

MINUTES
LAND AND WATER CONSERVATION BOARD MEETING

February 4, 2020
DATCP Board Room
Wisconsin Department of Agriculture, Trade and Consumer Protection
2811 Agriculture Drive, Madison, Wisconsin

Item #1 Call to Order—pledge of allegiance, open meeting notice, approval of agenda, approval of October 1, 2019 LWCB meeting minutes.

The meeting was called to order by Chairman Mark Cupp at 9:00 a.m. Members Eric Birschbach, Ron Grasshoff, Bobbie Webster, Mike Hofberger, Andrew Buttles, Dave Solin, Monte Osterman, Brian Weigel, Lacey Cochart (for Walling), and Andrew Potts were in attendance. A quorum was present. Advisors Angela Biggs, NRCS, and Brandon Soldner, FSA were also present. Others present included Lisa Trumble and Katy Smith, DATCP.

Trumble confirmed that the meeting was publicly noticed.

Solin moved to approve the agenda as presented, seconded by Hofberger, and the motion carried.

Webster requested a correction in Item 5: *Recommendation for approval of Land and Water Resource Management Plan revision for Portage County* of the December meeting minutes to change “Central Rivers Watershed” to “Central Rivers Farmshed”. Grasshoff requested a change in item 5 of the December meeting minutes to emphasize the need for the county to establish baseline data for evaluating compliance. Weigel made a motion to approve the December 3, 2019 meeting minutes as corrected, seconded by Potts, and the motion carried.

Item #2 Public Appearances

Anita Martin, Lake Mills, presented an invitation to view the documentary “A Right to Harm” in Mount Horeb on February 16th, hosted by Wisconsin Farmer’s Union South Central, Iowa-Grant and the Dane County Chapters. The film highlights groundwater issues and other rural community concerns.

Item #3 Election of Officers

The Board conducted an election of officers in the following order:

Solin nominated Webster as Secretary, seconded by Grasshoff. The LWCB closed nominations and cast a unanimous ballot for Webster. Motion carried.

Grasshoff nominated Birschbach as Vice Chair, seconded by Webster. The LWCB closed nominations and cast a unanimous ballot for Birschbach. Motion carried.

Birschbach nominated Cupp as Chair, seconded by Solin. The LWCB closed nominations and cast a unanimous ballot for Cupp. Motion carried.

Item #4 Recommendation for approval of 5-year LWRM plan review for Manitowoc County

Jerry Halverson, Manitowoc County Soil and Water Conservation Department, and Catherine Wagner, Land Conservation Committee, made a formal presentation in support of the 5-year review of the county’s LWRM plan.

Manitowoc County Land and Water Conservation Department provided written answers to the Board's standardized questions, recent work plans and accomplishments, and other materials (available on LWCB's website: https://datcp.wi.gov/Pages/About_Us/LandWaterConservationBoard.aspx).

Board members and county representatives discussed the following: implementation of nutrient management plans (NMPs), having a certified crop advisor on staff as a means to step up implementation of NMPs, county utilization of LiDAR data, implementation of the farmland preservation program through zoning, county-wide implementation of livestock facility siting. Halverson emphasized the county livestock facility licensing ordinance as a tool to mitigate community and land use conflicts by balancing agricultural and environmental interests. The board complimented the county's approach to outreach and education, Halverson attributed much of this success to hiring a staff outreach and education coordinator.

Hofberger moved to recommend approval of Manitowoc County's plan revision for a period of 10 years, seconded by Birschbach, and the motion carried.

Item #5 Report and Recommendation on the 2020 CREP Spending Authority

Loeffelholz and Gilmore provided the board with an update on the Conservation Reserve Enhancement Program, highlighting recent flooding and uses of the program. Loeffelholz and Gilmore also presented a recommendation to allocate \$10,000 (each) to Door and Outagamie Counties from the program's uncommitted balance to accommodate additional enrollments in the program.

Osterman moved to recommend the \$10,000 allocation to Door and Outagamie Counties, seconded by Webster, and the motion carried.

Item #6 Gathering input from stakeholders and public regarding nonpoint funding

Webster submitted information on two programs implemented by the Minnesota Department of Agriculture: 1) Agriculture Growth, Research, and Innovation (AGRI) Sustainable Agriculture Demonstration Grants 2) A Lawns to Legumes Program, highlighting opportunities for nonpoint funding in urban areas.

The Board asked Mockert, DATCP, to look into H2Ohio¹ and the Georgia Outdoor Stewardship Act². H2Ohio is a state led initiative focused on reducing phosphorus, creating wetlands, addressing failing septic systems, and preventing lead contamination. The Georgia stewardship program focuses on funding parks and trails of statewide importance, preservation of lands critical to wildlife, clean water and outdoor recreation. In order to develop both programs, coalitions were built and the programs were brought to the legislatures in their respective states to be voted on. H2Ohio has been funded on a two-year trial basis, with a request for future funding submitted to the Ohio legislature for action. The Georgia Outdoor Stewardship Fund is financed through a 40% sales tax on sporting goods stores. Mockert noted that most states take a tax-credit approach to take actions to address nonpoint sources of pollution. The board noted that Wisconsin would need to take an alternative approach to that utilized in Ohio, indicating the need to build coalitions and capture public support statewide.

Cupp asked Osterman, Hofberger, and Solin to request their association (WI Land + Water) to comment on this topic. Cupp encouraged the board to consider additional conduits for funding of nonpoint projects in Wisconsin.

¹ <http://h2.ohio.gov/>

² <https://gadnr.org/gosp>

Item #7 Board discussion regarding climate issues as they relate to LWRM plans

Grasshoff prepared a handout discussing Climate Change Resiliency and County Land and Water Resource Management Plans. The board discussed the possibility of a working group to develop a plan for how climate issues could be incorporated into County LWRM plans, Ashland County’s Work with the Norther Institute of Applied Climate Change Science, works being done at the federal level, and the reorganization of the Wisconsin Institute on Climate Change Research.

Cupp asked the WI Land + Water members to take this back to Matt and gauge interest. The board determined it would continue this discussion at the next meeting.

Item #8 Recommendation regarding SWRM allocation

Waiver authority for extended grant contracts

Heaton reported that DATCP has the authority to wave a rule to meet soil and water objectives. This year there were eight requests for waivers related to weather related concerns. DATCP recommended that six of the eigh requests be granted (each had a weather related concern, county was willing to execute the contract but DATCP engineering staff determined delay). Two of the eight requests did not meet the threshold for meeting extenuating circumstances.

Reallocation of 2020 Soil and Water Resource Management reserve funds

In October of 2019, the board approved the allocation plan with \$350,000 reserved for updating the Soil and Water Resource Management (SWRM) database or other statewide conservation priorities. DATCP is not able to contract to update the databse in 2020. The reserved funding needs to be contracted by the end of fiscal year or it will be lapsed to the general fund. Project that came to DATCP meets the standard for other conservation priorities. Heaton, Rushmann (DATCP), and Komiskey (USGS) presented an Aerial Electromagnetic Survey (AEM) project to the board for reccomendation for approval, as a statewide conservation priority, because the project could be considered a re-allocation. DATCP funding for this project would be a match to the grant. Matt Komiskey presented on the proposed AEM Survey. The AEM project will contribute to statewide efforts on verification of depth to bedrock.

The board discussed the difference between LiDar and AEM survey data, the accuracy of data and interest in expanding the project to other Karst regions. The project will make maps publicly available which will help land managers and policy makers. The pilot project has the interest in duplicating in other parts of the country. Komiskey reported he would like to get the projects done by summer or early fall. If the project is successful they will recommend a second phase.

Osterman asked about the ability to spend the funds elsewhere. Heaton reported that a harvestable buffer project is on the table. DATCP is waiting for more information from the University of Wisconsin- Madison Soils Lab on needs for additional funding. The funding needs to be encumbered by May or the funding will be lost. Hofberger motioned to approve the funding under ATCP 50.28(5) to be dedicated to the AEM project. Seconded by Weigel. The board requested a status report in the coming year.

Item #9 Results from Water Quality Task Force and the Governor’s 2019 Year of Clean Drinking Water report

Eric Ebersberger, Policy Advisor, DNR presented information from the Governor’s 2019 Year of Clean Drinking Water report. The report highlights that the need to focus on clean drinking water is ongoing, focusing on issues related to lead, nitrates and PFAS.

The board discussed that Natural Resources Board, DNR approved a scoping statement for NR151 to address nitrates, recommended actions of the report, the relationship of the report to the Speaker's Taskforce on Water Quality and an interest in water quality issues moving forward into the 2021-2023 budget.

Item #10 Agency Reports

FSA- Soldner reported that producers may make an election for ARC or PLC by commodity for 2019 or default to programming under the 2014 farm bill and become ineligible for future payments. Programming for Emergency Livestock Assistance, Honey Bee Assistance, Livestock Forage (continuously available for death losses) is open. A third payment under Market Facilitation Program was announced. CRP will be open through Feb 28th, announcement will go out in march, contracts will go into effect on October 1st. Conservation Emergency Programs are still cleaning up from 2018 to 2019 disaster events. There is no active emergency forestry recreation program.

NRCS – Biggs reported that the EQIP rule has been published and is open for comment through Feb 17th. The ACEP rule has been published and is open for comment through March 6. The RCPP rule anticipated in the immediate future. NRCS is waiting on the final allocation for their budget and is looking to determine what the new full time employee cap will be. Wisconsin has 14 entry-level positions, an assistant state soil scientist as well as state archeologist position open. EQIP, CSP, CRP activities should be open during the same period.

WI Land + Water- Osternman reported that WI Land + Water has a conference coming up on March 4-6 in Green Bay. They are still looking for sponsorships for the conference. Solin is not running for re-election to the LWCB, but will continue to sit on the board through the end of his term.

DOA – Potts reported that a request has been made to UW-College of Agriculture and Life Sciences and UW-Extension to nominate advisors that will attend board meetings, their office is working on a request from DNR to approve funds for the Central Sands Study. DOA is getting ready for the biennial budget.

DATCP – Cochart reported that the Bureau of Land and Water Resources is working on filling vacant positions. The Bureau had 3 experienced staff members retire in the last year. The Bureau will complete interviews for an Agricultural Land Use and Ordinances Specialist in the next week. All bureau staff contributed information and creative ideas to craft positive outcomes for inquiries made as a part of the Speaker's Taskforce on Water Quality Initiatives. SWRM reimbursement requests for 2019 are due in the immediate future; the Conservation Engineering team is engaging in a standards oversight process for new standards in cooperation with NRCS; the Bureau is looking forward to spring Conservation Partner Meetings with DNR, UW Extension and NRCS.

DNR – Weigel reported that DNR is preparing for 8 CAFO Update meetings around the state. A request has been submitted to the Natural Resources Board to approve a scoping statement for targeted performance standards. A committee comprised of members from DATCP, NRCS, County Conservation Offices, farmers and agronomists will convene to determine what the department can achieve, what the state of groundwater quality across the state is, and the economic costs and benefits. The department is looking for agronomists to be on the committee.

Item #13 Planning for April 2020 LWCB meeting

The board should expect two 5-year reviews, and two full plans to be presented at the April meeting. Cupp requested a legislative update be included on the agenda.

Item #14 Adjourn

Osterman moved to adjourn, seconded by Birschbach, and the motion carried. The meeting was adjourned at 12:55pm.

Respectfully submitted,

Bobbie Webster, Secretary

Date

Recorder: KS, DATCP

DRAFT

CORRESPONDENCE/MEMORANDUM _____ **State of Wisconsin**

DATE: May 15, 2020

TO: Land and Water Conservation Board Members and Advisors

FROM: Lisa K. Trumble, DATCP *Lisa K. Trumble*
Resource Management Section,
Bureau of Land and Water Resources

SUBJECT: Recommendation for Approval of the *Columbia County Land and Water Resource Management Plan*

Action Requested: This is an action item. The department has determined that the *Columbia County Land and Water Resource Management Plan* meets applicable statutory and rule requirements and requests that the LWCB make a recommendation regarding approval of the plan consistent with the Board's guidance.

Summary: The plan is written as a 10 year plan, and if approved, the plan would remain in effect through December 31, 2030, and would be subject to a five year review prior to December 31, 2025.

DATCP staff reviewed the plan using the checklist and finds that the plan complies with all the requirements of section 92.10, Wisconsin Statutes, and Chapter ATCP 50, Wisconsin Administrative Code.

To qualify for 10 year approval of its plan, Columbia County must submit an annual work plan meeting DATCP requirements during each year of its 10 year plan approval.

Columbia County held a public hearing on March 2, 2020, as part of its public input and review process. The Columbia County Land Conservation Committee will present the LWRM plan for County Board approval after receiving a recommendation for approval from the LWCB.

Materials Provided:

- LWRM Plan Review Checklist
- Completed LWRM Plan Review form
- 2019 workplan with accomplishments and current 2020 workplan

Presenters: Kurt Calkins, Columbia County Land and Water Conservation Director
Mike Weyh, Ag, Extension, Land & Water Conservation Committee Chair



Wisconsin Dept. of Agriculture, Trade and Consumer Protection
 Agricultural Resource Management Division
 2811 Agriculture Drive, PO Box 8911
 Madison WI 53708-8911
 Phone: (608) 224-4608

Land and Water Resource Management (LWRM)

LWRM Plan Review Checklist

Wis. Stats. § 92.10 & Wis. Adm. Code § ATCP 50.12.

County: COLUMBIA

Date Plan Submitted for Review: 2/28/2020

I. ADVISORY COMMITTEE		Yes	No	Page
1.	Did the county convene a local advisory committee that included a broad spectrum of public interests and perspectives (such as affected landowners, partner organizations, government officials, educational institutions)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5-8
II. PUBLIC PARTICIPATION AND COUNTY BOARD APPROVAL				Date(s)
1.	Provide the dates that the local advisory committee met to discuss the development of the LWRM plan and the county plan of work			12/17/19 1/16/20
2.	Provide the date the county held a public hearing on the LWRM plan ¹			3/2/20
3.	Provide the date of county board approval of the plan, or the date the county board is expected to approve the plan after the LWCB makes its recommendation. ²			5/20/20
III. RESOURCE ASSESSMENT AND WATER QUALITY OBJECTIVES		Yes	No	Page
1.	Does the plan include the following information as part of a county-wide resource assessment:			
a.	Soil erosion conditions in the county ³ , including:			
i.	identification of areas within county that have high erosion rates or other soil erosion problems that merit action within the next 10 years	<input checked="" type="checkbox"/>	<input type="checkbox"/>	9-11
b.	Water quality conditions of watersheds in the county ³ , including:			
i.	location of watershed areas, showing their geographic boundaries	<input checked="" type="checkbox"/>	<input type="checkbox"/>	38
ii.	identification of the causes and sources of the water quality impairments and pollutant sources	<input checked="" type="checkbox"/>	<input type="checkbox"/>	18-29 Chap 5

¹ Appropriate notice must be provided for the required public hearing. The public hearing notice serves to notify landowners and land users of the results of any determinations concerning soil erosion rates and nonpoint source water pollution, and provides an opportunity for landowners and land users input on the county's plan. Individual notice to landowners is required if the landowners are referenced directly in the LWRM plan. DATCP may request verification that appropriate notice was provided.

² The county board may approve the county LWRM plan after the department approves the plan. The plan approved by the county board must be the same plan approved by the department. If the department requires changes to a plan previously approved by the county board, the department's approval does not take effect until the county board approves the modified plan.

³ Counties should support their analysis of soil and water conditions by referencing relevant land use and natural resource information, including the distribution of major soil types and surface topographic features, and land use categories and their distribution. Sec. ATCP 50.12(3)(b) requires that a county assemble relevant data, including relevant land use, natural resource, water quality and soil data.

iii.	identification of areas within the county that have water quality problems that merit action within the next 10 years.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	10-14 20-27 Chap 5
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2. Does the LWRM plan address objectives by including the following:

a.	specific water quality objectives identified for each watershed based upon the resource assessment, if available	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chap 5
b.	pollutant load reduction targets for the watersheds, if available	<input checked="" type="checkbox"/>	<input type="checkbox"/>	10-11

Other comments: Number 2 above is covered in Appendices D-F as well

IV. DNR CONSULTATION	Yes	No	Page
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1.	Did the county consult with DNR ⁴ to obtain water quality assessments, if available; to identify key water quality problem areas; to determine water quality objectives; and to identify pollutant load reduction targets, if any; and to review NR 151 implementation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2
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Other comments: Columbia county works closely with DNR on various projects

V. PLAN IMPLEMENTATION	Yes	No	Page
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1.	Does the LWRM plan include the following implementation components: :			
a.	A voluntary implementation strategy to encourage adoption of farm conservation practices	<input checked="" type="checkbox"/>	<input type="checkbox"/>	67
b.	State and local regulations used to implement the plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>	85
c.	Compliance procedures that apply for failure to implement the conservation practices in ATCP 50, ch. NR 151 and related local regulations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	64,69
d.	Relevant conservation practices to achieve compliance with performance standards and prohibitions and to address identified water quality and erosion problems	<input checked="" type="checkbox"/>	<input type="checkbox"/>	85
e.	A system for meeting county responsibilities to monitor the compliance of participants in the farmland preservation program	<input checked="" type="checkbox"/>	<input type="checkbox"/>	61

2.	Does the LWRM plan (or accompanying work plan) estimate:			
a.	expected costs of implementing the plan including cost-sharing for conservation practices needed to achieve plan objectives	<input checked="" type="checkbox"/>	<input type="checkbox"/>	W.P.

⁴ While requirements for DNR consultation may be satisfied by including relevant DNR representatives on the advisory committee, counties may also need to interact with DNR staff in central or regional offices to meet all of the consultation requirements. DNR may point counties to other resources to obtain information including consultants who can calculate pollutant load reduction targets.

b. the staff time needed to provide technical assistance and education and outreach to implement the plan.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	W.P.
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3. Does the LWRM plan describe a priority farm strategy designed to make reasonable progress in implementing state performance standards and conservation practices on farms appropriately classified as a priority	<input checked="" type="checkbox"/>	<input type="checkbox"/>	64
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Other comments: _____

VI. OUTREACH AND PARTNERING	Yes	No	Page
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1. Does the LWRM plan describe a strategy to provide information and education on soil and water resource management, conservation practices and available cost-share funding	<input checked="" type="checkbox"/>	<input type="checkbox"/>	64-65
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2. Does the LWRM plan describe coordination activities with local, state and federal agencies?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	75-80
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Other comments: _____

VII. WORK PLANNING AND PROGRESS MONITORING	Yes	No	Page
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1. Does the county's most recent annual work plan⁵ do both of the following:

a. Provide measurable performance benchmarks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NA
b. Identify priorities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NA

2. Does the LWRM plan describe a strategy and framework for monitoring county progress implementing its plan including methodology to track and measure progress in meeting performance benchmarks and plan objectives	<input checked="" type="checkbox"/>	<input type="checkbox"/>	78-79
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Other comments: _____

VIII. EPA SECTION 319 CONSIDERATIONS

1. IS THE COUNTY WORKING WITH DNR TO SEEK EPA APPROVAL OF THIS PLAN AS MEETING THE REQUIREMENTS OF A 9 KEY ELEMENT PLAN UNDER SECTION 319 OF THE CLEAN WATER ACT: No

⁵ Counties must submit annual work plan by no later than April 15th of every year to meet the requirement in s. ATCP 50.12(2)(i) for counties to have multi-year work plans.

STAFF RECOMMENDATION

Staff has reviewed the above-referenced county LWRM plan based on the criteria required in s. ATCP 50.12, Wis. Admin. Code, and s. 92.10, Stats., and has determined that the plan meets the criteria for DATCP approval of this plan. This checklist review is prepared to enable the LWCB to make recommendations regarding plan approval, and for DATCP to make its final decision regarding plan approval.

Staff Signature: *Lisa K. Trumble*

Date: 05/15/2020



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

County: Columbia County

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.

We have continued to put an emphasis on NR 151 implementation in our most current LWRMP and our annual workplans. The first major focus area has been continuing to expand development and use of NMP 590 plans. We started in 2011 with 7.7% coverage, we grew that to 20% in 2014 and in 2019 we have 57%. That has happened because our plan has focused on incremental goals and forced us into developing implementation tools, like developing NMP GIS tracking system and using NMFE training grants to help provide alternatives for developing, using and understanding NMP implementation. Cost sharing has and will continue to be a strong incentive tool for us. We feel strongly that until we can get widespread implementation and use of NMP we will not be able to focus and document some of the reduction goals outlined in watershed specific projects like TMDL's. The second major focus areas have been implementation related to production site NR 151 implementation on priority farms. We have and will continue to use DNR TRM and NOD grants to focus compliance efforts with eligible problem sites. Our current plan and this proposed plan continues those focused priorities. Plan efforts help focus conversations around priority concerns, and in our agricultural landscape these 2 priority objectives catch a large amount of our day in and day out work. Since our last major plan revision in 2011 we have utilized 12 small scale TRM grants, 4 NOD grants and 2 large scale TRM grants. We have searched out and secured these grants based on the goals directly outlined in our plan and our annual workplans. Our plan has also focused us to continue to gather groundwater data via drinking water testing. We are just completing another round of testing, and this spring we will complete a testing protocol that will give us another 10-year window into the quality of our drinking water, and help focus program implementation to the most necessary areas. Our current plan, has a lot of great up to date information in it. This information came directly from our ability to focus resources on this priority. In 2019 we were able to test 344 wells.

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.

Columbia County has maintained a focus on priority farm compliance, FPP compliance/implementation and NMP 590 plan development and adoption. This workload

combined with some additional water quality (surface water and groundwater) uses up our existing staff resources and technical resources. We have tried to begin to embrace and understand how we would use most recent TMDL data now available for all 3 basins that make up Columbia County, but we have not yet had the resources available to really focus in on a way to reasonably migrate those expectations into our other existing priorities and workplans. The same could be said for programs such as CREP. The workload associated with FPP combined with working towards compliance with landowners in SWQM areas continues to be a heavy workload. There are several other activities that fall under our ongoing wishlist of things we would like to spend more time and energy on, we continue to evaluate what resources we have to accomplish the activities and if we don't have resources we will continue to look for additional outside resources to help us get closer to implementing those activities. We have used many different resources over the years, to help us focus inventory and data collection work, and we will continue to think about the use of those resources.

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?

Over the years we have continued to use different resources to help us assemble inventory data that we can use to focus in on priority farms. GIS data sets are, and will continue to be the starting point, to locate farms and focus in on potential problems. Focus areas, have over the years ranged from very focused, to broad. We have used DNR Surface Water Grants to fund staff time to complete very detailed farm assessments, that turn into compliance driven TRM and NOD grants. We have, and will continue to use FPP and our local Animal Waste Ordinance as additional driving factors that force our priority farm implementation. Our priority farm plan is rooted in I/E, communication/dialog and field inventory work. We do a lot of general outreach, then focus in on priority areas. Livestock farms in SWQM areas continue to be priority, as well as those farms that we receive complaints on. Our Ascent land records system that we already have developed for NMP & FPP is used to also focus priority farms efforts, where areas of interest and opportunity overlap. New opportunities exist within the realm of "alternative reduction strategies". These alternatives include programs such as Nutrient Trading, Adaptive Management and MDV. We have evaluated our approach and feel that we have done a good job focusing our efforts on livestock priority farms over the last 5 to 10 years. There is always more work to be done, but we feel our approach, our skills and our ability to gain access to DNR, DATCP and EQIP funding helps us along this journey. We do feel it is worth pointing out that the priority farm focus found in our LWRM plan has historically been focused on livestock farms, the same and more complicated priority focus for upland sources of sediment and P delivery is a more complicated discussion that likely will evolve into more specific upland targeted planning.

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.

We have had less emphasis on day to day old school conservation planning work, and have focused more of our work in the last 10 to 15 years on working to implement the broad

range of NR 151 compliance issues that heavily weigh on livestock production sites. We have over time, adjusted our goals and workplans to recognize the relationship that NMP 590 plans play both in managing nutrients controlled on productions sites, with the overall upland farm planning role the 590 NMP plans play. We have and will continue to adjust our workplan, as we have in 2020 as part of this 2021 revision, to try and calibrate with trends and opportunities. One specific example would be how we have recently adjusted our workplan to recognize the need to continue to focus our efforts towards achieving NMP Plan coverage at or above 70% coverage in smaller watersheds. We feel that a target like that will give us more ability to have a more focused conversation on how we impact TMDL driven upland reductions. We also have focused more workplan direction on groundwater focused work. We have over time flowed back and forth between doing and gathering information (Data). In the case of groundwater, we have lot of really good data that has been collected over the last 20 years, that we recognized in our workplan. The workplans also, must be modified annually to account for available staff and financial resources. We try to be as visionary as we can, but when it comes down to implementation, it really comes down to technical time and available resources.

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: 3/10/2020

Signature of Authorized Representative:  Date: 3/11/2020
(e.g. County Conservationist, LCC chair)

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

**Columbia County 2019 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

Table 1: Planned activities and performance measures by category

<p align="center">CATEGORY (goal and objective from LWRM plan can be added in each category)</p>	<p align="center">PLANNED ACTIVITIES WITH BENCHMARKS If applicable identify focus areas, e.g. HUC 12 watershed code</p> <p align="center">Green highlights planned activities that did not get as much attention as we had planned</p>	<p align="center">PERFORMANCE MEASUREMENTS (examples in italics)</p> <p align="center">Actual 2019 Accomplishments in Red (measurable)</p>
<ul style="list-style-type: none"> <i>Cropland</i> 		
<p>Cropland, soil health and/or nutrient management</p>	<ul style="list-style-type: none"> • Conduct 200 FPP Spot Checks • 5000 To 8000 Acres of NMP Plans Developed & Certified • Achieve 80-90% Compliance On Submission Of NMP Checklist Annually • Review Status of Schedule of Compliance For FPP with outstanding 2011 Performance Standard Issues • Distribution Of and Receipt Of 100% Annual FPP Self-Certification Forms • Conduct NMFE Training Class for New and Recertifying Landowners. Goal of 35 participants. • Complete Detailed Assessment Of Active Gully Erosion As Part Of FPP Spot Check Process • Install Or Repair 5 Grassed Waterways • Encourage 5 Landowners To Seek Out EQIP Funds To Assist With BMP's • Develop Realistic Approach To Determine An Acceptable Level Of NMP 590 Plan Implementation Of Compliance On 100 Plans Annually • Complete Planning And Design For Web Based Submission of NMP Plans & Checklists Thru Columbia County Ascent Management System • Complete Next Phase Of Ascent BMP Parcel Mapping Database To Help Track Compliance & Applicability all BMP's • Using New Database, Promote FPP Program To Eligible Landowners Not 	<ul style="list-style-type: none"> • Target of 200 FPP Spot Checks Completed (244 Spot checks completed) • 5000 to 8000 Acres of NMP 590 Completed 2019 (20,969 Acres 2019) • NMFE Training Class Conducted With 35 Participants (26) • Achieve Submission Rate of 80% Of Annually Required NMP Checklists • 100% Receipt Of Annual Self Certification FPP Post Cards (98%) • Completion of >200 FPP Spot Checks • Install 5 Grassed Waterways • Host 2 Workshops and Develop 6 Newsletter Articles That Focus to Educate Landowners About Cropland Conservation Issues and Nutrient Management • Full Utilization Of DATCP Sourced NMP SEG Cost Sharing & Bond Cost Sharing (yes and transferred in additional SEG Funds) • Application & Award of 1 NMFE Grant • 3 New CREP Contracts (8) (Annual P reduction 16lbs from buffers) • 3 CREP Re-Enrollments • Goal of 500 lb. of P reduction modeled thru Snap Plus for NMP Planning (Estimated 831lbs from new acres 2019) • Sign Up & Implement 2 Buffers Using Yahara WINNS Funding • FPP NMP Ascent Suite modifications complete and moving on to finalizing BMP layer. • Increased 590 NMP coverage from 47% to 57% in 2019. • Hosted 2 planning meetings in 2019 to push "Producer Led Council Discussions" • Installed 56 combined BMP's in 2019, many of them

**Columbia County 2019 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

	<p><i>Currently Enrolled.</i></p> <ul style="list-style-type: none"> • Educate Landowners About Changes To 2015 Version Of NRCS 590 • Use Planning Tools To Continue NMP “Manure Management” Discussion During Growing Season & Frozen Ground Conditions. (Workshops/Newsletters) • Focus Areas May Include: SWQMA, Beaver Creek Water (Crawfish River), Lodi-Spring Creek AM Project Area, Yahara-Mendota MMSD Watershed and general areas throughout Columbia County. • <i>Re-Enroll 3 Landowners In CREP</i> • Sign Up 3 New Landowners In CREP • Market CREP In Recently Approved CREP Areas In Columbia County • Begin First Year Of Implementation With Yahara WINNS As AM Partner, Including The Implementation Of A Harvestable Buffer Program. 	<p>both directly deal with cropland, soil health, NMP and livestock management</p>
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• *Livestock*

<p>Livestock</p>	<ul style="list-style-type: none"> • Conduct 200 FPP Focus On Livestock Farms (2011 New Performance Standards) Spot Checks • Install 5 to 10 Livestock BMP’s On 3 to 5 Operations To Achieve Compliance With NR 151 Standards • <i>Evaluate 3 Operations That Don’t Have Necessary Storage & Evaluate Solid Manure Stacking Areas If Applicable</i> • <i>Evaluate Livestock Farms That Have Liquid Manure Storage Issues. Work With These Landowners To Evaluate Necessary Steps To Help Them Address Challenges Lack Of Liquid Storage Causes Them</i> • Complete Installation of Practices Associated With 2 Existing DNR Targeted Runoff Management Grant/ • Complete Installation of 1 Existing DNR/DATCP NOI/NOD Grant Funding Projects 	<ul style="list-style-type: none"> • Complete 200 FPP Spot Checks (244 spot checks completed) • Install 5 to 10 BMP’s that Achieve NR 151 Compliance (15 excluding NMP) • Inventory 10 New Livestock Farms For NR 151 Compliance (>10) • Issue 5 New Animal Waste Storage Structure Permits (2) • Abandon 2 Existing Manure Storage Structures (2) • Complete BMP Implementation on 1 Existing NOD/NOI Grant Funded Landowner Projects (1 completed & closed out) • Complete BMP Installation On 2 Existing TRM Grant Funded Landowner Projects (1 Completed/1 planned/designed) • Evaluate 5 New Livestock Farms For TRM and NOD Grants, and Complete Applications As Needed (6 Evaluated 2 grants developed and 2 new TRM grants awarded by DNR in 2019) • Completed BMP’s Plan For Implementation of Lodi Priority Site #1
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**Columbia County 2019 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

	<ul style="list-style-type: none"> • Locate & Abandon 2 Existing Manure Storage Structures • Issue 5 Animal Waste Storage Structures (New) • 2019 Finalize LCC and County Board Approval Of Draft Revision To Animal Waste Management Ordinance (Still A work In Progress) • Complete NR 151 Compliance Reviews For 10 Additional Livestock Farms • Develop Necessary TRM and/or NOD Grant Applications To Assist Landowners In Getting Access To Funds To Implement Compliance Driven BMP's • Encourage Landowners To Apply For EQIP Cost Sharing As Needed. • Evaluate Challenges That Feedlot and Process Wastewater Discharges Bring To Livestock Operations. Work To Better Understand Technical Options And Education Landowners/Operators. • Focus NR 151 Compliance Inventories On High Priority Farms In SWQMA. Identify And Pursue Opportunities To Development TRM and NOD Grant Applications To Bring 5 New Livestock Facilities Into Compliance • Evaluate Next Steps As Partner With City Of Lodi (Lodi Spring Creek) To Complete Design Work And Plan For Implementation On Adaptive Management Plan Priority Site #1. 	<ul style="list-style-type: none"> • Goal of 500 lb. of P reduction estimated based on average reduction of livestock practices modeled Using BARNY(Note, Reduction Are highly Variable) (512lbs P reduction) • Additional Goal of 1000 lb. of P reduction from TRM and NOD Projects. (533lbs actual modeled reductions from installed NOD/TRM projects 2019) • Finalize revision to Title 15, should be completed in 2020. Draft version has been circulated and public meetings held. We anticipate inclusion of all performance standards and prohibitions. • Installed 56 combined BMP's in 2019, many of them both directly deal with cropland, soil health, NMP and livestock management
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• *Water quality*

<p>Water quality/quantity (other than activities already listed in other categories)</p>	<ul style="list-style-type: none"> • Complete spring and fall 2019 Drinking Water Educational & Sampling Program. (This is a 10 Year Look Back Sampling Program as a Follow Up to 2007 -2010 Program) Goal of 250 Rural Landowner Drinking Water Samples • Conduct 5 to 10 Reviews Using G-Flow Groundwater Model To Evaluate 	<ul style="list-style-type: none"> • Goal of 250 Participants @ Drinking Water Tests Completed Thru Sampling Program (344 samples collected) • Complete Year #3 of Silver Lake Planning Grant Work, Including The Development of Lake Management Plan (Grant number 1 closed/data assembled ready for final plan 2020) • Complete 2 Shoreline Stabilization Projects (5 shoreline
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**Columbia County 2019 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

	<ul style="list-style-type: none"> Groundwater Protection Areas For Wells Implement Year #3 Of Silver Lake Comprehensive Lake Management Planning Effort Complete 2 Shoreline Stabilization Projects That also Encourage Shore land Buffer Plantings as Part of Restoration Work Close 5 To 10 Unused Groundwater Wells Per Year 	<ul style="list-style-type: none"> stabilization/restorations projects done. Complete 5 To 10 Well Abandonments Per Year (1)
<ul style="list-style-type: none"> <i>Forestry</i> 		
Forestry	Sell Trees and Shrubs through Annual Columbia County Tree Sales Program	<ul style="list-style-type: none"> Inventory 40 Acres of Property For Potential Gypsy Moth Suppression Treatment Complete 2 Reviews of APM Implementation With Lazy Lake & Tarrant Lake (Completed review and directed them for update to APM plan) Sold 43,350 trees and shrubs
<ul style="list-style-type: none"> <i>Invasive</i> 		
Invasive species	<ul style="list-style-type: none"> Participate In DNR Gypsy Moth Suppression Program As Needed Assist Local Surface Water Bodies With Implementing Existing Aquatic Plant Management Plans To Control Invasive Species 	<ul style="list-style-type: none"> Inventory 40 Acres of Property For Potential Gypsy Moth Suppression Treatment Complete 2 Reviews of APM Implementation With Lazy Lake & Tarrant Lake see above
<ul style="list-style-type: none"> <i>Wildlife</i> 		
Wildlife-Wetlands-Habitat (other than forestry or invasive species)	<ul style="list-style-type: none"> Implement shoreline stabilization and restoration work on Park Lake Including riparian buffer installation, shoreline stabilization and tree drops 	<ul style="list-style-type: none"> Install 10,000 square feet of native shoreline buffer planting on Park Lake at County Park (completed 10,000 square ft installed. Install 10 fish stick projects on Swan and Park Lake (12 Fish sticks installed using DNR Healthy Lakes Grant) Install 4 Native Shoreline Buffers 3 installed including large one at County Park.
<ul style="list-style-type: none"> <i>Urban</i> 		
Urban issues		
<ul style="list-style-type: none"> <i>Watershed</i> 		
Watershed strategies	<ul style="list-style-type: none"> Determine Next with City of Lodi Adaptive Management Program Year 3. Complete Planning and Contacts With Priority Farms (3#) Identified In AM Plan. TMDL Implementation (Rock River) 	<ul style="list-style-type: none"> Conduct 3 Presentations In Watershed Focus Areas To Landowners and Citizens To Help Them Understand Relationship Role Provide 500 hours of Outreach & Education To Landowners Regarding The Specific Role Watershed

**Columbia County 2019 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

	<p>Continue To Work With DNR To Evaluate Next Steps Towards Implementation</p> <ul style="list-style-type: none"> • Beaver Creek Watershed • WI River TMDL, Continue To Work Closely With Lake WI Alliance And Landowners To Plot Course of Action Towards Implementation In Watershed. • Evaluate Role 9 Key Element Planning May Have In LWCD Programming, Evaluation Will Be Part of County LWRM Plan Revision Process In 2019/2020 • Complete Design and Implementation of BMP Tracking System Component of Columbia County Ascent Data Base Management System. • Plan & Implement 2nd year of BMP implementation in cooperation with Yahara WINS adaptive management project. 	<p>Management Thru Conservation BMP Adoption Plays Towards The Success of Any and All Watershed Strategies (completed using various planning efforts)</p> <ul style="list-style-type: none"> • Develop 4 Quality Articles For Newsletter And Publish One News Story About Watershed Issues (Ag reporter 6 issues completed) • Evaluate Final EVAAL Results For BDR Watershed Project And Develop Outreach Plan For Landowners With Potential Project Work • Completion of Ascent Data Base Management System For BMP's, And Have The Ability To Monitor and Report BMP Installation and P Reduction By Watershed Location (Final modifications done end of 2019/testing in 2020) • Conduct 1 Fall Annual Conservation Tour Promoting The Context Of Any and All Watershed Improvement Projects. • Implement 2 harvestable buffer contracts and projects in cooperation with Yahara WINS project. • Completed Field inventory work and BMP's design in cooperation with City of Columbus Nutrient Trading Project
<ul style="list-style-type: none"> • <i>Other</i> 		
<p>Other: Preserve Farmland/Open Space thru Farmland Preservation Program</p>	<ul style="list-style-type: none"> • Conduct Group And Individual Meetings With Landowners And Government Entities To Further Increase Knowledge and Participation In Farmland Preservation Program (FPP) And/or AEA Designation 	<ul style="list-style-type: none"> • Conduct Outreach Meetings For Town of Randolph and Town Of Scott Regarding AEA Opportunities As Agreements Expire In These Uncertified Townships. • Complete 2 New AEA Contracts With Landowners In Town of WestPoint AEA.

**Columbia County 2019 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	10	5 (2)
Manure storage closure	5	2 (2)
Livestock facility siting		
Nonmetallic/frac sand mining		
Stormwater and construction site erosion control		
Shoreland zoning	10	10 (10)
Wetlands and waterways (Ch. 30)		
Other		

Table 3: Planned inspections

Inspections	Number of inspections planned
Total Farm Inspections	245(255)
For FPP	200 (244)
For NR 151	30 (20)
Animal waste ordinance	10 (12)
Livestock facility siting	
Stormwater and construction site erosion control	
Nonmetallic mining	

Table 4: Planned outreach and education activities

Activity	Number
Tours	1 (1)
Field days	5 (3)
Trainings/workshops	15-20 (12)
School-age programs (camps, field days, classroom)	5
Newsletters	6 (6)
Social media posts	12 (10)
News release/story	6 (5)

**Columbia County 2019 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

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

Staff/Support	Hours	Costs
<i>Director/5 Specialist/Admin Sec/Intern</i>	11964	477702
Cost Sharing (can be combined)		
<i>Bond datcp</i>	<i>N/A</i>	<i>135,853</i>
<i>SEG datcp</i>	<i>N/A</i>	<i>225839</i>
<i>DNR TRM</i>	<i>N/A</i>	<i>150000</i>

**Columbia County 2020 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>	<ul style="list-style-type: none"> • Conduct 200 FPP Spot Checks • 5000 To 8000 Acres of NMP Plans Developed & Certified • Focus On Achieving 70% NMP coverage in several TMDL watersheds • Use existing GIS NMP Coverage Data To Target Landowners with NMP Plan • Achieve 80-90% Compliance On Submission Of NMP Checklist Annually • Review Status of Schedule of Compliance For FPP Performance Standard Issues • Distribution Of and Receipt Of 100% Annual FPP Self-Certification Forms • Conduct NMFE Training Class for New and Recertifying Landowners. Goal of 35 participants. • Complete Detailed Assessment Of Active Gully Erosion As Part Of FPP Spot Check Process • Install Or Repair 5 Grassed Waterways • Encourage 5 Landowners To Seek Out EQIP Funds To Assist With BMP’s • Develop Realistic Approach To Determine An Acceptable Level Of NMP 590 Plan Implementation Of Compliance On 25 Plans Annually • Complete Next Phase Of Ascent BMP Parcel Mapping Database To Help Track Compliance & Applicability all BMP’s • Using New Database, Promote FPP Program To Eligible Landowners Not Currently Enrolled. • Educate Landowners About Changes To 2015 Version Of NRCS 590 	<ul style="list-style-type: none"> • Target of 200 FPP Spot Checks Completed • 5000 to 8000 Acres of NMP 590 Completed 2020 • NMFE Training Class Conducted With 35 Participants • Achieve Submission Rate of 80% Of Annually Required NMP Checklists • 100% Receipt Of Annual Self Certification FPP Post Cards • Completion of >200 FPP Spot Checks • Install 5 Grassed Waterways • Host 2 Workshops and Develop 6 Newsletter Articles That Focus to Educate Landowners About Cropland Conservation Issues ,Nutrient Management and Soil Health • Full Utilization Of DATCP Sourced NMP SEG Cost Sharing & Bond Cost Sharing • Application & Award of 1 NMFE Grant • 3 New CREP Contracts • 3 CREP Re-Enrollments • Goal of 500 lb. of P reduction modeled thru Snap Plus for NMP Planning • Sign Up & Implement 2 Buffers Using Yahara WINNS Funding • Plan, design and install 10 upland conservation practices in Rock River TMDL as part of City of Columbus trading agreement

**Columbia County 2020 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

	<ul style="list-style-type: none"> • Use Planning Tools To Continue NMP “Manure Management” Discussion During Growing Season & Frozen Ground Conditions. (Workshops/Newsletters) • Focus Areas May Include: SWQMA, High loading TSS and TP TMDL Watersheds, Yahara-Mendota MMSD Watershed, City of Columbus Nutrient Trading portion of Rock River TMDL and general areas throughout Columbia County. • Re-Enroll 3 Landowners In CREP • Sign Up 3 New Landowners In CREP • Market CREP In Recently Most Recently Approved CREP Areas In Columbia County • Continue Implementation With Yahara WINNS As AM Partner, Including The Implementation Of A Harvestable Buffer Program. • Work On Developing “Producer Led Group” In Town of West Point Lower WI River Watershed • Engage Soil Health Dialog By Working To Promote Cover Crops. • Work With DNR staff to expand dialog and use of existing TMDL loading data to focus future project work. 	
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• *Livestock*

<p>Livestock</p>	<ul style="list-style-type: none"> • Conduct 200 FPP Focus On Livestock Farms (2011 New Performance Standards) Spot Checks • Install 5 to 10 Livestock BMP’s On 3 to 5 Operations To Achieve Compliance With NR 151 Standards • Evaluate 3 Operations That Don’t Have Necessary Storage & Evaluate Solid Manure Stacking Areas If Applicable • Evaluate Livestock Farms That Have Liquid Manure Storage Issues. Work With These Landowners To Evaluate Necessary Steps To Help Them Address Challenges Lack Of Liquid Storage Causes Them 	<ul style="list-style-type: none"> • Complete 200 FPP Spot Checks • Install 5 to 10 BMP’s that Achieve NR 151 Compliance • Inventory 10 New Livestock Farms For NR 151 Compliance • Issue 5 New Animal Waste Storage Structure Permits • Abandon 2 Existing Manure Storage Structures • Complete BMP Implementation on 1 Existing NOD/NOI Grant Funded Landowner Projects • Complete BMP Installation On 2 Existing TRM Grant Funded Landowner Projects • Evaluate 5 New Livestock Farms For TRM and NOD Grants, and Complete Applications As Needed • Goal of 500 lb. of P reduction estimated based on average reduction of livestock practices modeled Using
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**Columbia County 2020 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

	<ul style="list-style-type: none"> • Complete Installation of Practices Associated With 3 Existing DNR Targeted Runoff Management Grant/ • Complete Installation of 3 Existing DNR/DATCP NOI/NOD Grant Funding Projects • Locate & Abandon 2 Existing Manure Storage Structures • Issue 5 Animal Waste Storage Structures (New) • 2020 Finalize LCC and County Board Approval Of Draft Revision To Animal Waste Management Ordinance (Still A work In Progress) • Complete NR 151 Compliance Reviews For 10 Additional Livestock Farms • Develop Necessary TRM and/or NOD Grant Applications To Assist Landowners In Getting Access To Funds To Implement Compliance Driven BMP's • Encourage Landowners To Apply For EQIP Cost Sharing As Needed. • Evaluate Challenges That Feedlot and Process Wastewater Discharges Bring To Livestock Operations. Work To Better Understand Technical Options And Education Landowners/Operators. • Focus NR 151 Compliance Inventories On High Priority Farms In SWQMA. Identify And Pursue Opportunities To Development TRM and NOD Grant Applications To Bring 5 New Livestock Facilities Into Compliance • Explore opportunities to increase technical resources available for Managed Grazing by looking to partner with Golden Sands RC & D 	<p>BARNY(Note, Reduction Are highly Variable)</p> <ul style="list-style-type: none"> • Additional Goal of 1000 lb. of P reduction from TRM and NOD Projects. • Reduction of 270 lb. of P delivered to Rock River Basin as part of TMDL
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• *Water quality*

<p>Water quality/quantity (other than activities already listed in other categories)</p>	<ul style="list-style-type: none"> • Utilize summer intern to promote CREP • Complete spring 2020 Drinking Water Educational & Sampling Program. (This is a 10 Year Look Back Sampling Program as a 	<ul style="list-style-type: none"> • Goal of 150 Participants @ Drinking Water Tests Completed Thru Sampling Program • Complete Year #4 of Silver Lake Planning Grant Work, Including The Development of Lake Management Plan
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**Columbia County 2020 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

	<p>Follow Up to 2007 -2010 Program) Goal of 150 Rural Landowner Drinking Water Samples</p> <ul style="list-style-type: none"> • Conduct 5 to 10 Reviews Using G-Flow Groundwater Model To Evaluate Groundwater Protection Areas For Wells • Implement Year #4 Of Silver Lake Comprehensive Lake Management Planning effort • Complete 2 Shoreline Stabilization Projects That also Encourage Shore land Buffer Plantings as Part of Restoration Work Close • 5 To 10 Unused Groundwater Wells Per Year • Complete expansion of existing DNR funding Healthy Lakes Grant • Utilize existing data that shows areas with highest nitrate well water issues to focus reduction efforts in those areas 	<ul style="list-style-type: none"> • Complete 2 Shoreline Stabilization Projects • Complete 5 to 10 Well Abandonments Per Year • Install 5 fish sticks and 3 native buffer plantings thru DNR Healthy Lakes Grant
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• *Forestry*

Forestry	<p>Promote tree planting thru County Tree sale program</p> <p>Work with WDNR to promote sustainable forestry and utilize EQIP driven forest management programs</p>	Sell 40,000 trees and shrubs	
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• *Invasive*

Invasive species	<ul style="list-style-type: none"> • Assist Local Surface Water Bodies With Implementing Existing Aquatic Plant Management Plans To Control Invasive Species • Work with WDNR and NRCS to promote terrestrial invasive species management programs • Work with Golden Sands RC&D to evaluate opportunities to partner with there invasive species resources 	<ul style="list-style-type: none"> • Complete 1 Review of APM Implementation With Lazy Lake • Document completion of APM plan for silver lake • Become member of Golden Sands RC &D
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• *Wildlife*

Wildlife-Wetlands-Habitat (other than forestry or invasive species)	<ul style="list-style-type: none"> • Expand use of DNR Healthy Lakes Grant • Promote value of woody habitat in lake ecology 	<ul style="list-style-type: none"> • Install 300 square feet of native shoreline buffer planting • Install 5 fish stick projects on Swan and Park Lake • Install 4 Native Shoreline Buffers
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**Columbia County 2020 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

- *Urban*

Urban issues		
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- *Watershed*

Watershed strategies	<ul style="list-style-type: none"> • TMDL Implementation Continue To Work With DNR To Evaluate Next Steps Towards Implementation and use of TMDL targeted information • Evaluate Role 9 Key Element Planning May Have In LWCD Programming, Evaluation • Complete Design and Implementation of BMP Tracking System Component of Columbia County Ascent Data Base Management System. • Plan & Implement 3rd year of BMP implementation in cooperation with Yahara WINS adaptive management project • Complete year 1 of nutrient trading agreement with City of Columbus in Rock River TMDL • Push to get 70% NMP 590 coverage in high loading TMDL watersheds, so we can pursue additional use of Snap Plus field scale data to target more P reductions to meet goals • Work to develop interest in Producer Led Council in Columbia County 	<ul style="list-style-type: none"> • Conduct 3 Presentations In TMDL Watershed Focus Areas To Landowners and Citizens To Help Them Understand Relationship Role • Provide 500 hours of Outreach & Education To Landowners Regarding The Specific Role Watershed Management Thru Conservation BMP Adoption Plays Towards The Success of Any and All Watershed Strategies • Develop 4 Quality Articles For Newsletter And Publish One News Story About Watershed Issues • Completion of Ascent Data Base Management System For BMP's, And Have The Ability To Monitor and Report BMP Installation and P Reduction By Watershed Location • Conduct 1 Fall Annual Conservation Tour Promoting The Context Of Any and All Watershed Improvement Projects. • Implement 2 harvestable buffer contracts and projects in cooperation with Yahara WINS project. • Install 10 nutrient reducing upland conservation practices in Rock River TMDL • Host 2 Producer Led Council kickoff meetings.
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- *Other*

Other	<ul style="list-style-type: none"> • Conduct Group And Individual Meetings With Landowners And Government Entities To Further Increase Knowledge and Participation In Farmland Preservation Program (FPP) And/or AEA Designation • Work directly with the Towns of Scott and Randolph to expand FPP opportunities. 	<ul style="list-style-type: none"> • Conduct Outreach Meetings For Town of Randolph and Town Of Scott Regarding AEA Opportunities As Agreements Expire In These Uncertified Townships. • Complete 2 New AEA Contracts With Landowners In Town of WestPoint AEA. • Host 2 meetings with Towns of Randolph and Scott to discuss FPP zoning and AEA
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**Columbia County 2020 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	10	5
Manure storage closure	5	2
Livestock facility siting		
Nonmetallic/frac sand mining		
Stormwater and construction site erosion control		
Shoreland zoning	10	10
Wetlands and waterways (Ch. 30)		
Other		

Table 3: Planned inspections

Inspections	Number of inspections planned
Total Farm Inspections	245
For FPP	200
For NR 151	30
Animal waste ordinance	10
Livestock facility siting	
Stormwater and construction site erosion control	
Nonmetallic mining	

Table 4: Planned outreach and education activities

Activity	Number
Tours	1
Field days	5
Trainings/workshops	15-20
School-age programs (camps, field days, classroom)	5
Newsletters	6
Social media posts	12
News release/story	6

**Columbia County 2020 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

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

Staff/Support	Hours	Costs
<i>Director, 4 specialist, Adm and intern</i>	12008	\$492,010
Cost Sharing (can be combined)		
<i>Bond (LWRM)</i>	<i>N/A</i>	<i>\$101,530</i>
<i>SEG</i>	<i>N/A</i>	<i>\$85,000</i>
<i>Columbus Trading</i>	<i>N/A</i>	<i>\$7000</i>
<i>Yahara WINNs</i>	<i>N/A</i>	<i>\$35,000</i>
<i>TRM funding</i>	<i>N/A</i>	<i>\$476,789</i>

CORRESPONDENCE/MEMORANDUM _____ **State of Wisconsin**

DATE: May 1, 2020

TO: Land and Water Conservation Board Members and Advisors

FROM: Lisa K. Trumble, DATCP *Lisa K. Trumble*
Resource Management Section,
Bureau of Land and Water Resources

SUBJECT: Recommendation for Approval of the *Iron County Land and Water Resource Management Plan*

Action Requested: This is an action item. The department has determined that the *Iron County Land and Water Resource Management Plan* meets applicable statutory and rule requirements and requests that the LWCB make a recommendation regarding approval of the plan consistent with the Board's guidance.

Summary: The plan is written as a 10 year plan, and if approved, the plan would remain in effect through December 31, 2030, and would be subject to a five year review prior to December 31, 2025.

DATCP staff reviewed the plan using the checklist and finds that the plan complies with all the requirements of section 92.10, Wisconsin Statutes, and Chapter ATCP 50, Wisconsin Administrative Code.

To qualify for 10 year approval of its plan, Iron County must submit an annual work plan meeting DATCP requirements during each year of its 10 year plan approval.

Iron County held a public hearing on July 8, 2020, as part of its public input and review process. The Iron County Land Conservation Committee will present the LWRM plan for County Board approval after receiving a recommendation for approval from the LWCB.

Materials Provided:

- LWRM Plan Review Checklist
- Completed LWRM Plan Review form
- 2019 workplan with accomplishments and current 2020 workplan

Presenters: Heather Palmquist, Iron County Conservationist
William Thomas, Land Conservation Committee Chair



Wisconsin Dept. of Agriculture, Trade and Consumer Protection
 Agricultural Resource Management Division
 2811 Agriculture Drive, PO Box 8911
 Madison WI 53708-8911
 Phone: (608) 224-4608

Land and Water Resource Management (LWRM)

LWRM Plan Review Checklist

Wis. Stats. § 92.10 & Wis. Adm. Code § ATCP 50.12.

County: IRON

Date Plan Submitted for Review: 11/15/2019

I. ADVISORY COMMITTEE		Yes	No	Page
1.	Did the county convene a local advisory committee that included a broad spectrum of public interests and perspectives (such as affected landowners, partner organizations, government officials, educational institutions)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	i
II. PUBLIC PARTICIPATION AND COUNTY BOARD APPROVAL				Date(s)
1.	Provide the dates that the local advisory committee met to discuss the development of the LWRM plan and the county plan of work			10/21, 10/29, 11/13 2019
2.	Provide the date the county held a public hearing on the LWRM plan ¹			3/11/20
3.	Provide the date of county board approval of the plan, or the date the county board is expected to approve the plan after the LWCB makes its recommendation. ²			June
III. RESOURCE ASSESSMENT AND WATER QUALITY OBJECTIVES		Yes	No	Page
1.	Does the plan include the following information as part of a county-wide resource assessment:			
a.	Soil erosion conditions in the county ³ , including:			
i.	identification of areas within county that have high erosion rates or other soil erosion problems that merit action within the next 10 years	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7,14, 16
b.	Water quality conditions of watersheds in the county ³ , including:			
i.	location of watershed areas, showing their geographic boundaries	<input checked="" type="checkbox"/>	<input type="checkbox"/>	13
ii.	identification of the causes and sources of the water quality impairments and pollutant sources	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7-10 20-24

¹ Appropriate notice must be provided for the required public hearing. The public hearing notice serves to notify landowners and land users of the results of any determinations concerning soil erosion rates and nonpoint source water pollution, and provides an opportunity for landowners and land users input on the county's plan. Individual notice to landowners is required if the landowners are referenced directly in the LWRM plan. DATCP may request verification that appropriate notice was provided.

² The county board may approve the county LWRM plan after the department approves the plan. The plan approved by the county board must be the same plan approved by the department. If the department requires changes to a plan previously approved by the county board, the department's approval does not take effect until the county board approves the modified plan.

³ Counties should support their analysis of soil and water conditions by referencing relevant land use and natural resource information, including the distribution of major soil types and surface topographic features, and land use categories and their distribution. Sec. ATCP 50.12(3)(b) requires that a county assemble relevant data, including relevant land use, natural resource, water quality and soil data.

- | | | | |
|---|-------------------------------------|--------------------------|----------------|
| iii. identification of areas within the county that have water quality problems that merit action within the next 10 years. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 20,21-24,27-29 |
|---|-------------------------------------|--------------------------|----------------|

2. Does the LWRM plan address objectives by including the following:

- | | | | |
|---|-------------------------------------|--------------------------|------------------|
| a. specific water quality objectives identified for each watershed based upon the resource assessment, if available | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 11,14,16
AppC |
| b. pollutant load reduction targets for the watersheds, if available | <input checked="" type="checkbox"/> | <input type="checkbox"/> | link |

Other comments: Iron County linked watershed reports available

IV. DNR CONSULTATION	Yes	No	Page
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- | | | | |
|--|-------------------------------------|--------------------------|---|
| 1. Did the county consult with DNR ⁴ to obtain water quality assessments, if available; to identify key water quality problem areas; to determine water quality objectives; and to identify pollutant load reduction targets, if any; and to review NR 151 implementation | <input checked="" type="checkbox"/> | <input type="checkbox"/> | i |
|--|-------------------------------------|--------------------------|---|

Other comments: Iron county worked with the new NR 151 coordinator Liz Usborn

V. PLAN IMPLEMENTATION	Yes	No	Page
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- | | | | |
|---|-------------------------------------|-------------------------------------|--------|
| 1. Does the LWRM plan include the following implementation components: : | | | |
| a. A voluntary implementation strategy to encourage adoption of farm conservation practices | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 65-67 |
| b. State and local regulations used to implement the plan | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Chap 3 |
| c. Compliance procedures that apply for failure to implement the conservation practices in ATCP 50, ch. NR 151 and related local regulations | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 65 |
| d. Relevant conservation practices to achieve compliance with performance standards and prohibitions and to address identified water quality and erosion problems | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 54,55 |
| e. A system for meeting county responsibilities to monitor the compliance of participants in the farmland preservation program | <input type="checkbox"/> | <input checked="" type="checkbox"/> | N/A |

- | | | | |
|--|-------------------------------------|--------------------------|------|
| 2. Does the LWRM plan (or accompanying work plan) estimate: | | | |
| a. expected costs of implementing the plan including cost-sharing for conservation practices needed to achieve plan objectives | <input checked="" type="checkbox"/> | <input type="checkbox"/> | W.P. |

⁴ While requirements for DNR consultation may be satisfied by including relevant DNR representatives on the advisory committee, counties may also need to interact with DNR staff in central or regional offices to meet all of the consultation requirements. DNR may point counties to other resources to obtain information including consultants who can calculate pollutant load reduction targets.

b. the staff time needed to provide technical assistance and education and outreach to implement the plan.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	W.P. tables 23&24
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3. Does the LWRM plan describe a priority farm strategy designed to make reasonable progress in implementing state performance standards and conservation practices on farms appropriately classified as a priority	<input checked="" type="checkbox"/>	<input type="checkbox"/>	67
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Other comments: Iron County has no Farmland Preservation Participants

VI. OUTREACH AND PARTNERING	Yes	No	Page
1. Does the LWRM plan describe a strategy to provide information and education on soil and water resource management, conservation practices and available cost-share funding	<input checked="" type="checkbox"/>	<input type="checkbox"/>	74, AppA, Table 21
2. Does the LWRM plan describe coordination activities with local, state and federal agencies?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	64, 90

Other comments: _____

VII. WORK PLANNING AND PROGRESS MONITORING	Yes	No	Page
1. Does the county's most recent annual work plan ⁵ do both of the following:			
a. Provide measurable performance benchmarks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NA
b. Identify priorities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NA
2. Does the LWRM plan describe a strategy and framework for monitoring county progress implementing its plan including methodology to track and measure progress in meeting performance benchmarks and plan objectives	<input checked="" type="checkbox"/>	<input type="checkbox"/>	91, Table 21 & 23

Other comments: Iron county has an active volunteer and citizen monitoring groups

VIII. EPA SECTION 319 CONSIDERATIONS
1. IS THE COUNTY WORKING WITH DNR TO SEEK EPA APPROVAL OF THIS PLAN AS MEETING THE REQUIREMENTS OF A 9 KEY ELEMENT PLAN UNDER SECTION 319 OF THE CLEAN WATER ACT: NO

⁵ Counties must submit annual work plan by no later than April 15th of every year to meet the requirement in s. ATCP 50.12(2)(i) for counties to have multi-year work plans.

STAFF RECOMMENDATION

Staff has reviewed the above-referenced county LWRM plan based on the criteria required in s. ATCP 50.12, Wis. Admin. Code, and s. 92.10, Stats., and has determined that the plan meets the criteria for DATCP approval of this plan. This checklist review is prepared to enable the LWCB to make recommendations regarding plan approval, and for DATCP to make its final decision regarding plan approval.

Staff Signature: *Lisa K. Trumble*

Date: May 15, 2020



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

County: Iron County

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.

GOAL 1: Activities- Present programs on shoreland best management practices, erosion control techniques; Disseminate shoreland info through media, newsletters, Facebook and website; Promote native plantings through plant sale; Utilize state funds to provide cost-share incentives for erosion control and riparian habitat; Assist zoning with development of shoreland mitigation plans to ensure compliance with NR115; Assist zoning with revision of Shoreland Zoning Ordinance.

Accomplishments- 9 shoreland programs 245 attendees; 15 news articles, 60 FB posts, 7 newsletter articles, website updated as necessary; 18,359 grass & wildflower plugs, 10,076 trees & shrubs sold; **Cost-Shares:** 3 streambank/shoreland stabilizations, 5 critical area plantings; 6 shoreland mitigation plans; 2016 adopted shoreland zoning ordinance
Planning- Adapted to pollinator decline by introducing "pollinator packs" in plant sale. Planning adjustments were made after the flood events to give priority cost share funding to properties affected by the flood.

GOAL 2: Activities- Present 2 edu. programs annually to lake/river groups; Conduct programs for local schools on ENVIROTHON, conservation poster & speaking contest, water related programs; Coordinate WLWCA youth Conservation Camp annually; Encourage lake groups and students to collect WQ data through Citizen Lake Monitoring Network (CLMN); Coordinate Woods & Waters Project to collect WQ data, loon reproduction & riparian plants; Provide technical assistance & cost-share to landowners for erosion control concerns for storm water runoff issues; Provide assistance & promote BMP's for WQ to municipalities, HWY Dept, Forestry & private landowners; Coordinate with partners to identify failing culverts/fish barriers.

Accomplishments - 17 lake/river programs, 360 attendees; 300 youth programs, 2,014 participants, 342 posters, 152 speeches; 121 campers; 32 lakes monitored (18 long-term), 3 streams; 280 students through loon project 32 project field days; 3 streambank/shoreland stabilization, 3 stormwater practices installed; 10 stream crossing practices installed; participated in USFWS stream crossing study, job checked all LWCD stream crossing projects after 2016 flood.

Planning - This goal and objectives is a large portion of the last 10 year's plan, as so, it dictated we spend a substantial amount of staff time and effort to achieve these objectives/activities. As staff focused on this goal, there was great success achieved in the measureables associated.

GOAL 3: Activities- Assist Health Dept. w/home drinking water & Nitrate screening tests of private wells for chemicals; host workshop for results
Accomplishments - 3 testing programs - 150+ tests; 2 workshops, 50+ attendees.
Planning - The planning process assisted in fostering a partnership with the Health Dept and with UWEX to offer groundwater testing every other year. Extra testing in 2016 in the area of the county affected by the flood was done to ensure the safety of private wells.

GOAL 4: Activities- Coordinate CBCW & Citizen Lake Monitoring workshops; Provide programs to students, garden groups & nurseries; Develop, install, and maintain AIS signage at boat landings; Utilize GIS to map aquatic & terrestrial infestations within the county; Develop annual AIS report for township/county board; Monitor and treat invasives along recreational trails.

Accomplishments- 50 volunteers trained, CBCW- 15,126 people contacted, 6,806 inspected boats; 42 presentations, 1,026 attendees; Boat landing signage monitored/updated annually; Invasive species GIS layers created & maintained; 10 reports on Invasive program; 22 Purple Loosestrife workdays, 15 Garlic mustard workdays, 5 Giant hogweed workdays, 12 Wild parsnip workdays.

GOAL 5: Activities- Coordinate Woods Project teaching sustainable forestry practices while studying the American Marten; Attend regular meetings/provide feedback to towns, Co Board & committees to support updates to the Comprehensive plan; Utilize Cost-Share funds to encourage compliance with NR 151 for producers & cranberry operators.

Accomplishment- 314 students, 80 field days on Woods Project; Provided feedback as requested for Comp Plan; Implemented 8 agriculture practices on 2 farms.

Planning- The planning process has strengthened the Marten Project/Woods Project with youth, it has solidified the partnership with the Forestry Dept.

GOAL 6: Activities - Promote stream health through stream restorations

Accomplishments - 475+ linear feet of stream restored.

Planning - Adjustments were made to prioritize work on stream restoration work resulting from the 2016 & 2018 flood events. Each case needed to be analyzed due to substantial costs of restorations after the magnitude of damage, priority was given to trout streams.

Planning: Overall, developing the LWRM Plans, helps in applying for grants as we can reference specific goals/objectives/activities that match grant requirements or meet deliverables. Iron County heavily relies on different grants to support programs, the LWRM Plan helps to show grantees we have a plan in place and need assistance to accomplish the plan.

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.

Agricultural practices and programs have been a shortfall for the department. There are a couple of factors that contribute to this. The major factor is the limited staff in the LWCD.

The other major factor is the lack of interest from the small agricultural community. Iron County is rich in forest and water, over 86% of the county is forested, 6% is surface water, 32% wetland and only 1.6% is agricultural land. Given the low amount of agricultural land/farms coupled with the lack of interest to participate in conservation programs the LWCD staff focuses on other natural resource concerns.

Groundwater education in schools has been one area in our educational programming that has been lacking. Again, due to staffing, all other areas of education and outreach have expanded, however, groundwater education is an area we could improve upon.

The set number of 5 job checks a year for past cost-share projects has also been a measurement not often met. Job checks are done, however, 5/year is not met, again due to the lack of staffing. Staff has dramatically increased the number of site visits to provide technical assistance and has also vastly increased the interest in the cost-share programs, job checks have fallen to the wayside.

Annual tours for the LCC has also been a shortfall. Earlier when the LCC was surveyed on level of interest for a tour it was decided not to have one. In the past couple of years the LCC has taken on more interest, the staff has been unable to organize a tour, again due to workload.

While working with the sub-committee who helped evaluate the old work plan and develop the new work plan it became clear that the work load set out in both the old plan and the new one is for a staff of three. We don't want to cut objectives/activities as we feel they are all important and wish to work on each one. In the last two years I have been able to get the county to commit to supporting the remaining portion of the second position so we don't have to rely on grants, making the position more stable. With this commitment, and a new work plan set in place we can look into applying for funds to create another position and achieve more in the next 10 years.

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?

The LCC adopted a tiered system for implementing cost-share dollars giving first priority to funding agriculture practices. When farmers are interested, the LWCD encourages them to work with NRCS for funding and technical assistance in order to stretch the cost-share program. Iron County has very few farms, many of which have implemented practices on their land over the last 10-15 years, some do not wish to participate in government programs. Iron County does not have anyone enrolled in Farmland Preservation, and has had no interest in the program. Farmers have been contacted on updating nutrient management plans with no interest from the agriculture community. Iron County does not have ordinances on agriculture practices, the LWCD works only with voluntary landowners as they have no regulatory authority. Over the last 5-years the LWCD has been successful in working with one farmer consistently on conservation practices. Given the lack of staffing within the LWCD and the small number of farms in the county, the LWCD focuses on other natural resource concerns.

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.

The sub-committee that was created to evaluate the previous work plan and look forward to the next 10 years, changed a great deal. We agreed on cleaning up the wordy goals to make them clear and concise. Each objective and activity were reviewed, some deleted, some were left unchanged, others were revised, and some newly created.

Goal 1) Increase public's level of environmental knowledge and stewardship.

Objective A: Educate the public about the importance of riparian buffers & maintenance of shoreland habitat.

Objective B: Work with local student & citizens to provide educational opportunities that build awareness of conservation & foster responsible actions.

Objective C: Educate the public about how land use affects groundwater quality & quantity.

Objective D: Promote education to the public on well water testing.

Objective E: Provide education & outreach to build awareness of aquatic & terrestrial invasive species.

Goal 2) Protect and enhance surface water and groundwater quality.

Objective A: Encourage shoreland protection & lake management planning activities.

Objective B: Promote monitoring & data collection.

Objective C: Protect water quality by reducing soil erosion & stormwater runoff, including reduction of impervious surfaces.

Objective D: Identify priority fish passage barriers & failing culverts with natural resource impacts.

Objective E: Monitor groundwater quality throughout the county.

Objective F: Promote proper well abandonment program.

Objective G: Promote the importance of wetlands for water quality & flood control.

Goal 3) Promote sustainable land use practices.

Objective A: Implement practices that restore & protect degraded habitat by working with private landowners & local partners.

Objective B: Promote monitoring & data collection.

Objective C: Reduce nutrient inputs & promote compliance with NR 151 standards.

Objective D: Preserve agricultural lands, promote rotational grazing & protect croplands from wildlife damage.

Objective E: Encourage sustainable forestry management practices at the private & county level.

Objective F: Collaborate with external partners to share information, project costs & natural resource planning strategies.

Goal 4) Mitigate invasive species impacts.

Objective A: Promote monitoring & data collection.

Objective B: Monitor & document invasive species throughout the county.

Objective C: Coordinate implementation of aquatic & terrestrial invasive species prevention & control.

Objective D: Collaborate with external partners to share information, project costs & natural resource planning strategies.

Goal 5) Maintain a well-trained professional staff.

Objective A: Promote staff participation in regional & state conservation groups/organizations.

Objective B: Support professional development.

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)

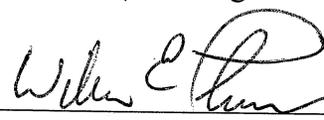
Guidance on Board Review Process

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:

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



Date:

5/14/2020

Send completed form and attachments to:

Lisa.Trumble@wi.gov

**IRON COUNTY 2019 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>Livestock</i> 		
<p>Livestock Goal 5 – Objective B: Preserve agricultural lands, promote rotation grazing & protect croplands from wildlife damage.</p>	<p><i>Provide information on rotational grazing</i> <i>Promote working lands & other agricultural tax incentive programs.</i></p>	<p><i>Prescribed grazing project – 3,800 ln ft of livestock fencing – BOND \$8,000</i></p> <p><i>Promote FPP with Iron Co Farmers.</i></p>
<ul style="list-style-type: none"> • <i>Water quality</i> 		
<p>Water quality/quantity Goal 1 – Objective A: Educate the public about the importance of riparian buffers & maintenance of shoreland habitat</p> <p>Objective B: Implement practices that restore & protect degraded habitat by working with private landowners & local partners</p> <p>Objective D: Identify priority sources of non-point pollution & fish passage barriers.</p>	<p><i>Present programs on shoreland BMP’s, erosion control techniques, & importance of littoral & upland native plants</i></p> <p><i>Utilize state funds to provide cost-share incentives for installation of erosion control & riparian habitat</i></p> <p><i>Promote cost-share program to shoreland owners</i></p> <p><i>Job check 3 restorations/mitigations annually to monitor maintenance & recovery of buffer vegetation</i></p> <p><i>Coordinate with partners to identify failing culverts/fish barriers</i></p>	<p><i>Presentations to lake groups -2+ programs</i> <i>Target 50+ attendees</i></p> <p><i>Repair erosion on Turtle Flambeau Flowage, technical assistance & implement restoration - Grant Funds \$4,875.00</i></p> <p><i>Provide technical assistance and cost share for shoreline stabilization on Trude Lake and Spider Lake - BOND \$12,000</i></p> <p><i>Conduct Shoreland Habitat Surveys on 2 lakes</i> <i>Compile data & present to lake groups to encourage BMP’s on property</i></p> <p><i>Review 3 restorations annually for compliance & make recommendations for maintenance if necessary</i></p> <p><i>Replace 6 stream crossings & restore fish passage</i> <i>Cost share 6 stream crossing projects – BOND – \$30,000</i></p>

**IRON COUNTY 2019 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

- *Forestry*

<p>Forestry Goal 5 – Objective C: Encourage sustainable forest management practices at the private & county level.</p>	<p><i>Coordinate Woods Project teaching sustainable forestry practices while studying the American marten.</i></p>	<p><i>Host field outings – 12 annually. Provide info to landowners on managing forests for wildlife Present data to public Present to Forestry Board annual report</i></p>
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- *Invasive*

<p>Invasive species Goal 4 – Objective A: Provide education & outreach to build awareness of aquatic & terrestrial invasives.</p> <p>Objective B: Develop program, monitor for & document invasive species throughout the county.</p> <p>Objective C: Coordinate implementation of invasive species prevention & control.</p>	<p><i>Update & maintain information on the LWCD website and Facebook page.</i></p> <p><i>Utilize GIS to map aquatic & terrestrial infestations within the county</i></p> <p><i>Conduct education & outreach at boat landings through CBCW program</i></p> <p><i>Provide technical/financial assistance on workdays to control/remove invasive species</i></p>	<p><i>Update educational articles and post events to keep public's interest and awareness</i></p> <p><i>Conduct AIS survey work on the Turtle Flambeau Flowage - Report all findings to DNR via SWIMS Assist volunteers on Purple loosestrife survey work</i></p> <p><i>Monitor TFF landings – 200+ hours at landings</i></p> <p><i>5 species targeted – Purple loosestrife, Garlic mustard, Giant hogweed, Wild parsnip 5 workdays scheduled Engage landowners to monitor property for treatment efficacy</i></p>
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- *Wildlife*

<p>Wildlife-Wetlands-Habitat Goal 1 – Objective A: Educate the public about the importance of riparian buffers & maintenance of shoreland habitat.</p>	<p><i>Promote shoreland restoration through LWCD plant sale</i></p>	<p><i>Distribute 300+ plant sale brochures Distribute 2000+ native grasses, flowers, shrubs and trees</i></p>
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- *Watershed*

<p>Watershed strategies Goal 2 – Objective B: Promote monitoring & data collection.</p>	<p><i>Assist lake, stream & wetland monitoring groups with expertise in data collection & reporting efforts to support climate change data recording</i></p>	<p><i>Continue long term water quality monitoring program on the Montreal River Watershed. Conduct monthly water quality testing at 4 sites within the watershed Recruit volunteers for the WAV program</i></p>
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**IRON COUNTY 2019 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

- *Other*

<p>Other Goal 2 – Objective A: Work with local students & citizens to provide educational opportunities that build awareness of water conservation & foster responsible actions.</p> <p>LWRM Plan Re-write</p>	<p><i>Conduct programs for local school on ENVIROTHON, conservation & speaking contest, water related programs etc</i></p> <p><i>Coordinate WLWCA Youth Conservation Camp</i></p> <p>Re-write the LWRM Plan for Iron County.</p>	<p><i>Support Envirothon team for state</i> <i>Provide 5 training/informational meetings</i> <i>Present 2 programs for poster & speaking competition – 50+ entries</i></p> <p><i>Coordinate Camp educating 25 students on conservation careers and topics</i> <i>Conduct meetings to develop a revised 10 year LWRM Plan with a steering committee.</i></p>
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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	NA
Manure storage construction and transfer systems	NA	NA
Manure storage closure	NA	NA
Livestock facility siting	NA	NA
Nonmetallic/frac sand mining	NA	NA
Stormwater and construction site erosion control	NA	NA
Shoreland zoning	NA	NA
Wetlands and waterways (Ch. 30)	NA	NA
Other	NA	NA

**IRON COUNTY 2019 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

Table 3: Planned inspections

Inspections	Number of inspections planned
Total Farm Inspections	1
For FPP	0
For NR 151	1
Animal waste ordinance	NA
Livestock facility siting	NA
Stormwater and construction site erosion control	NA
Nonmetallic mining	NA

Table 4: Planned outreach and education activities

Activity	Number
Tours	2
Field days	10
Trainings/workshops	5
School-age programs (camps, field days, classroom)	30
Newsletters	12
Social media posts	15
News release/story	

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

Staff/Support	Hours	Costs
<i>County Conservationist</i>	2080	\$75,728
<i>Conservation Specialist</i>	2080	\$74,150
<i>Wildlife Damage</i>	520	\$13,530
LTE	1200	13,000
Cost Sharing (can be combined)		
<i>Ex. Bonding</i>	N/A	\$49,509
<i>Ex. SEG</i>	N/A	\$0
<i>Ex. MDV</i>	N/A	\$0

**IRON COUNTY 2020 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> 		
Goal 3: Objective C: Reduce nutrient inputs & promote compliance with NR 151 standards.	<ol style="list-style-type: none"> 1. <i>Distribute NR 151 agricultural performance standards information to landowners.</i> 	<ul style="list-style-type: none"> • <i>Distribute information to agricultural producers on programs/assistance available, to encourage participation in program.</i>
<ul style="list-style-type: none"> • <i>Livestock</i> 		
Goal 3: Objective C: Reduce nutrient inputs & promote compliance with NR 151 standards.	<ol style="list-style-type: none"> 2. <i>Distribute NR 151 agricultural performance standards information to landowners.</i> 	<ul style="list-style-type: none"> • <i>Distribute information to agricultural producers on programs/assistance available, to encourage participation in program.</i>
<ul style="list-style-type: none"> • <i>Water quality</i> 		
<p>Goal 1: Objective A: Educate the public about the importance of riparian buffers & maintenance of shoreland habitat.</p> <p>Objective B: Work with local students & citizens to provide educational opportunities that build awareness of conservation & foster responsible actions.</p> <p>Goal 2: Objective A: Encourage shoreland protection & lake management planning activities</p>	<ol style="list-style-type: none"> 5. <i>Promote shoreland restoration through LWCD plant sale.</i> 3. <i>Present 2+ education programs annually to lakes/river groups.</i> 1. <i>Encourage lake/river groups to develop management plans.</i> 	<ul style="list-style-type: none"> • <i>Distribute 200+ order forms; target 2,000+ native plants sold.</i> • <i>Conduct 2+ programs; target 40 people.</i> • <i>Assist Spider, Rice and Pike Lakes in their planning efforts as requested.</i>

**IRON COUNTY 2020 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

<p>Objective B: Promote monitoring & data collection</p> <p>Objective C: Protect water quality by reducing soil erosion & stormwater runoff, including reduction of impervious surfaces.</p> <p>Objective D: Identify priority fish passage barriers and failing culverts with natural resource impacts.</p> <p>Goal 3: Objective A: Implement practices that restore & protect degraded habitat by working with private landowners & local partners.</p> <p>Objective B: Promote monitoring & data collection.</p>	<ol style="list-style-type: none"> 1. <i>Encourage ICLRA, lake groups & students to collect WQ data for self-help & CBM.</i> 1. <i>Provide technical assistance & cost-share to landowners for erosion concerns or stormwater runoff issues.</i> 1. <i>Coordinate with partners to identify failing culverts/fish barriers.</i> 2. <i>Assist Zoning with development of shoreland mitigation plans so they are in compliance with NR115.</i> 3. <i>Develop & promote a pollinator program.</i> 1. <i>Job check restorations/mitigations annually to monitor maintenance and recovery of buffer vegetation.</i> 5. <i>Conduct shoreland habitat assessment surveys.</i> 	<ul style="list-style-type: none"> • <i>Support volunteer efforts on 32 lakes.</i> • <i>\$8,400 BOND Trude Lake shoreland stabilization/critical area.</i> • <i>\$5,000 NRF Grant shoreland stabilization on Turtle Flambeau Flowage DNR Campsite.</i> • <i>Design 3 Shoreland stabilization projects on Trude Lake; total cost \$70,000 – possibly apply for grant funding.</i> • <i>\$47,600 BOND stream crossings – 4 crossings, towns of Anderson, Gurney, Oma, Iron County.</i> • <i>Develop/implement 2 mitigation plans.</i> • <i>Promote pollinator gardens through the native plant sale.</i> • <i>Incorporate pollinator species in shoreline restorations – Trude Lake project.</i> • <i>Review 5 projects for maintenance.</i> • <i>1-2 lakes.</i>
<p>• <i>Forestry</i></p> <p>Goal 1: Objective B: Work with local students & citizens to provide educational opportunities that build awareness of conservation & foster responsible actions.</p>	<ol style="list-style-type: none"> 9. <i>Promote education about forest management & BMP's for water quality.</i> 	<ul style="list-style-type: none"> • <i>Update website.</i> • <i>1 Conservation on Tap Forestry & BMP's for WQ.</i>

**IRON COUNTY 2020 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

<p>Goal 3: Objective E: Encourage sustainable forest management practices at the private & county level.</p>	<p>1. <i>Coordinate woods project teaching sustainable forestry practices while studying the American marten.</i></p>	<ul style="list-style-type: none"> • 12 outings; 25 students. • Present data to public through annual project report.
<ul style="list-style-type: none"> • <i>Invasive</i> 		
<p>Goal 1: Objective E: Provide education & outreach to build awareness of aquatic & terrestrial invasive species.</p> <p>Goal 4: Objective A: Promote monitoring & data collection.</p> <p>Objective B: Monitor & document invasive species throughout the county.</p> <p>Objective C: Coordinate implementation of aquatic & terrestrial invasive species prevention & control.</p> <p>Objective D: Collaborate with external partners to share information, project costs & natural resource planning strategies.</p>	<p>1. <i>Train citizens & volunteer groups to identify aquatic and terrestrial invasive species.</i></p> <p>5. <i>Update and maintain information on the LWCD website.</i></p> <p>1. <i>Conduct early detection AIS surveys.</i></p> <p>3. <i>Utilize GIS to map aquatic and terrestrial infestations within the county.</i></p> <p>4. <i>Develop annual AIS report for township and/or county.</i></p> <p>2. <i>Provide technical/financial assistance on workdays to control/remove invasive species.</i></p> <p>1. <i>Attend regular meetings with NCWMA, USFS, DNR, UW-Madison Extension, GLIFWC, and other partners to plan projects & field days to control invasive species.</i></p> <p>3. <i>Assist as requested with development of grants/projects for data collection of aquatic plants, invasive species, climate monitoring, self-help, etc.</i></p>	<ul style="list-style-type: none"> • <i>Host 1 AIS workshop; target 25 attendees</i> • <i>Host 1 terrestrial invasive species field day workshop; target 10 attendees.</i> • <i>Update website and Facebook page with invasive trainings & info as necessary.</i> • <i>Survey 1-2 lakes.</i> • <i>Further develop & maintain the GIS database.</i> • <i>Provide annual report on website.</i> • <i>Provide assistance through workdays.</i> • <i>Maintain relationships with partners to protect Iron County's resources from invasive species.</i> • <i>Assist Pike Lake with Early Detection Response Grant.</i>

**IRON COUNTY 2020 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	NA	NA
Manure storage construction and transfer systems	NA	NA
Manure storage closure	NA	NA
Livestock facility siting	NA	NA
Nonmetallic/frac sand mining	NA	NA
Stormwater and construction site erosion control	NA	NA
Shoreland zoning	NA	NA
Wetlands and waterways (Ch. 30)	NA	NA
Other	NA	NA

Table 3: Planned inspections

Inspections	Number of inspections planned
Total Farm Inspections	<i>1</i>
For FPP	<i>NA</i>
For NR 151	<i>1</i>
Animal waste ordinance	NA
Livestock facility siting	NA
Stormwater and construction site erosion control	NA
Nonmetallic mining	NA

Table 4: Planned outreach and education activities

Activity	Number
Tours	1
Field days	8
Trainings/workshops	2
School-age programs (camps, field days, classroom)	13
Newsletters	2
Social media posts	12
News release/story	4

**IRON COUNTY 2020 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

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

Staff/Support	Hours	Costs
<i>County Conservationist</i>	2080	\$76,063
<i>Conservation Specialist</i>	2080	\$74,489
<i>Wildlife Damage Specialist</i>	520	\$18,528
LTE Staff (2)	1040	\$13,435
Cost Sharing (can be combined)		
<i>BOND</i>	200	\$55,215

CORRESPONDENCE/MEMORANDUM _____ **State of Wisconsin**

DATE: May 1, 2020

TO: Land and Water Conservation Board Members and Advisors

FROM: Lisa K. Trumble, DATCP *Lisa K. Trumble*
Resource Management Section,
Bureau of Land and Water Resources

SUBJECT: Five Year Review of the *Iowa County Land and Water Resource Management Plan*

Recommended Action: This is an action item. The LWCB should determine whether the county has met the LWCB's guidance and criteria for a five year review of a LWRM plan approved for ten years. If the LWCB makes a formal determination that the county has failed to meet the LWCB guidance, DATCP will automatically modify its order to terminate approval of the county's plan effective December of this year.

Summary: The Iowa County land and water resource management plan has been approved through December 31, 2025 contingent on a five year review conducted prior to December 31, 2020. In advance of the five year review, Iowa County has completed a DATCP approved form designed to implement the LWCB's June 2017 guidance and criteria for conducting a five year review. The county has provided written answers to four questions regarding past and future plan implementation, has provided the required work planning documents, and has appropriately involved the Land Conservation Committee.

The county has prepared either a PowerPoint presentation or a hand out to accompany its 5-8 minute snapshot regarding county resources and management issues.

Materials Provided:

- Completed Five Year Review Form
- 2019 Annual Workplan with Accomplishments
- 2020 Annual Workplan

Presenter: Katie Abbott, County Conservationist, Iowa County LCD
Dave Gallon, Land Conservation Committee Chair



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

County: Iowa

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 participation has increased by about 100 farms since 2016, resulting in 25 more compliance checks each year. FPP was identified as and it continues to be a primary method of implementing NR151 in our LWRM plan. Currently, 740 farms have Certificates of Compliance and 185 farms are visited each year.

Focus was placed on Nutrient Management Planning in 2016 to get all FPP participants in compliance. We have approximately 65,000 acres covered by current NMPs and cost-share 10-20 plans each year. Conservation planning is mentioned frequently in our LWRM plan; that is now done through NMPs, which are often written by consultants.

As the cost of NMPs has increased for farmers, we have adjusted our planning to address costs and increase the number of farmer-written plans. We've taken the lead on organizing trainings, have staff trained in SnapPlus, and have increased the number of classes offered and participants in our farmer trainings each year. We have increased NMP cost-share from \$4 to \$7 per acre. We've also adjusted our outreach strategies to reflect the benefits and cost-savings associated with following an NMP.

Structural practices implemented through cost-sharing have remained steady, with grassed waterways, contour strip layouts, well decommissions, stream crossings, bank stabilization, and spring developments as our most frequent practices. These practices are listed in our LWRM plan and annual work plans as ways to reduce erosion and improve water quality. Voluntary requests for assistance have not slowed and we continue to maintain a waiting list each year. We created a cost-share ranking system in 2019 to help us be more strategic in how we spend our money, with priority areas ranking higher.

Groundwater is the #2 priority in our LWRM plan. UW-Extension conducted some well testing and groundwater mapping work in the past. We have now taken well testing to the next level by partnering with Grant and Lafayette Counties on the Southwest Wisconsin Groundwater and Geology Study (SWIGG), which will give us reputable data on how much contamination we have, where it's coming from, and what factors are correlated to contamination.

Between 2017 and 2018 we had complete turnover in staff, which gave us an opportunity to assess and refine our planning. In late 2018 staff completed an impact mapping exercise, similar to strategic planning, to look at the long-term, on-the-ground impacts we hope to achieve, what conditions need to be in place for those impacts to occur, and what activities we can implement to try to create those needed conditions.

This impact mapping process highlighted some new issues not identified in our LWRM plan, especially resilience to climate change, overcoming financial barriers to conservation, and creating a culture of conservation in the farm community.

Adjustments to our work planning have mainly focused on developing communication and outreach strategies. We recognize that our cost-share and staffing levels will likely never be enough to fix all the soil and water issues in the County, nor is cost-sharing usually the best motivation for behavior change.

Our work plans now reflect the goals of building relationships with farm consultants, to make sure they are all aware of NR151 standards, identify and address any conflicts or barriers, and present a unified conservation message to farmers.

We are working to use farmer stories, peer learning, messages that match farmer's values, conservation as a problem-solving tool, and other strategies to increase behavior change and farmer engagement. This is reflected an increase in the number of field days and workshops. Additionally, we have created a newsletter that is attractive and easy to read. We purchased a rainfall simulator through grant awards, which we've used at multiple field days to show how field practices impact runoff, erosion, and infiltration.

Partnerships are one way to accomplish more without more funding or capacity. The County Conservationist has been an active member of two local partnerships, one a grassroots watershed group, and one a network of local, state, and federal partners whose goal is to increase grasslands for water quality and wildlife habitat. We've also worked more with our neighboring Counties and Extension to implement programs and discuss how to collectively address barriers and challenges to conservation.

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.

The acres of cover crops and no-till implement by our Department have decreased. This is partially because we do not cost-share these practices, and also due to the shift from conservation plans created by conservation staff to Nutrient Management Plans created by consultants. These practices are still stressed in our outreach and communications, and we will explore using SEG funds to cost-share no-till or cover crops in the future.

We did not cost-share any barnyard practices in 2017 and 2018, but have begun to focus on them more within 300 ft of streams in phosphorus-impaired watersheds.

A few items that were included in our LWRM plan have dropped off as priorities. We don't take on forestry projects anymore; with limited capacity, and DNR and private foresters to help landowners, it is not the best place to put our time. The County decided

not to implement a Livestock Siting Ordinance, and Township Comprehensive Plans have been completed, so we are not involved in those efforts.

We updated our Manure Storage and Management Ordinance in 2019, requiring any size storage to apply for a permit (there used to be a minimum size), increasing setbacks, and incorporating the four NR151 prohibitions for the first time. This gives us new tools to address problematic farms if offers of cost-share are unsuccessful.

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.

FPP remains our main method for NR151 implementation. Impaired watersheds are also listed as a way of prioritizing in our LWRM plan, and new tools have come along since then that have helped us prioritize within impaired watersheds:

In 2018 we used a DNR 319 grant to create a 9 Key Element Plan in two watersheds. This process required inventories on the ground as well as via GIS. The plan showed that barnyards near streams have a large and disproportionate impact to water quality.

High resolution air photos and Lidar have helped us use remote sensing technology to identify potential problems. For example, we have identified barnyards and feedlots within 300 feet of mapped streams in five watersheds via GIS. These inventories will help us prioritize where we focus our outreach and offers of assistance to farmers.

Another new program is the MDV phosphorus payments from local municipalities, which requires us to prioritize HUC12 watersheds to maximize the potential for phosphorus reductions. This prioritization will also help us rank our SWRM cost-share projects.

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.

One shift in our County has been more non-operator ownership of farms, as older farmers retire and lots are split off. In 2020 we plan to hold a workshop specifically for non-operator farm owners to help them understand conservation principles and how different lease arrangements can help foster more soil and water conservation.

Groundwater will continue to be an important focus of our time, outreach, and communications. Our 2020 plan continues the SWIGG study and adds a stakeholder meeting; we will have the study results toward the end of the year and need to work with farmers and stakeholders to decide what to do with the results.

We hope to begin implementation of our 9 Key Element Watershed Plan. We plan to apply for TRM or other grants for funding, as implementation requires more staff and cost-share than we currently have available.

Nutrient Management Planning is an important tool but is a challenge to implement. We are hopeful that with future updates to SnapPlus to make it more user-friendly we can significantly increase the amount of farmer-written plans.

Overall, while FPP and SWRM will continue to be our core programs, we recognize we cannot cost-share our way out of our soil and water problems. We will try to increase capacity where we can and be strategic with our resources. We will continue to learn about and implement best practices for behavior change and communication. Ultimately, we need buy-in from the entire agriculture community, and will do all we can to motivate and empower farmers to implement conservation practices with or without our direct assistance.

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.

Presentation Regarding County Resource Concerns

Prepare and present a 5-8 minute snapshot to the board regarding county resources and management issues. The county must prepare one of following as part of this brief presentation:

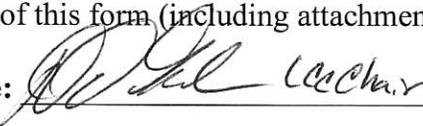
- a. A PowerPoint (showing what your county looks like, can include maps), or
- b. A hand out (2 page max)

Guidance on Board Review Process

The LWCB encourages and supports honest presentations from the county. 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: 2-19-2020

Signature of Authorized Representative:  **Date:** 2-19-2020
(e.g. County Conservationist, LCC chair)

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

**IOWA COUNTY 2019 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>Priority #1: Soil Erosion (& Priority #4: Nutrient Management)</p> <p>Control erosion to “T”</p> <p>Make cost-share available for grassed waterway construction</p> <p>Promote no-till and shorter rotation</p> <p>Promote Nutrient Management Planning and increase acres under an NMP</p> <p>FPP farm visits and self-certification</p>	<p>Assist farmers with laying contours and contour strips</p> <p>Provide cost-share for grassed waterways</p> <p>Work with landowners and agronomists to promote conservation</p> <p>Assist UWEX with farmer training</p> <p>Send reminders to landowners with new soil tests due; offer cost-share and/or training</p> <p>Provide nutrient management cost-sharing</p> <p>Conduct farm visits and carry out self-certification process</p>	<p>300 acres of new contours or contour strips; 1 grade stabilization structure <i>430.5 acres of contours and contour strips; 1 grade stabilization designed</i></p> <p>Install 5-10 acres of grassed waterways <i>4 acres of grassed waterways installed (1 cost-share, 2 technical assistance)</i></p> <p>Meet with 5-10 CCAs that work in the area <i>Five CCA meetings</i></p> <p>Train 40 farmers to write and/or update their own plans <i>29 participants</i></p> <p>Contact 200 landowners <i>163 reminder letters sent</i></p> <p>Cost share ~20 plans on 3,750 acres <i>12 plans totaling 2,226 acres (increased cost-share rate in 2019)</i></p> <p>Increase new NMP acres by 3,500 acres <i>1,552.8 acres</i></p> <p>Mail self-certification to all FPP participants (~745) <i>747 self-certifications mailed</i></p>
<ul style="list-style-type: none"> <i>Livestock</i> 		
<p>Priority #3: Animal Waste Management</p> <p>Assist with the Iowa County Manure Storage Ordinance</p> <p>Encourage barnyard runoff control systems where feasible</p>	<p>Assist the Planning & Development department with the County’s manure storage ordinance</p> <p>Use FPP and other farm visits to look for barnyard control opportunities</p>	<p>3 permit applications reviewed <i>0 permit applications; ordinance was updated</i></p> <p>3 roof runoff systems <i>3 systems installed (1 cost-share, 2 technical assistance)</i></p>

**IOWA COUNTY 2019 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

<p>Other: Promote rotational grazing</p> <p>Provide cost-sharing to improve grazing systems</p>	<p>Explore partnerships with UWEX to promote managed grazing</p> <p>Provide cost-sharing for watering systems or fencing</p>	<p>Updated website <i>partnered on one pasture walk</i></p> <p>4 spring developments <i>2 spring developments installed, 1 additional designed</i></p>
<p>• <i>Water quality</i></p>		
<p>Priority #2: Groundwater</p> <p>Continue the SW WI Groundwater & Geology study</p> <p>Encourage proper decommissioning of unused wells</p> <p>Priority #6: Riparian corridors</p> <p>Establish stream crossings and bank stabilization</p> <p>Promote CREP and administer state payments</p>	<p>Work with Grant & Lafayette County LCDs on coordination, landowner communication, and outreach</p> <p>Provide cost-sharing for well decommissioning</p> <p>Cost-share stream crossings and bank stabilization projects</p> <p>Process CREP agreements</p>	<p>Spring sampling event; three microbial sampling events; 5 presentations <i>4 sampling events completed; 7 presentations</i></p> <p>5 well decommissions <i>10 well decommissions</i></p> <p>500 ft of stream crossings <i>336' of stream crossings installed (1 cost-shared, 2 technical assistance), 84' bank stabilization installed; 434' additional stream crossings designed</i></p> <p>20 agreements <i>17 15-year agreements, 1 permanent easement</i></p>
<p>• <i>Forestry</i></p>		
<p>Priority #5: Forestry Promote sustainable forestry practices</p>	<p>Refer landowners to DNR or private foresters. Provide information on LCD website.</p>	<p>5 referrals; updated website <i>3 referrals</i></p>
<p>• <i>Invasive</i></p>		
<p>Invasive species Provide information on invasive species control as requested</p>	<p>Provide control advice and sources of further information upon request</p>	<p>5 landowners assisted; Website updated <i>3 landowners assisted</i></p>
<p>• <i>Wildlife</i></p>		
<p>Priority #7: Agricultural productivity Administer the Wildlife Abatement funds</p> <p>Other: Begin a prairie seed sale program</p>	<p>Process APHIS invoices and approve annual budget, claims, and rates.</p> <p>Work with Pheasants Forever and NRCS to set up seed sale program</p>	<p>Quarterly invoices; approvals at two LCC meeting <i>complete</i></p> <p>Five seed orders <i>program not started</i></p>
<p>• <i>Urban</i></p>		
<p>Urban issues N/A</p>		

**IOWA COUNTY 2019 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

• *Watershed*

<p>Watershed strategies</p> <p>Participate in the Iowa County Uplands Farmer-led Watershed Group (HUC 12#: 070700051204, 070700051203, 070700050704, 070700050703, 070700050702)</p> <p>Determine other priority areas for cost-sharing and outreach</p> <p>Continue participating in local agriculture-related partnerships and networks</p>	<p>Attend meetings, provide NMP and other technical assistance, assist with field days</p> <p>Use soil, groundwater, stream, and well data to determine priority areas via GIS</p> <p>Attend Lowery Creek Partnership (HUC12#: 070700051203) meetings; attend Southwest Grasslands Network meetings</p>	<p>4 meetings 5 meetings</p> <p>MDV priority areas chosen; plan submitted to DNR Priority areas chosen; plan in progress</p> <p>6 meetings 16 meetings</p>
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• *Other*

<p>Other</p> <p>Continue inspection and maintenance of County-owned PL-566 dams</p> <p>Promote conservation through outreach & youth education</p>	<p>Inspect County-owned PL-566 dams; work with Highway Dept. on annual mowing; repairs as needed</p> <p>Hand out awards for good farm and land stewards</p>	<p>11 dams inspected and mowed; repair valve at TP#7 11 inspections/mowing completed, valve repair is pending a Municipal Dam Grant</p> <p>5 awards 5 awards</p>
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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		
Manure storage construction and transfer systems	3 0 permit applications	
Manure storage closure	2	
Livestock facility siting		
Nonmetallic/frac sand mining		
Stormwater and construction site erosion control		
Shoreland zoning		
Wetlands and waterways (Ch. 30)		
Other		

**IOWA COUNTY 2019 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

Table 3: Planned inspections

Inspections	Number of inspections planned
Total Farm Inspections	195 193
For FPP	185 187
For NR 151	10 6
Animal waste ordinance	3 2
Livestock facility siting	
Stormwater and construction site erosion control	
Nonmetallic mining	
Other	5 CREP perpetual easements monitored

Table 4: Planned outreach and education activities

Activity	Number
Tours	
Field days	3 4
Trainings/workshops	10 11
School-age programs (camps, field days, classroom)	2 3
Newsletters	2 2
Social media posts	
News release/story	5 7 news releases; too many media stories to count

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

Staff/Support (salary & benefits)	Hours	Costs
County Conservationist	2080	\$95,000
Conservation Specialist	2080	\$64,000
Conservation Technician	2080	\$64,000
Department Assistant	1560	\$43,000
Cost Sharing (can be combined)		
Bonding	N/A	\$45,250
SEG	N/A	\$60,000
MDV funding	N/A	\$15,000

**IOWA COUNTY 2020 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	PERFORMANCE MEASUREMENTS
<ul style="list-style-type: none"> <i>Cropland</i> 		
<p>Priority #1: Soil Erosion (& Priority #4: Nutrient Management)</p> <p>Control erosion to “T”</p> <p>Make cost-share available for grassed waterway construction</p> <p>Promote no-till and crop rotation</p> <p>Promote Nutrient Management Planning and increase acres under an NMP</p> <p>FPP farm visits and self-certification</p> <p>Monitor conditions in priority watersheds</p>	<p>Assist farmers with laying contours and contour strips</p> <p>Provide cost-share for grassed waterways</p> <p>Work with landowners and agronomists to promote conservation</p> <p>Assist UWEX with farmer training</p> <p>Send reminders to landowners with new soil tests due; offer cost-share and/or training</p> <p>Provide nutrient management cost-sharing</p> <p>Conduct farm visits and carry out self-certification process</p> <p>Inventory land use and practices</p>	<p>200 acres of new contours or contour strips</p> <p>Install 1-5 acres of grassed waterways</p> <p>Meet with or video call 5-10 CCAs, lenders, implement dealers, and/nutrient applicators that work in the area</p> <p>Train 20 farmers to write and/or update their own plans</p> <p>Contact 200 landowners</p> <p>Cost share ~10 plans on 1,250 acres</p> <p>Increase new NMP acres by 1,500 acres</p> <p>Mail self-certification to all FPP participants (~730)</p> <p>Being windshield inventories of targeted watersheds</p>
<ul style="list-style-type: none"> <i>Livestock</i> 		
<p>Priority #3: Animal Waste Management</p> <p>Assist with the Iowa County Manure Storage Ordinance</p>	<p>Promote new ordinance requirements</p>	<p>Website update; 1 newsletter article</p>

**IOWA COUNTY 2020 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

Encourage barnyard runoff control systems where feasible	Use FPP and other farm visits to look for barnyard control opportunities	2-4 barnyard or feedlot runoff control projects
Other: Promote rotational grazing	Explore partnerships with UWEX to promote managed grazing	Partner on one pasture walk (if held) and one newsletter article
Provide cost-sharing to improve grazing systems	Provide cost-sharing for watering systems or fencing	2 spring developments

• *Water quality*

Priority #2: Groundwater		
Continue the SW WI Groundwater & Geology study	Work with Grant & Lafayette County LCDs on coordination, landowner communication, and outreach	One microbial sampling events; 5 presentations; 1 stakeholder meeting
Encourage proper decommissioning of unused wells	Provide cost-sharing for well decommissioning	5 well decommissions
Priority #6: Riparian corridors		
Establish stream crossings and bank stabilization	Cost-share stream crossings and bank stabilization projects	500 ft of stream crossings, 100-150' bank stabilization
Promote CREP and administer state payments	Process CREP agreements	20 agreements; 1 mailing

• *Invasive*

Invasive species		
Provide information on invasive species control as requested	Provide information upon request; assist USRWA with AIS efforts	Administer Clean Boats Clean Waters grant

• *Wildlife*

Priority #7: Agricultural productivity		
Administer the Wildlife Abatement funds	Process APHIS invoices and approve annual budget, claims, and rates.	Quarterly invoices; approvals at two LCC meeting
Promote wildlife-friendly practices, especially on ag lands	Partner with SW Grassland Network & Pheasants Forever	Assist with 1 CRP mailing; assist with grants and communications
Increase habitat and recreation at county-owned Bloomfield prairie	Work with County staff, ICRPR, DALC	Install duck/owl boxes; build bluebird houses with 4H or scouting group if possible

**IOWA COUNTY 2020 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

• *Watershed*

Watershed strategies		
Participate in the Iowa County Uplands Farmer-led Watershed Group (HUC 12#s: 070700051204, 070700051203, 070700050704, 070700050703, 070700050702)	Attend meetings, provide NMP and other technical assistance, assist with field days	5 meetings or conference calls
Continue participating in local agriculture-related partnerships and networks	Attend Lowery Creek Partnership (HUC12#: 070700051203) meetings; attend Southwest Grasslands Network meetings	8 meetings or conference calls
Target outreach, cost-sharing, and technical assistance to priority watersheds	Partner with Michael Fields Ag Institute on 9 Key Element Plan implementation	Possible TRM application
	Spend MDV funding	1 mailing; \$19,000 cost-shared on P-reduction practices
		Barnyard GIS inventory in 5 impaired watersheds

• *Other*

Other		
Continue inspection and maintenance of County-owned PL-566 dams	Inspect County-owned PL-566 dams; work with Highway Dept. on annual mowing; repairs as needed	11 dams inspected & mowed; TP7 repairs; TP6 repair; tree/brush/weed removal on 5 dams
Promote conservation through outreach & youth education	Hand out awards for good farm and land stewards; implement youth poster contest	5 awards; 1-3 schools participate in poster contest

**IOWA COUNTY 2020 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	2	
Manure storage closure	1	
Livestock facility siting		
Nonmetallic/frac sand mining		
Stormwater and construction site erosion control		
Shoreland zoning		
Wetlands and waterways (Ch. 30)		
Other		

Table 3: Planned inspections

Inspections	Number of inspections planned
Total Farm Inspections	188
For FPP	183
For NR 151	5
Animal waste ordinance	3
Livestock facility siting	
Stormwater and construction site erosion control	
Nonmetallic mining	
CREP permanent easement monitoring	10

Table 4: Planned outreach and education activities

Activity	Number
Tours	
Field days	2
Trainings/workshops	4
School-age programs (camps, field days, classroom)	2
Newsletters	2
Social media posts	
News release/story	5

**IOWA COUNTY 2020 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

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

Staff/Support	Hours	Costs
Four staff (3.75 FTE)	7,860	\$289,159
Cost Sharing (can be combined)		
Bonding	N/A	\$50,000
SEG	N/A	\$35,000
MDV	N/A	\$19,000

CORRESPONDENCE/MEMORANDUM _____ **State of Wisconsin**

DATE: May 1, 2020

TO: Land and Water Conservation Board Members and Advisors

FROM: Lisa K. Trumble, DATCP *Lisa K. Trumble*
Resource Management Section,
Bureau of Land and Water Resources

SUBJECT: Five Year Review of the *Lafayette County Land and Water Resource Management Plan*

Recommended Action: This is an action item. The LWCB should determine whether the county has met the LWCB's guidance and criteria for a five year review of a LWRM plan approved for ten years. If the LWCB makes a formal determination that the county has failed to meet the LWCB guidance, DATCP will automatically modify its order to terminate approval of the county's plan effective December of this year.

Summary: The Lafayette County land and water resource management plan has been approved through December 31, 2025 contingent on a five year review conducted prior to December 31, 2020. In advance of the five year review, Lafayette County has completed a DATCP approved form designed to implement the LWCB's June 2017 guidance and criteria for conducting a five year review. The county has provided written answers to four questions regarding past and future plan implementation, has provided the required work planning documents, and has appropriately involved the Land Conservation Committee.

The county has prepared either a PowerPoint presentation or a hand out to accompany its 5-8 minute snapshot regarding county resources and management issues.

Materials Provided:

- Completed Five Year Review Form
- 2019 Annual Workplan with Accomplishments
- 2020 Annual Workplan

Presenter: Terry Loeffelholz, Conservation and Zoning Manager, Lafayette County CP&ZD
Andy Schilling, Land Conservation Committee Chair



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

County: Lafayette

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.

Because of the increased interest and discussion of farmer led groups, the number of acres of cover crops and residue management have increased. These practices are being seen more and discussed quite a bit. Different tillage implements are being tried that allow for more residue to be left. And more farmers are trying strip tillage.

Cover crops are being planted by different methods (i.e. – fly on, air flow, grain drill, spinner spreader). Some farmers are trying mixes and some are just a single species. Each farmer is trying to find what works for their rotation and harvest dates. There is still a lot to be learned about cover crops.

With the SWIGG Groundwater Study, there has been a lot of interest generated about water quality. The number of well decommissions and manure storage closures has gone up as landowners have become more aware of water quality.

The heavy rains we have received the last couple of years has kept the interest in streambank / shoreline protection high. With the MDV funds, it has been an easy match to work on more streambank and document the phosphorus reduction. As long as we split the funds into their respective watersheds, Apple-Plum or Sugar-Pecatonica.

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.

Invasive Species – we had worked with Southwest Badger RC&D on identifying and tracking invasive species. We were working on controlling Japanese Knotweed along the Pecatonica River. In 2019, Southwest Badger RC&D dissolved and now no longer exists. In the fall of 2019, we had to form a new cooperation with Matthew Wallrath of Upper Sugar River Watershed Association to try and get back up to speed where we were on the Japanese Knotweed.

Applying for a TRM grant. We never had the staff to get enough interest in a specific watershed to apply for a TRM grant. Instead, we started applying for MDV funds that we can use over a wider area and with less restrictions.

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.

Additional funds – we signed a contribution agreement with Wi Land + Water and NRCS. We are also applying for MDV funds.

The County has purchased Transcendent software for tracking farms with Nutrient Management and Farmland Preservation. With the Transcendent software, everything is tied to parcel numbers and you can track practices, FPP participation, and Nutrient Management Plans. By being able to accurately track both Farmland Preservation and Nutrient Management we have been able to increase the participation rates of both.

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 SWIGG Groundwater Study will conclude in the fall of 2020. Depending on what the findings are of the SWIGG study, that will have a huge driving factor in the county's work plan. Whether it is ordinance revisions, education days, or new ordinances. The problem is to tell you what exactly we need to do in the next five years will be guided by what is in the conclusion of the SWIGG Groundwater Study!

One of the other factors, we will continue applying for MDV funds, and working with waste treatment in the county and surrounding counties. It is a great way to increase cost-share dollars and build relationships with communities throughout the county.

Work with producer led watersheds (i.e. – Pecatonica Pride and L.A.S.A.'s field days and annual meetings). Five years ago, these groups did not exist, and now they are driving the direction of conservation in the county. More cover crops and residue management. Discussion about planting green, and summer manure application.

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.

Presentation Regarding County Resource Concerns

Prepare and present a 5-8 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 encourages and supports honest presentations from the county. 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: 3/3/2020

Signature of Authorized Representative: Gerald Heumann **Date:** 3/3/2020
(e.g. County Conservationist, LCC chair)

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

**LAFAYETTE COUNTY 2019 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 (COMPLETED IN 2019 / FILED MARCH 2020) (examples in italics)
<ul style="list-style-type: none"> <i>Cropland</i> 		
Cropland, soil health and/or nutrient management	Gully erosion control practices on 2 farms 5 NM plans through farmer training, and 500 new acres of NM plans 500 acres new residue management 1,000 acres new and revised conservation plans 720 acres of new cover crops 5.45 acres of grassed waterways	(2) farms (24) plans / (603.47) new acres (1,000) acres of plans (235) acres cost-shared through Lafayette County (4) waterways / (5.45) acres (1) (1,731) feet [<i>Dustin Voegeli's</i>]
<ul style="list-style-type: none"> Livestock 		
Livestock	1 new manure storage facilities 2 old manure storage facility closed 265 feet of stream crossing	(1) facility (2) facilities (2) crossings / (265) feet (1) (1)
<ul style="list-style-type: none"> Water quality 		
Water quality/quantity (other than activities already listed in other categories)	Install 150 acres of riparian buffers 1765 ft of streambank/shoreline protection 4 well decommissions	(150) acres (2) streambanks / (1,765) feet (13) wells
<ul style="list-style-type: none"> Forestry 		
Forestry	Plant 2 acres to trees 935 ft of trails, access roads, and walkways	(2) acres (1) trail & (1) access road (7,775) trees & shrubs sold
<ul style="list-style-type: none"> Invasive 		
Invasive species	apply for AIS grant. AIS education at the annual Fair	
<ul style="list-style-type: none"> Wildlife 		
Wildlife-Wetlands-Habitat (other than forestry or invasive species)	Install 2 acres of wetland restoration	(1) restoration / (2) acres
<ul style="list-style-type: none"> Urban 		
Urban issues		
<ul style="list-style-type: none"> <i>Watershed</i> 		
Watershed strategies	Developing plans for conservation practices to be implemented in the Sugar-Pecatonica River watershed, Apple-Plum River watershed, and Galena River watershed, through the WI DNR Multi-	

**LAFAYETTE COUNTY 2019 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

	Discharge Variance and Phosphorus Trading program	
• Other		
Other	Groundwater Protection – test water samples at the annual Fair - Work with L.A.S.A. on farmstead well testing - participating County in SWIGG Groundwater Study	

Table 2: Planned activity related to permits and ordinances

Permits and Ordinances	Plans/application reviews anticipated	Permits anticipated to be issued
Feedlot permits	0	0
Manure storage construction and transfer systems	1	1
Manure storage closure	2	2
Livestock facility siting	1	1
Nonmetallic/frac sand mining	22	22
Stormwater and construction site erosion control	0	0
Shoreland zoning	0	0
Wetlands and waterways (Ch. 30)	5	5
Other	0	0

Table 3: Planned inspections

Inspections	Number of inspections planned
Total Farm Inspections	150
For FPP	75
For NR 151	75
Animal waste ordinance	1
Livestock facility siting	1
Stormwater and construction site erosion control	0
Nonmetallic mining	0

**LAFAYETTE COUNTY 2019 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

Table 4: Planned outreach and education activities

Activity	Number
Tours	0
Field days	2
Trainings/workshops	5
School-age programs (camps, field days, classroom)	1
Newsletters	2
Social media posts	3
News release/story	5

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

Staff/Support	Hours	Costs
Land Conservation Manager (50%)	1040	\$48,000
Technician (100%)	2080	\$56,000
Technician (100%)	2080	\$65,000
Admin. Assistant Support (75%)	1560	\$60,000
Cost Sharing (can be combined)		
Bond	N/A	\$130,000
SEG	N/A	\$22,500
NMFEG grant	N/A	\$
MDV	N/A	\$62,369.67 (65% practices / 35% staff) Practices designed in 2019 Practices installed in 2020

**LAFAYETTE COUNTY 2020 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	(1) Streambank Protection [<i>est P reduction = 39 lbs, 51 ton sediment reduction</i>] (5) NM plans through farmer training (500 acres est.) New residue management (1,000 acres) New and revised conservation plans (75 site visits) Spot checks of nutrient management plans (500 acres) New cover crops (3 acres) Grassed waterways	
<ul style="list-style-type: none"> • <i>Livestock</i> 		
Livestock	(2) Close old manure storage facilities (1) New manure storage facility (100) Inventory “pre-permit”-or-under size limit manure storage facilities (1) Stream crossings [<i>est P reduction = 1 lb., 1.5T sediment reduction</i>]	
<ul style="list-style-type: none"> • <i>Water quality</i> 		
Water quality/quantity (other than activities already listed in other categories)	(150 acres) Install riparian buffers (CREP) (180 ft) Streambank/Shoreline protection [<i>est. P reduction = 15 lb., 20 ton sediment reduction</i>] (10) Well Decommissions (5) Test water samples at County Fair Work with LASA on farmstead well testing (35) SWIGG Groundwater Study (250 Students) Earth Day program	
<ul style="list-style-type: none"> • <i>Forestry</i> 		
Forestry	(6,900+ trees sold) Annual Tree Sale program (300 ft) Trails, access roads, and walkways	

**LAFAYETTE COUNTY 2020 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

- *Invasive*

Invasive species	(1 hr) Apply for AIS grant (5 hrs) AIS education at the Fair	
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- *Wildlife*

Wildlife-Wetlands-Habitat (other than forestry or invasive species)	(0) Wetland restorations	
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- *Urban*

Urban issues		
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- *Watershed*

Watershed strategies	Partner with Pecatonica Pride Watershed Group as their Fiscal Agent, and aid in finding conservation practices to implement (1) Stream crossing & streambank stabilization project Implement conservation practices in Galena watershed using MDV cost-share funds <i>[est. P reduction = 35 lbs., 46 ton sediment reduction]</i>	
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- *Other*

Other	(22 mines) Administer Non-Metallic Mining ordinance	
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**LAFAYETTE COUNTY 2020 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	0	0
Manure storage construction and transfer systems	1	1
Manure storage closure	2	2
Livestock facility siting	1	1
Nonmetallic/frac sand mining	22	22
Stormwater and construction site erosion control	0	0
Shoreland zoning	0	0
Wetlands and waterways (Ch. 30)	5	5
Other	0	0

Table 3: Planned inspections

Inspections	Number of inspections planned
Total Farm Inspections	150
For FPP	75
For NR 151	75
Animal waste ordinance	1
Livestock facility siting	1
Stormwater and construction site erosion control	0
Nonmetallic mining	0

Table 4: Planned outreach and education activities

Activity	Number
Tours	1
Field days	1
Trainings/workshops	3
School-age programs (camps, field days, classroom)	1
Newsletters	2-4
Social media posts	1
News release/story	2

**LAFAYETTE COUNTY 2020 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 & Zoning Manager (50%)	1040	\$48,000
Technician (100%)	2080	\$56,000
Technician (100%)	2080	\$65,000
Administrative Assistant (75%)	1560	\$60,000
Cost Sharing (can be combined)		
Bond	N/A	\$130,000
SEG	N/A	\$22,500
NMFEG Grant	N/A	\$7,150
MDV (65% of funds to be used for practices 35% of funds for staffing costs)	N/A	\$22,400 (est) (this is the 65% estimated amt)
County	N/A	\$15,000
NRCS Contribution Agreement (CREP)	N/A	\$22,375

CORRESPONDENCE/MEMORANDUM _____ **State of Wisconsin**

DATE: May 18, 2020

TO: Land and Water Conservation Board Members and Advisors

FROM: Lisa K. Trumble, DATCP *Lisa K. Trumble*
Resource Management Section,
Bureau of Land and Water Resources

SUBJECT: Five Year Review of the *Oconto County Land and Water Resource Management Plan*

Recommended Action: This is an action item. The LWCB should determine whether the county has met the LWCB's guidance and criteria for a five year review of a LWRM plan approved for ten years. If the LWCB makes a formal determination that the county has failed to meet the LWCB guidance, DATCP will automatically modify its order to terminate approval of the county's plan effective December of this year.

Summary: The Oconto County land and water resource management plan has been approved through December 31, 2025 contingent on a five year review conducted prior to December 31, 2020. In advance of the five year review, Oconto County has completed a DATCP approved form designed to implement the LWCB's June 2017 guidance and criteria for conducting a five year review. The county has provided written answers to four questions regarding past and future plan implementation, has provided the required work planning documents, and has appropriately involved the Land Conservation Committee.

The county has prepared either a PowerPoint presentation or a hand out to accompany its 5-8 minute snapshot regarding county resources and management issues.

Materials Provided:

- Completed Five Year Review Form
- 2019 Annual Workplan with Accomplishments
- 2020 Annual Workplan

Presenter: Ken Dolata, County Conservationist, Oconto County LCD
Dennis Kroll, Land Conservation Committee Chair



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

County: Oconto

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.

13 accomplishments, Implement EVAL, Gully Erosion, Review Nutrient Management Plans, Promote BMPs for Soil Erosion, Soil Health Public Education, 9 Key Element inventory and planning, Field Research of Nutrient Transportation in tile lines, Address Priority Farms, Shoreline Protection, County Healthy Waters Program, Wetland Restoration and Fish Passage. While the number of accomplishments are greater I feel they are closely related to some of the listed above.

It is interesting to look at how the planning process helped us reach our outcomes. While I did not include activities like Ag waste permits, planning, design and implementation of BMPs, FPP compliance, etc. as this has been done in the past on an as needed or required basis. Each year for the annual work plan I sit down with all the staff and we review what happened the prior year and then look at our goals for the coming year. We discuss what worked and what did not work and what needs have changed. I feel this process gets everyone on board while also getting valuable feedback from the staff that are most out in the field. While this is valuable for the year to year planning and adjustments the most critical input, in my opinion, comes from meeting with our CAC. The CAC brings a view from the public that we many times overlook due to focusing on other activities, overwhelming workloads or issues that we flat out are unaware of. An example of this would be our lakes, we have issues with AIS but during our CAC meeting it was brought to our attention that we really do not have base line data to the health of our lakes as we have been primarily been focused on our streams. The results of this is that we are now conducting a county wide lake study on 60 of our lakes, consisting of 2 years of water quality, plant surveys, shoreline health etc. This process will take 10-12 years but if not brought to our attention by the public we would still be sitting at ground zero. Along with this effort we had a push from our lakes for the county to help with AIS and erosion issues. Through much effort the county awarded our department \$230,000 to start a cost share program with organizations.

As far as answering "how the planning process helped the county for each accomplishment" I don't think there is an individual answer for each, basically what I have stated above covers each one.

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.

Farmland Preservation Program - while we have remaining contracts to track for compliance, the Oconto County Zoning Committee decided not to implement a new plan so we no longer can sign up farmers for the program. This has altered some of our goals in our plan.

AIS – We are still working on AIS and TIS by utilizing our County Invasive Strategic Action plan but several of our activities have not been accomplished such as pursuing funding for staff and establish a county-wide Clean Boats Clean Water Team. With the changes in the DNRs grants this has basically put a halt on these activities.

It is not difficult to refocus effort due to our workload, we are continually evaluating and adjusting to the highest priorities, not only in our work plan but also by the severity of each issue.

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.

First and for most with priority farms are NOI's and NOD's. These enforcement farms are moved to the top of our list as they come in. With our plan we have prioritized watersheds that have not been focused on in several years. We take these watersheds and send out a mailing notifying landowners of an upcoming inventory. We then start with the largest farms and work down the list unless we see something that stands out. Our thought on this process is that the large farms rent a considerable amount of land so we are covering more ground with one meeting with the operator. As we inventory we are looking at compliance and where we can get the most bang for our buck as funding is limited with SWRM funding the county receives. We also look at NRCS EQIP funding and the TRM program. Once we have most of the watershed inventoried we set our priority list and start one on one conversations with the landowners discussing compliance and practices available to meet compliance, funding opportunities and time frames. To help facilitate these focused watershed inventory we attempt to hold educational meetings focusing a direct invitation mailing within the watershed but also invite all from the county to attend. We try to change up the focus of the meetings to keep interest. As an example we held a watershed meeting focusing on the water quality issues within the watershed and held discussion on what there perceived impression of what was causing these issues. The next meeting was a soil health field day and discussing BMPs. As mentioned above we seek funding from all available sources, NRCS, DNR, DATCP. We currently have a small funding pool that is county funded and has been budgeted for the last 19 years in which we have 276 agreements as of this time. 2 years ago we applied for and received a NRCS National Water Quality Initiative grant for a watershed and are currently in the process of working on a 9 Key Element Plan for one watershed.

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.

For the most part there is no major changes in our work plan projections though there is some minor ones like increasing the number of nutrient management plans that receive a thorough review each year, increase contracts for soil erosion BMPs and an increase in farm continuing compliance inspections. Knowing the work plan is a guide, it seems every year we have unknown changes in workload that may or may not be a onetime change. As an example - with unpredictable record rain fall last year we had an increase in gully erosion which we placed as a high priority. Lake Michigan water levels being close to all-time highs seen our office assisting many landowners in the installation of 6400 feet of shoreline protection. Many of our inland lakes are approaching 2' above the ordinary high water mark creating shoreline erosion issues that has created an increased workload in that area. With a decrease in the financial markets for farmers I am guessing this year installed BMPs will be less than we estimated but it is hard to say what markets will do when we are completing a work plan in March. A work plan is a good guidance to start the year but there are so many variables throughout the year it is difficult for me to take 2020 and place any substantial increases in some of our activities. Installing as much shoreline protection as we did last year we may have covered the majority of it and have very little this year or we could have 1 big storm that doubles our efforts to what we did last year. All in all over the last 5 years our work plan guidance has been very close to what our annual progress has been.

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.

Presentation Regarding County Resource Concerns

Prepare and present a 5-8 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 encourages and supports honest presentations from the county. 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: May 18th, 2020

Signature of Authorized Representative: Ken DeLato **Date:** 14 May 2020
(e.g. County Conservationist, LCC chair)

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

**Oconto County 2019 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)	ACCOMPLISHMENTS
<ul style="list-style-type: none"> <i>Cropland</i> 			
Cropland, soil health and/or nutrient management	Implement EVAL Inventory and Correct areas of Gully Erosion Review Nutrient Management plans Promote BMPs Soil Erosion Soil Health Public Education	Conduct on the ground inventory of completed EVAL Correct 200 lin. ft. of gully erosion Review a minimum of 40 NM plans 2 Contracts 2 Events	1 watershed worked on. 250’ 45 Plans, added 2412 acres of new land 5 2
<ul style="list-style-type: none"> <i>Livestock</i> 			
Livestock	Enforce Animal Waste Ordinance 9 Key Element farm inventory Plan, design, inspect BMPs Field Research of nutrient transportation in tile Address Priority Farms	As needed Complete inventory of watershed for planning As needed 3 sites 2 farms	6 sites inventoried for compliance 50% completed 16 projects 6 sites tested
<ul style="list-style-type: none"> <i>Water quality</i> 			
Water quality/quantity (other than activities already listed in other categories)	Shoreline Protection Assist DNR in testing of one watershed Well Closures	60 lin. ft. # test sites As available	6,400’, 1 riparian buffer 32 sites 1
<ul style="list-style-type: none"> <i>Forestry</i> 			
Forestry	N/A	N/A	
<ul style="list-style-type: none"> <i>Invasive</i> 			
Invasive species	County Healthy Waters Program	5 Lakes	6 Lakes
<ul style="list-style-type: none"> <i>Wildlife</i> 			
Wildlife-Wetlands-Habitat (other than forestry or invasive species)	Wetland restoration Wildlife damage program Fish Passage	2 acres As needed 7 impediments corrected	0.8 Acres 5 Landowners 8 impediments removed
<ul style="list-style-type: none"> <i>Urban</i> 			
Urban issues	N/A	N/A	

**Oconto County 2019 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

- *Watershed*

Watershed strategies	Planning for 9 Key Element	Complete 1 plan	In progress
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- *Other*

Other	N/A	N/A	
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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	Permits Issued
Feedlot permits	2	2	2
Manure storage construction and transfer systems	2	2	8
Manure storage closure	1	1	1
Livestock facility siting	0	0	
Nonmetallic/frac sand mining	0	0	
Stormwater and construction site erosion control	0	0	
Shoreland zoning	0	0	
Wetlands and waterways (Ch. 30)	1	1	6
Other			

Table 3: Planned inspections

Inspections	Number of inspections planned	Number of Farms Inspected
Total Farm Inspections	10	
For FPP	0	0
For NR 151	10	6
Animal waste ordinance	2	6
Livestock facility siting	0	
Stormwater and construction site erosion control	0	
Nonmetallic mining	0	

**Oconto County 2019 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

Table 4: Planned outreach and education activities

Activity	Number	Total # of Activities
Tours	1	0
Field days	1	1
Trainings/workshops	1	1
School-age programs (camps, field days, classroom)	5	9
Newsletters	0	0
Social media posts	1	5
News release/story	1	1

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

Staff/Support	Hours	Costs	Total Costs
All Staff	9,360	\$373,550	\$373,550
Cost Sharing (can be combined)			
Bond	N/A	\$50,000	\$60,000
SEG	N/A	\$0	
County Cost Share	N/A	\$20,000	\$20,000
NRDA	N/A	\$100,000	\$100,000
Oconto County Healthy Waters Program			\$35,000

**Oconto County 2020 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	Implement EVAL Inventory and Correct areas of Gully Erosion Review Nutrient Management plans Promote BMPs Soil Erosion Soil Health Public Education Add new 590 Plans	Conduct on the ground inventory of completed EVAL Correct 200 lin. ft. of gully erosion Review a minimum of 45 NM plans 4 Contracts 1 Events 2 Plans
<ul style="list-style-type: none"> • <i>Livestock</i> 		
Livestock	Enforce Animal Waste Ordinance 9 Key Element farm inventory Plan, design, inspect BMPs Field Research of nutrient transportation in tile Address Priority Farms	As needed Complete inventory of watershed for planning As needed 3 sites 3 farms
<ul style="list-style-type: none"> • <i>Water quality</i> 		
Water quality/quantity (other than activities already listed in other categories)	Shoreline Protection Assist DNR in testing of one watershed Well Closures Complete Lake Plans Lake Level Monitoring	60 lin. ft. # test sites As available 5 Lakes 5 Lakes
<ul style="list-style-type: none"> • <i>Forestry</i> 		
Forestry	N/A	N/A
<ul style="list-style-type: none"> • <i>Invasive</i> 		
Invasive species	County Healthy Waters Program Timberland Invasive Partnership Inventory	5 Lakes As needed
<ul style="list-style-type: none"> • <i>Wildlife</i> 		
Wildlife-Wetlands-Habitat (other than forestry or invasive species)	Wetland restoration Wildlife damage program Fish Passage	1 acres As needed 5 impediments corrected
<ul style="list-style-type: none"> • <i>Urban</i> 		
Urban issues	N/A	N/A

**Oconto County 2020 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

- *Watershed*

Watershed strategies	Planning for 9 Key Element	Work on 1 plan
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- *Other*

Other	<i>N/A</i>	<i>N/A</i>
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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	2	2
Manure storage construction and transfer systems	2	2
Manure storage closure	1	1
Livestock facility siting	0	0
Nonmetallic/frac sand mining	0	0
Stormwater and construction site erosion control	0	0
Shoreland zoning	0	0
Wetlands and waterways (Ch. 30)	4	4
Other		

Table 3: Planned inspections

Inspections	Number of inspections planned
Total Farm Inspections	12
For FPP	0
For NR 151	12
Animal waste ordinance	3
Livestock facility siting	0
Stormwater and construction site erosion control	0
Nonmetallic mining	0

**Oconto County 2020 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

Table 4: Planned outreach and education activities

Activity	Number
Tours	1
Field days	1
Trainings/workshops	1
School-age programs (camps, field days, classroom)	10
Newsletters	0
Social media posts	2
News release/story	1

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

Staff/Support	Hours	Costs
All Staff	9,360	\$366,006
Cost Sharing (can be combined)		
Bond	<i>N/A</i>	\$65,000
SEG	<i>N/A</i>	\$10,000
County Cost Share	<i>N/A</i>	\$20,000
NRDA	<i>N/A</i>	\$100,000