



Land and Water Conservation Board Agenda

December 7, 2021

The Land and Water Conservation Board (LWCB) will meet on **December 7, 2021**. The board will hold its official business meeting at **9:00 am** via Microsoft Teams. To attend the meeting, join by telephone at 608-571-2209 with Conference ID 274 022 613 # or click the following Teams [hyperlink](#). The agenda for the meeting is shown below.

AGENDA ITEMS AND TENTATIVE SCHEDULE:

- 1 Call the Meeting to Order – **Mark Cupp, LWCB Chair**
 - a. Roll Call
 - b. Pledge of allegiance
 - c. Open meeting notice
 - d. Introductions (John Exo, Division of Extension - UW Madison)
 - e. Approval of agenda
 - f. Approval of October 5, 2021 meeting minutes
- 2 Public appearances*
**Each speaker is limited to 5 minutes or less. Each speaker must complete a Public Appearance Request Card and submit it to a DATCP representative before the start of the meeting*
- 3 Recommendation for approval of LWRM Plan revision for Waushara County -
Ed Hernandez, County Conservationist, Waushara County LCD; Josh Saykally, Specialist, Waushara County LCD; Mark Piechowski, Land, Water and Education Committee Chair
- 4 Video Series: Examples of Urban Nonpoint Management
- 5 Recommendation for approval of LWRM Plan revision for Milwaukee County -
Tim Detzer, Principal Environmental Engineer, Milwaukee County Environmental Services; Felesia A. Martin, Milwaukee County Board Supervisor (7th District); Brian Russart, Milwaukee County Parks Natural Areas Supervisor
- 6 5-Minute Break
- 7 Update on FSA Representation on County LCCs; Review of Board Powers and Duties under s. 92.04, Wis. Stats.
Lacey Cochart, DATCP

*Mark Cupp, Chair; Eric Birschbach, Vice-Chair;
Bobbie Webster, Secretary*

*Members: Monte Osterman; Andrew Buttles; Ron Grasshoff; Mike Hofberger
Bob Mott; Andrew Potts; Sara Walling; Brian Weigel*

- 8 Recommendation for approval of LWRM Plan revision for Waukesha County -
Alan Barrows, Land Resources Division Manager, Waukesha County Department of Parks and Land Use; Bill Mitchell, Land Use Parks & Environment Committee Chair

- 9 Update on revisions to the 5-year review questionnaire and policy documents
Document - **Lisa Trumble, DATCP**

- 10 Approval of Proposed 2022 LWCB Annual Agenda -
Mark Cupp, LWCB and Zach Zopp, DATCP

- 11 Agency reports
 - a. FSA
 - b. NRCS
 - c. UW-CALS
 - d. UW Madison - Extension
 - e. WI Land + Water
 - f. DOA
 - g. DATCP
 - h. DNR
 - i. Member Updates

- 12 Planning for February 2022 LWCB Meeting -
Mark Cupp, LWCB

- 13 Adjourn

**MINUTES
LAND AND WATER CONSERVATION BOARD MEETING**

**October 5, 2021
Microsoft Teams Meeting**

Item #1 Call to Order—pledge of allegiance, open meeting notice, approval of agenda, approval of August 3, 2021 LWCB meeting minutes.

Call to Order

The Land and Water Conservation Board (Board) met via videoconference on **October 5, 2021**. The meeting was preceded by public notice as required by Wis. Stat. § 19.84. The meeting was called to order by Chairman Mark Cupp at **9:00 am** and the pledge of allegiance was conducted.

Members, Advisors and Department Staff Present

Members: Mark Cupp, Eric Birschbach, Bobbie Webster, Ron Grasshoff, Andrew Buttles, Mike Hofberger, Monte Osterman, Brian Weigel, Andrew Potts, and Sara Walling. A quorum was present.

Advisors: Ken Genskow (Division of Extension – UW Madison), Francisco Arriaga (UW-Madison), Eric Allness for Angela Biggs (NRCS) and Matt Krueger (WI Land+Water)

Department staff: Lacey Cochart, Lisa Trumble, Jennifer Heaton-Amrhein, Alex Elias, Kim Carlson, Susan Mockert, Coreen Fallat, Katy Smith, and Zach Zopp (DATCP) Joanna Griffin, Liz Osborne (DNR).

Approval of Agenda

Motion

Hofberger motioned to amend the agenda by removing agenda items 12 and 13, seconded by Grasshoff, and the motion carried unanimously.

Motion

Hofberger motioned to approve the amended agenda, seconded by Grasshoff, and the motion carried unanimously.

Approval of Minutes

Motion

Grasshoff motioned to amend the draft August 3, 2021 meeting minutes by making a spelling correction on page one, seconded by Weigel, and the motion carried unanimously.

Motion

Grasshoff motioned to approve the August 3, 2021 meeting minutes as amended, seconded by Weigel, and the motion carried unanimously. The approved minutes shall be posted as the official meeting record for publication on the LWCB website.

Item #2 Public Appearances

No public appearance cards were submitted.

Item #3 Recommendation for approval of 5-year Land and Water Resource Management Plan review for Kenosha County

Mark Jenks, County Conservationist, Kenosha County LWCD and Daniel Gaschke, LCC Chair, made the formal presentation in support of the 5-year review of the County’s LWRM plan. A copy of their presentation is available on the LWCB’s website lwcb.wi.gov.

Kenosha 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 lwcb.wi.gov).

Motion

After a discussion between the Board and county representatives, Osterman moved to recommend approval of Kenosha County’s 5-year LWRM plan review, seconded by Potts, and the motion carried unanimously.

Item #4 Quantitative Microbial Risk Assessment for Contaminated Private Wells Publication

Dr. Tucker Burch and Dr. Mark Borchardt, USDA Agricultural Research Service, presented to the Board the results of a recent study that used years of private well-water data in Kewaunee County, WI to predict the total cases of acute gastrointestinal illness in the area with a quantitative microbial risk assessment model. The *Quantitative Microbial Risk Assessment for Contaminated Private Wells in the Fractured Dolomite Aquifer of Kewaunee County, Wisconsin*, study is available [at this link](#). The presentation to the Board is available online at LWCB’s website lwcb.wi.gov under 2021 Meetings for October 5, 2021.

Item #5 Video Series: Building a Waterway with a Grade Stabilization Structure

The “*Building a Waterway with a Grade Stabilization Structure*” video published by the Illinois Natural Resources Conservation Service (NRCS) as part of their Conservation Under Construction series was presented to the Board. The video is available online at LWCB’s website lwcb.wi.gov under 2021 Meetings for October 5, 2021.

After discussion with agency representatives, the Board requested Department staff continue to present 10-15 minute informational videos at each Board meeting. The Board suggested that future videos should relate to conservation practices or topics currently faced by the Counties undertaking LWRM plan revisions or reviews. The Board suggested the following topics for future videos: manure injection and nutrient management plan development.

Item #6 Recommendation for approval of 5-year Land and Water Resource Management Plan review for Trempealeau County

Chuck Zauner, County Conservationist, Trempealeau County LCD and George Brandt, Environment and Land Use Committee Chair, made the formal presentation in support of the 5-year review of the County’s LWRM plan. A copy of their presentation is available on the LWCB’s website lwcb.wi.gov.

Trempealeau 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 lwcb.wi.gov).

Motion

After a discussion between the Board and county representatives, Birschbach moved to recommend approval of Trempealeau County's 5-year LWRM plan review, seconded by Webster, and the motion carried unanimously.

Item #7 Presentation of on the 2020 Annual Soil and Water Conservation Report

Coreen Fallat, DATCP, gave a presentation on the [2020 Soil and Water Conservation Report](#) to the board. The presentation is available online at LWCB's website lwcb.wi.gov under 2021 Meetings for October 5, 2021.

The Board suggested agencies should evaluate resources for modeling nutrient and sediment reductions for counties.

Item #8 Lunch

Chairman Mark Cupp reconvened the meeting at 1:00 pm.

Item #9 Presentation of 2022 Joint Final Allocation Plan

Jenni Heaton- Amrhein, DATCP and Joanna Griffin, DNR, presented to the Board the 2022 Joint Final Allocation Plan for approval. The 2022 Joint Final Allocation Plan document and memo are available online at the LWCB website within the October 5, 2021 [meeting packet](#). Heaton- Amrhein noted, the Preliminary Joint Allocation Plan miscalculated the Bayfield Staffing grant, thus \$4,500 was redistributed to 69 of the 71 other counties. Additionally, DATCP is holding \$125,000 in reserve for a DATCP IT project; should these funds not be used, DATCP will use the funds to increase SEG innovation grant funding.

Motion

After a discussion between the Board and agency representatives, Grasshoff moved to approve the final 2022 Joint Final Allocation Plan, seconded by Hofberger, and the motion carried unanimously.

Item #10 DNR Presentation of the Final Scores and Rankings of Urban Nonpoint Source and Storm Water Management Projects for CY 2022

Joanna Griffin, DNR, presented to the Board the final scores and rankings of Urban Nonpoint Source and Storm Water Management Projects for CY 2022. The memo describing the 2022 final scores and rankings of Urban Nonpoint Source and Storm Water Management Projects and the tables showing the scores and rankings are available online at the LWCB website within the October 5, 2021 [meeting packet](#). Griffin noted the final scores and rankings did not contain any revisions from that of the preliminary scores and rankings presented to the Board on August 3, 2021.

Motion

After a discussion between the Board and agency representatives, Webster moved to approve the ranking of UNPS projects as presented, seconded by Hofberger, and the motion carried unanimously.

Item #11 DNR Presentation of the Final Scores and Rankings of Targeted Runoff Management (TRM) Projects for CY 2022

Joanna Griffin, DNR, presented to the Board the final scores and rankings of Targeted Runoff Management (TRM) Projects for CY 2022. The memo describing the 2022 final scores and rankings of Targeted Runoff Management (TRM) Projects and tables showing the scores and rankings are available online at the LWCB website within the October 5, 2021 [meeting packet](#). Griffin noted that while the total amount allocated is the same, Ozaukee County requested to decrease funding on two of their grants so the available funds could fund their third grant application. The DNR granted Ozaukee County's request, as the revision would not exceed the 20% total TRM allocation cap to any single county.

Motion

After a discussion between the Board and agency representatives, Hofberger moved to approve the ranking of TRM projects for CY22 as presented, seconded by Hofberger, and the motion carried unanimously.

Item #12 Update on Post-pandemic Planning for In-person and Virtual LWCB Meetings

Katy Smith, DATCP, presented to the Board an update on DATCP plans for virtual and in-person LWCB meetings. For the time being, the Board should expect to meet virtually; however DATCP is outfitting the Board room located at 2811 Agriculture Drive, Madison, WI 53708 with equipment that may enable the board to conduct a hybrid meeting. Once this equipment is installed, DATCP will inform the board.

Item #13 Agency Reports

FSA- Ian Krauss and Danielle Roder were both absent and did not submit a written report.

NRCS – Eric Allness submitted a written report that is available online at the Land and Water Conservation Board website within the October 5, 2021 [meeting packet](#). In addition to the written report, Allness reported President Biden signed a continuing budget resolution that will carry Federal funding through December 3, 2021.

UW CALs & UW Ext - Dr. Arriaga reported: The Dairy Innovation Hub recruited a new faculty position; the Dean of CALs is stepping down in 2022 and CALS is current searching for a the next Dean; The Nutrient and Pest Management Program hired a new Northwest Regional Outreach specialist to be headquartered out of Chippewa Falls. Dr. Arriaga also reported UW is gathering input on SNAP + 3, which is projected to be a web based interface with an alternative desktop version to accommodate users who do not have a good internet connection.

WI Land+Water- Matt Krueger reported: WI Land+Water is working with NRCS to fund a statewide training coordinator and hopes to fill the position by the start of 2022; is planning an in-person county conservation meeting in Stevens Point, December 2021 and an in-person association meeting in Wisconsin Dells, March 2021. Krueger also reported that WI Land+Water launched an in-house climate resiliency program and hopes to build a climate resilience hub on the WI Land+Water website with resources for LCC staff and committee members. This in-house program also expects to provide LCDs with suggestions to incorporate climate resilience into a LWRM plan.

DOA – Andrew Potts reported: DOA is completing work related to the annual financial report and annual comprehensive financial report; working on overdraft reports where overspending occurred; the WI legislature may or may not be in session for the remainder of the calendar year.

DATCP – Sara Walling submitted a written report that is available online at the Land and Water Conservation Board website within the October 5, 2021 [meeting packet](#). In addition to the written report, Walling reported that the statement of scope on the ATCP 50 rule change will be presented to the DATCP board in October. Beginning January 1, 2022, the DATCP Hemp Program will transition to the U.S. Department of Agriculture (USDA).

DNR – Brian Weigel submitted a written report that is available online at the Land and Water Conservation Board website within the October 5, 2021 [meeting packet](#). In addition to the written report, Weigel reported that Ian Anderson was hired to work in the CAFO program; NR 216, governing stormwater rules, was approved in August; and the DNR completed a notice of discharge module for Best Management Practices Implementation Tracking Systems (BITS).

Member Reports – No member reports were submitted

Item #14 Planning for December 2021 LWCB meeting

In addition to the items identified in the proposed 2021 annual agenda, the Board should expect the following at the December meeting:

- Three LWRM plan revisions (Milwaukee, Waukesha, and Waushara counties)
- The October 2021 LWCB agenda item, *Update on Post-pandemic Planning for In-person and Virtual LWCB Meetings* will be carried over to December 2021
- A Department update on FSA Representation on County LCCs
- Review of Board powers and duties under s. 92.04, Wis. Stats.
- An update on revisions to the 5-year review questionnaire and policy documents
- Approval of the 2022 LWCB Annual Agenda

Item #15 Adjourn

Motion

Grasshoff moved to adjourn, seconded by Weigel, and the motion carried unanimously. The meeting was adjourned at 2:53 pm.

Respectfully submitted,

Bobbie Webster, Secretary

Date

Recorder: ZZ, DATCP

CORRESPONDENCE/MEMORANDUM _____ **State of Wisconsin**

DATE: November 3, 2021

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 *Waushara County Land and Water Resource Management Plan*

Action Requested: This is an action item. The department has determined that the *Waushara 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, 2031, and would be subject to a five year review prior to December 31, 2026.

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, Waushara County must submit an annual work plan meeting DATCP requirements during each year of its 10-year plan approval.

Waushara County held a public hearing on October 6, 2021, as part of its public input and review process. The Waushara County Land, Water and Education 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
- 2020 workplan with accomplishments and current 2021 workplan

Presenters: Ed Hernandez, Waushara County Conservationist
Josh Saykally, Specialist, Waushara County LCD
Mark Piechowski, Land, Water and Education 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: WAUSHARA

Date Plan Submitted for Review: 7/7/2021

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"/>	3,15
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	2/10/21		
2. Provide the date the county held a public hearing on the LWRM plan ¹	10/6/21		
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	12/21/21		
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"/>	19-22 App K-L
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"/>	76-77

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.

- | | | | | |
|------|--|-------------------------------------|--------------------------|-------------|
| ii. | identification of the causes and sources of the water quality impairments and pollutant sources | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 19-25,70-75 |
| 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"/> | 19-25,70-75 |

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"/> | 70-75 |
| b. | pollutant load reduction targets for the watersheds, if available | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 70-75 |

Other comments: _____

IV. DNR CONSULTATION	Yes	No	Page
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"/>	1

Other comments: _____

V. PLAN IMPLEMENTATION	Yes	No	Page
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"/>	28
b. State and local regulations used to implement the plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>	32-39, 48
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"/>	29, App F
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"/>	App D
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

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.

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"/>	30
b.	the staff time needed to provide technical assistance and education and outreach to implement the plan.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	30
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"/>	28

Other comments: _____

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"/>	App C
2.	Does the LWRM plan describe coordination activities with local, state and federal agencies?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	32-39 App C

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"/>	39,40 App C

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.



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

County: Waushara

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.*

From the 2016 Work Plan, Goal 3: Reduce agricultural and pollutant loading to surface water and Groundwater/Private drinking wells.

Objective 3: Cropland Conservation practices installed to implement state performance standards and Prohibitions.

Nutrient Management Planning – planned activities included, 4 Nutrient management plans.

- 5 farms developed Nutrient Management Plans, totaling 901 Acres

In 2016, 4 out of the 5 nutrient management plans covered acreage with both SWQMA's and farms that have field applied manure. As stated on Page 21, in the section 'Phosphorus loading from Animal Run-off/Manure spreading', farms with-in SWQMA's and farms that utilize manure are targeted for Nutrient Management cost share funds.

Also from the 2016 Work Plan Goal 3: Reduce agricultural and pollutant loading to surface and groundwater/private drinking wells.

Objective 4: Livestock facility conservation practices installed to implement State Performance Standards and Prohibitions.

Manure storage Facilities – The work plan had 1 manure storage facility planned along with 1 barnyard system.

- Only one manure facility was installed but a 2nd was ranked for SWRM Cost-sharing but was not installed until spring of 2017.

There were some other planned activities that were not installed because of the money set aside for the manure storage system the next year. Some of the planned activities that were not installed were; riparian buffers, only 3 of 4 planned wetland scrapes were installed and no windbreaks of the 1-2 planned. This is where our Ranking sheet is used, to rank the projects by resource importance. With both manure storage systems being in the sandy soils of Waushara County and manure stacking leading to leached nutrients to the groundwater, these projects ranked high enough to get funded over other projects.

From 2018 Work Plan, Category – Livestock,

Planned Activities: Milk house waste collection, Roof Runoff, Waste Storage structure, Waste storage abandonment.

All of these planned conservation practices were installed, all were done at the same farm. This farm was in violation of multiple performance standards, the farm was identified as a Priority Farm through our guidelines for identification of Priority Farms. (page 24 'Identification of Priority Farms') The farm was then evaluated and put on a Compliance Schedule. (pg 23-24 Evaluations) Nutrient management was also on the schedule of compliance, both SWRM SEG cost-share dollars and NMFE (Nutrient Management Farmer Education) funds were used.

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.*

As stated above in the second part answer 1, talks about 2016 annual work plan, and areas that weren't accomplished in 2016, Goal 3 : Objective 3, Objective 6 and Objective 7.

Objective 3: Cropland Conservation practices installed to implement state performance standards

1 planned waterway not installed

Objective 6: Conservation practices installed to implement LWRM priorities

No Riparian buffer, only 3 of 4 planned wetland restorations installed

Objective 7: Reduce wind erosion

Neither of the 1 - 2 planned windbreaks were installed

Our annual Work plan is exactly that a plan, and plans change depending on the many factors but the biggest is, what conservation value do projects have in protecting surface and groundwater? We use our Departments Ranking sheet (Appendix D) to determine which projects rank higher or have more conservation value. We did not install all of our planned projects, but instead carried monies over for a manure storage project the following year.

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?*

Waushara County has always addressed conservation concerns on a voluntary or "complaint driven" process and will continue to do so. Every avenue will be explored to bring a non-compliant landowner into compliance in a voluntary way. As a first step in voluntary compliance, Waushara County will utilize an Information and Education strategy to insure all landowners are aware of the Performance Standards and how to become compliant. All farms will be ranked utilizing the ranking sheet and will be notified via letter informing them of their status and options at that point. Where applicable, cost sharing from different county, state and federal programs will be made available to bring the landowner into compliance with the standards.

Evaluations

Compliance will be determined by LCD staff and documented. Any landowners found to be out of compliance will be contacted and given the following information in writing:

- A statement explaining the compliance issues. (Notice of noncompliance)
- The corrective measures needed to achieve compliance.
- A timeline for achieving compliance. (Schedule of Compliance)
- The status of eligibility for cost-share assistance.
- The funding sources available and technical assistance to be received.
- An explanation of technical standards and maintenance requirements.
- A signature page attached to findings report indicating whether the landowner agrees or disagrees with the report
- A copy of performance standards and prohibitions and any applicable technical standards.
- A notice of process and procedure for appeals.

Upon completion of suggested practice(s), a letter of compliance, will be sent to the landowner indicating the site has been brought into compliance and the county database will be updated

Annual Review

The annual review will take place during the first month of each year. This review will be used to evaluate short-term progress. Items that will be looked at are: landowner contracts, reduction of phosphorus or sediment loading, high residue management systems, nutrient management acres planned and BMP installation. All of this information will be used by the Land/Water & Education Committee to set workload priorities for the coming year.

Monitoring

Monitoring the progress of reducing phosphorus and sediment loading will be accomplished in several ways. Sign of Success) will be used to document short-term qualitative improvements. Pre-and-Post BMP data collection will be accumulated using current models. Photographs or digital pictures documenting before and after Best Management Practices (BMP's) may also be used.

Single sources monitoring will start during the records review stage of implementation (exp. BARNY or current barnyard inventory program). Data old and new will be gathered to show where the priority sites are located and at what rate these sites are contributing to loading. When this information is combined with accomplishment reports, a true picture can be developed concerning pollutant load reductions that have occurred.

For watershed wide or countywide progress, several of the above mentioned inventory methods would need to be combined to show, on a quantitative basis, what installation of multiple Best Management Practices has done. This will be a long-term evaluation method to show improvements in collection of quantitative data.

Non-point source programs are always scrutinized for being unable to track the progress made. Our goal is to perform internal reviews of our workload annually. This will also help to make necessary adjustments and revisions to this “working plan” as they are needed.

The non-point pollution reduction goals have been identified and include installation of all applicable best management practices, regardless of agency/program.

Communication with cooperating agencies will be needed to accurately track the installation and pollutant load reduction associated with each practice. The LWE Committee will review the work plan annually and adjustments will be made to insure the LWRM Plan is being implemented to its fullest extent. Reporting will be done annually to DATCP and DNR according to ATCP 50.

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.*

Waushara Groundwater Testing Program and Waushara County being part of CSGCC (Central Sand Groundwater County Collaborative) are examples of how Waushara County's direction is changing. Prior to annual work plans beginning in 2016 we had a 10 year work plan for 2011-2020, there was mention of groundwater issues, but not really any action on the items. The only groundwater objective of the older work plan was that the County had a groundwater education program, administered by Golden Sands RC&D, which teaches groundwater classes to 4th and 5th grade students in the County.

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

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

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

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

Answer Below

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, FFP 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: 9/1/21

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



Date: 9-1-2021

Send completed form and attachments to:

Lisa.Trumble@wi.gov

Waushara County 2020 Annual Work Plan		
	Planned Activities	Activities implemented
Cropland		
	625 Acres of Nutrient management	578 Acres of Nutrient Management - 1 producer backed out of signing Cost-share agreement to reach 625 Acres
	Field Buffer 3 Acres	Only 1/2 acre signed up for the farmer decided to make buffer smaller, we were hoping to get more field buffers installed using our county buffer program.
	Administer 2020 NMFE Grant - additional 400 acres NM Planning and/or updating plans	due to Covid only 200 of the 400 additional acres were completed, the Grant was carried over to 2021 and anticipating meeting 2021 Goal for NMFE
Livestock	Managed Grazing 45.5 Acres	29 acre Managed grazing project completed, and one 17.5 acre project was signed and construction will take place in August, 2021.
Water Quality	Riparian Buffer - 2 Acres	No Riparian Buffers installed
	Stream bank protection - 200ft	300 Ft of Stream bank protection on the Fox River
	Conduct 3rd year of Waushara County well water testing program	No Testing in 2020 due ton COVID, testing resumed in 2021
	Continue working with local collaborative on regional efforts	Waushara County Active member in CSGCC
Invasive Species		
	Work with Golden Sands RC&D for outreach and control of Aquatic/Terrestrial Invasive species	LCD helps create GIS maps for Aquatic Invasive Plant Surveys
	Spotted Knapweed Control	No Grant Program
Wildlife - Wetlands - Habitat		
	Wetland Restoration - 2 Acres	3 Acres of Wetland restorations
	Praire Restoration - 5 Acres	60 Acres of Praire Restoration/ partnered with US Fish and Wildlife on a large project.
Urban Issues		
	Construction Site Erosion Control	123 plans written, 33 onsite inspections
	Residential Stormwater Management Plans	11 Storm water Plans
Watershed Strategies		
	Target practice installations in Carpenter Creek watershed and other high delivering watersheds in the county	10 Projects installed - 6 in Pine-willow, 1 in White river, 1 in Mekan River and 2 in Fox River Watersheds
	Continue GIS mapping program - to continue to map installed conservation practices, well testing results and POWTS in the county	continued adding wellwater testing and Conservation projects to the viewer platform.
	Continue assisting Fox-Wolf Watershed Alliance on Development of 9KE Plans	Assisted FWWA on snap plus modeling for 9KE planning in the Fox -wolf watershed.
Other		
	Non-Metallic Mining	over see reclamation of mining sites.

TABLE 2: Planned activities related to permits and ordinances			
Permits and Ordinances	Plans/application reviews anticipated	Permits anticipated to be issued	Permits issued in 2020
Feedlot permits	0	0	0
Manure storage construction and transfer systems	1	1	1 - Pine Breeze Dairy
Manure storage closure	0	0	0
Livestock facility siting	0	0	0
Nonmetallic/frac sand mining	0	0	0
Stormwater and construction site erosion control	125 Plans	0	0
Shoreland zoning	0	0	0
Wetlands and waterways (Ch. 30)	3	3	4 permits: 3 wetland restoration and 1 streambank protection
Other	0	0	0
TABLE 3: Planned Inspections			
	Number of inspections planned	Number of Inspections	
Total farm inspections	25	2	
For FPP	0	0	
For NR 151	25	2	
Animal Waste ordinance	0	0	
Livestock siting facility	0	0	
Stormwater and Construction site erosion control	40 Construction Site, 11 Residential Stormwater Plans	33 Construction site E.C. Inspections	
Nonmetallic Mining	1		
TABLE 4: Planned Outreach and Education Events			
Tours	1	No Tours in 2020 due to Covid	
Field days	0		
Trainings/Workshop	1	No Trainings or workshops due to Covid, some 1 on 1 Snap Plus trainings in January and February 2020	
School Aged Programs (camps field days classroom)	1	13th annual Conservation Field Day's for 5th graders cancelled due to Covid, resuming in Fall of 2021	
Newsletters	1	Annual Waushara County LCD Newsletter is Published each year in March.	
Social medis Posts	0	Waushara County LCD has no Social Media yet.	
News Release /Stories	2	4 new releases in Local paper	
TABLE 5: Staff Hours and Expected Costs			
Staff/Support	Hours	Costs	
County Conservationist	2080	\$99,106.00	
Technician	2080	\$89,120.00	
Agronomist	2080	\$93,932.00	
Cost-Sharing			
Bonding	N/A	\$50,000.00	
SEG	N/A	\$25,000.00	
MDV	N/A	\$324.00	
WQIP - County Cost-Share program	N/A	\$25,000.00	

**WAUSHARA COUNTY 2021 ANNUAL WORK PLAN
LOCALLY IDENTIFIED PRIORITIES**

Table 1: Planned activities and performance measures by category

CATEGORY (goal and objective from LWRM plan can be added in each category)	PLANNED ACTIVITIES WITH BENCHMARKS If applicable identify focus areas, e.g. HUC 12 watershed code (examples of types of “planned activities” in italics)	PERFORMANCE MEASUREMENTS (examples in italics)
<ul style="list-style-type: none"> <i>Cropland</i> 		
Cropland, soil health and/or nutrient management	<i>Practice installation</i> 2020/2021 NMFE Grant 625 Acres signed to SEG Cost-share agreements <ul style="list-style-type: none"> - Targeting farms with livestock and highest delivering HUC 12 watersheds Field buffers 3 Acres	<i>Type and units of practice(s) installed</i> Amount of Grant Dollars spent Amount of cost-share dollars spent # lbs of sediment reduced (using any approved method) # lbs of P reduced (using any approved method)
<ul style="list-style-type: none"> <i>Livestock</i> 		
Livestock	50 Acres prescribed grazing Target NR 151 Reviews of facilities with livestock	Type and units of practice(s) installed # lbs of sediment reduced (using any approved method) # lbs of P reduced (using any approved method) # of livestock facilities in compliance with a performance standard
<ul style="list-style-type: none"> <i>Water quality</i> 		
Water quality/quantity (other than activities already listed in other categories)	3rd year of Waushara Counties Groundwater Testing program Trout Unlimited Local Chapter Streamflow measurements Stream bank protection 200 ft Riparian buffer – 1 Acre	Type and units of practice(s) installed Amount of cost-share dollars spent # lbs of sediment reduced (using any approved method) # lbs of P reduced (using any approved method) # of feet of streambank protection # Acres of riparian Buffer
<ul style="list-style-type: none"> <i>Forestry</i> 		
Forestry		
<ul style="list-style-type: none"> <i>Invasive</i> 		
Invasive species	Work with partners for outreach and control of aquatic/terrestrial invasive species	Number of control efforts implemented/sites treated
<ul style="list-style-type: none"> <i>Wildlife</i> 		
Wildlife-Wetlands-Habitat (other than forestry or invasive species)	3 Acres of wetland restoration/scrapes Administer wildlife damage program	Acres of wetland restored

**WAUSHARA COUNTY 2021 ANNUAL WORK PLAN
LOCALLY IDENTIFIED PRIORITIES**

- *Urban*

Urban issues	Storm water plan; written and reviewed for residential lakeshore properties Construction site erosion control on-sites Construction site erosion control	Number of plan written Number of plans reviews Number of onsite inspections Number of compliance issues resolved
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- *Watershed*

Watershed strategies	Promote and aid in the development of a Farmer led watershed group. Continue GIS mapping program – to continue to map installed conservation practices and well testing results.	# of watershed groups forme or began the process of formation. Conservation map updated
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- *Other*

Other	Review reclamation plans for non-metallic mining Mine reclamation inspections	Number of non-metallic mine plans reviewed Number of non-metallic mine inspections
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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	1	1
Manure storage closure	1	1
Livestock facility siting	0	0
Nonmetallic/frac sand mining	0	0
Stormwater and construction site erosion control	125	0
Shoreland zoning	0	0
Wetlands and waterways (Ch. 30)	3	3
Other	0	0

**WAUSHARA COUNTY 2021 ANNUAL WORK PLAN
LOCALLY IDENTIFIED PRIORITIES**

Table 3: Planned inspections

Inspections	Number of inspections planned
Total Farm Inspections	25
For FPP	0
For NR 151	25
Animal waste ordinance	0
Livestock facility siting	0
Stormwater and construction site erosion control	35
Nonmetallic mining	1

Table 4: Planned outreach and education activities

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

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

Staff/Support	Hours	Costs
County Conservationist	2080	\$111,897
Technician	2080	\$90,370
Agronomist	2080	\$95,966
Secretary	1664	\$62,088
Cost Sharing (can be combined)		
Bond	N/A	\$50,000
SEG	N/A	\$25,000
MDV	N/A	\$8,165.62
WQIP	N/A	\$25,000

CORRESPONDENCE/MEMORANDUM _____ **State of Wisconsin**

DATE: November 24, 2021

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 *Milwaukee County Land and Water Resource Management Plan*

Action Requested: This is an action item. The department has determined that the Milwaukee 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, 2031, and would be subject to a five year review prior to December 31, 2026.

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, Milwaukee County must submit an annual work plan meeting DATCP requirements during each year of its 10-year plan approval.

Milwaukee County held a public hearing on October 26, 2021, as part of its public input and review process. The Milwaukee County Parks, Energy, and Environment Committee presented the LWRM plan for County Board approval on October 29, 2021. The plan was approved.

Materials Provided:

- LWRM Plan Review Checklist
- Completed LWRM Plan Review form
- 2020 workplan with accomplishments and current 2021 workplan

Presenters: Tim Detzer, Principal Environmental Engineer and Milwaukee County Conservationist
Felesia Martin, 7th District Milwaukee County Supervisor
Brian Russart, Milwaukee County Parks Natural Areas Supervisor



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: MILWAUKEE

Date Plan Submitted for Review: 8/13/2021

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"/>	App A
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			2/9, 4/5, 7/12
2.	Provide the date the county held a public hearing on the LWRM plan ¹			10/26/21
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			11/04/21
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"/>	Ch. 2&4
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"/>	167
ii.	identification of the causes and sources of the water quality impairments and pollutant sources	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Ch. 2&3

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"/> | Ch. 2&3 |
|---|-------------------------------------|--------------------------|---------|

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"/> | Ch. 2&3 |
| b. pollutant load reduction targets for the watersheds, if available | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Ch. 2&3 |

Other comments: _____

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"/> | App A |
|--|-------------------------------------|--------------------------|-------|

Other comments: The county works closely with the DNR in several capacities

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"/> | Ch. 4 |
| b. State and local regulations used to implement the plan | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Ch. 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"/> | 276 |
| 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"/> | App D |
| e. A system for meeting county responsibilities to monitor the compliance of participants in the farmland preservation program | <input type="checkbox"/> | <input type="checkbox"/> | N/A |

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.

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"/>	298
b.	the staff time needed to provide technical assistance and education and outreach to implement the plan.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	298
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"/>	Ch. 4

Other comments: _____

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"/>	Ch. 4 271- 272
2.	Does the LWRM plan describe coordination activities with local, state and federal agencies?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Ch. 3&4

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"/>	Ch. 5

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: 11-02-2021



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

County: Milwaukee 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.

Milwaukee County has had several accomplishments within the last five years that can be identified as activities in our annual workplans, and many accomplishments that were not in the workplans. Work performed by others within the County, such as the Parks Department, is not represented in the annual workplans, but often features heavily in the planned actions of the Land and Water Resource Management Plan (LWRMP). The planned activities reported in the workplans generally are representative of the Environmental Services Unit, which also functions as the Land Conservation Department (LCD) and the Architecture, Engineering & Environmental Services Section of which the LCD is a part. Among the accomplishments within the last five years are stormwater/urban nonpoint planning, lakefront shoreline initiatives, streambank stabilization and the work of our Parks' Natural Areas staff.

One of our most active areas is stormwater management. Our planning process usually starts with this permit-driven program. The implementation of Milwaukee County's stormwater permit is a major part of Milwaukee County's water quality objectives. Milwaukee County annually completes planned actions that are required by State and Federal water-quality regulations. These include dry weather screenings at major outfalls, the maintenance of Stormwater Pollution Prevention Plans at County facilities, inspection of County facilities and best management practices (BMPs), and the continual update of the County's stormwater system map.

From 2016-2020 Milwaukee County updated and implemented Stormwater Pollution Prevention Plans (SWPPPs) at the Milwaukee County Zoo, the McKinley Marina, General Mitchell International Airport, Timmerman Airport, Milwaukee County Highway North and South Maintenance Facilities, Parks Maintenance Facility, and the Fleet Management Facility.

From 2016-2020 Milwaukee County installed over 65 stormwater BMPs at 14 sites. These are highlighted in Appendix C of the 2022-2031 LWRMP.

Encouraging public awareness of water quality problems and stormwater issues appears on every workplan in the last five years. In a populous urban environment where small actions

can have big effects on the environment, it is important to educate the public and our peers on how urban nonpoint pollution can affect our environment. Planned actions include giving presentations and holding workshops on stormwater, water quality issues and technological strategies. During the 2016-2020 period staff participated in seven presentations on stormwater related topics. These are highlighted on pages 9-13 of the 2022-2031 LWRMP. In addition, Milwaukee County contributed annually to the *Respect Our Waters Campaign*, a multimedia campaign aiming to improve the public's understanding of stormwater runoff and water pollution.

Many of these stormwater activities are required to be completed annually. The planning process helps prioritize and visualize the annual workload.

The Lake Michigan Shoreline in Milwaukee County is approximately 32 miles long, the great majority of which is owned by and in control of Milwaukee County. The protection of this shoreline from erosion is one of the goals of the LWRMP. Recently, strong storms and historic high-water levels in Lake Michigan have caused infrastructure damage and widespread shoreline erosion.

In response, through a National Oceanic and Atmospheric Administration (NOAA) Coastal Resilience Grant, Milwaukee County created a GIS inventory of coastal natural resources and developed features owned by the County that includes property boundaries, facilities, infrastructure, and natural resources. From the inventory, a list of County-owned coastal resources was developed, and monetary values of the resources were assigned. Site visits were conducted to make visual assessments of site conditions and photo document them. A vulnerability analysis report was conducted for the inventoried sites based on site conditions, value assessments, and existing environmental hazard data.

Further, as part of the same grant, Milwaukee County and the Southeastern Wisconsin Regional Planning Commission (SEWRPC) developed a set of coastal land management guidelines and formal policy to proactively manage Milwaukee County's coastal properties. The policy and management guidelines developed will be a valuable resource to the County, coastal municipalities and to those in the private sector considering coastal development projects.

Milwaukee County also completed several streambank stabilization activities. There are 103 miles of named perennial streams and rivers in Milwaukee County. In 2004, Milwaukee County completed a streambank inventory that documented bank conditions and erosion issues along these waterways. That document was used to prioritize projects. Funding for streambank stabilization has typically been hard to come by, but as conditions worsen and infrastructure is threatened, sometimes funding becomes available.

The Honey Creek Streambank Stabilization Project in 2017 restored a damaged streambank by regrading and revegetating slopes using geocells and rip rap armoring.

The Menomonee River Streambank project (2017-2019) stabilized a 250-foot unvegetated section of streambank that had eroded inward approximately 35 feet towards a County golf course and Milwaukee Metropolitan Sewerage District infrastructure. A gravel/cobble bar on the left bank forced flow against the sandy right bank, causing this section to collapse. The scope of work included hard toe installation to limit undercutting, upper bank bioengineering treatments, and manipulation of the mid-channel bar.

In 2020 and 2021, Milwaukee County completed the design of a streambank stabilization project on the Oak Creek. The Oak Creek has eroded away a large section of streambank into a steep slope that potentially threatens nearby Oak Creek Parkway road. The design is completed, and construction is planned for 2022.

We have had other successes in the last five years such as improving Lakefront access and improving near shore water quality through our South Shore Water and Beach Improvement and McKinley Marina projects. We also continue to monitor water quality in our 60 plus ponds and lagoons, including projects to abate blue green algae. What the annual workplans miss, however, is the work of our Natural Areas Program and the work they do in pursuit of our LWRMP goals.

Milwaukee County has only 8500 acres of agricultural land. Compare that to 15,000 acres of land within the Milwaukee County Park System, 9000 acres of which is managed by the Parks' Natural Areas Program. In our densely populated urban environment, it is important to protect and maintain the natural areas that remain. On an annual basis the Milwaukee County Parks Natural Areas Program and its partner organizations conduct ecological restoration and habitat management activities at approximately 50 natural areas within the Park System.

Research data are used to develop and implement comprehensive ecological restoration and management plans (ERMP). In the last few years ERMPs have been developed for 1,162 acres of natural areas within the Oak Creek Parkway and 652 acres within the Little Menomonee River Parkway.

Current major projects include implementing the Parks/USEPA/WDNR Area of Concern (AOC) remedial action plan which covers portions of the Milwaukee River Parkway, Menomonee River Parkway, Little Menomonee River Parkway, and County Grounds Park. It is projected that this project, upon completion, will have made a \$20,000,000 investment towards improving terrestrial wildlife habitat within the Park System.

Parks ecological research is ongoing and during 2016-2020, staff, partner organizations, and contractors documented 32 species of state-listed flora and 65 species of state/federally listed fauna utilizing the natural areas within the Park System. This includes the federally endangered Rusty Patched Bumble Bee which inhabits numerous natural areas across the Park System.

On average Milwaukee County Parks Natural Areas staff, partners, and contractors improve the ecology of approximately 800 acres of natural areas annually through invasive species removal (currently they manage for 39 different invasive species), reforestation projects that convert leased farmland and turfgrass areas to native hardwoods and shrubs, installation of pollinator gardens and prairies, prescribed fire, and forest stand improvement projects.

The Natural Areas staff also provides outreach to the public and typically provide 20 presentations annually to local community groups as well as formal presentations at state and national conferences. Topics have included: bird conservation, invertebrate conservation, living with coyotes, restoration ecology, etc.

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.

Milwaukee County has not made progress in implementing our priority farm strategy. As the most urban and populous county in Wisconsin our focus is different than most or even all the other Wisconsin counties. In 2015, there were 8500 acres of agricultural land, or 5.5% of the total area, in Milwaukee County. There was a 34% decrease in agricultural acreage from 2000 to 2015. It is expected that today the amount of land in production is even lower. Since over 95% of our land area is urban, we tend to spend most of our efforts on other priorities. Urban nonpoint source pollution, Lake Michigan shoreline erosion, and the preservation of our remaining natural areas are examples of these.

In 2020 and 2021, the pandemic and staffing shortages has slowed some of our efforts in all areas causing us to focus on other critical areas. Milwaukee County intends to make progress in implementing our priority farm strategy, and it will remain in our annual workplans until progress is made.

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?

Milwaukee County has made little progress in this effort as noted above. Milwaukee County intends to utilize GIS to identify priority farms for compliance determinations, track progress on implementing performance standards, and meet reporting requirements. Our planned approach is documented beginning on page 287 of the 2022-2031 Land and Water Resource Management Plan (LWRMP).

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.

Milwaukee County's land use has generally been the same over the last decade, and as a result our conservation priorities have largely remained the same. Our conservation goals as stated in the LWRMP are largely unchanged, but an increase in public interest in environmental issues has intensified some of our efforts and climate change and its effects have brought others to the forefront.

Over the last ten years LCD staff has spent more and more hours dealing with stormwater and urban nonpoint source issues. Increasing requirements in our municipal Wisconsin Pollutant Discharge Elimination System (WPDES) stormwater permit and recently written Total Maximum Daily Load (TMDL) requirements have dominated our workload and promise to continue this trend in the years to come.

In 2021, Milwaukee County applied for a Wisconsin Department of Natural Resources 2022 Urban Nonpoint Source Grant to hire a consultant for TMDL related planning and modeling.

In recent workplans (2019 and 2020), Milwaukee County has added work related to shoreline stabilization along Lake Michigan. Over the last few years Lake Michigan's water levels have been at historic high levels. Many believe that this is a result of our changing climate and that we should be prepared for widely fluctuating lake levels in the future. High Lake Michigan water levels couple with more frequent strong storms (also a possible result of climate change) have caused damage and severe erosion along Milwaukee County's coastline. While preventing coastal erosion has always been a goal climate change makes coastal resiliency a priority in our workplans for the foreseeable future. In response, Milwaukee County created a coastal resource inventory and policy guidelines for shoreline development, mentioned above.

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

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

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

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

Answer Below

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: 11/11/2021

Signature of Authorized Representative: Timothy Detzer **Date:** 11/11/2021
(e.g. County Conservationist, LCC chair)

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

**MILWAUKEE 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)	OUTCOMES/ACCOMPLISHMENTS
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• *Cropland*

Cropland, soil health and/or nutrient management			
<i>Comply with NR 151 Agricultural performance Standards (Goal 1)</i>	Provide cost-share and technical assistance to priority farm landowners to implement BMPs. Complete one mailing to direct producers to website.	Complete a targeted mailing to producers.	Not completed.
<i>Comply with NR 151 Agricultural performance Standards (Goal 1)</i>	Identify priority farms using GIS-based methods based on location to water resources and create owner list to use for standards compliance evaluation.	Completion of inventory.	Not Completed.
<i>Conduct and Promote Streambank Stabilization Projects and Projects Employing Best Management Practices to Reduce Erosion (Goal 1)</i>	Work with land owner to utilize bond funding to implement critical area stabilization.	Acres of critical area stabilization.	Milwaukee County used bond funding with one landowner to implement one acre of critical area stabilization in 2020. The work was completed.

• *Water quality*

Water quality/quantity			
<i>Comply with conditions of WPDES NR 216 Permit</i>	Storm water Management Planning Inventory/Analysis for TMDL regulations	Outline a scope of work for TMDL analysis/planning.	This process began in 2020 and continues into 2021. This work was used to apply for a WDNR UNPS grant for fiscal year 2022.
<i>Continue monitoring of County Parks and Lagoons/Conduct improvement Projects recommended in the Pond and Lagoon Management Plan</i>	Apply for grant for management of cyanobacteria (Blue-Green Algae)	Submit grant application.	Two grants, a Fund for Lake Michigan grant and a Wisconsin Coastal Management grant, were applied for and received. The grants pay for work by UWMs Zilbar School of Public Health and the School of Freshwater

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

			Sciences to sample and analyze lagoon water and incoming stormwater for nutrients, contaminants, and algae to determine conditions that contribute to blue green algae levels.
<i>Continue to Improve and Maintain Lake Michigan Shoreline Protection Measures and Abate Shoreline Erosion Problems in Milwaukee County Parks.</i>	McKinley Park Flushing Channel Sea wall Design McKinley Veterans Park Seawall Design.	Completed design for two projects to be constructed in subsequent years.	<p>The McKinley Park Flushing Channel Sea wall Design is greater than 90 percent complete. It did not get funded for 2022 construction. It will compete again next year for 2023 construction funding.</p> <p>The McKinley Veterans Park Seawall project involved a phased approach of a thorough inspection – both underwater, above ground/water and exploratory excavation behind the wall. Despite the bowing out of the wall at different stretches, it was determined the existing seawall was in satisfactory shape. The battered pile connections to the whaler and whaler to the seawall were in good condition. It was determined that no repair is necessary at this time and the wall will be monitored by establishing a baseline survey to compare future surveys.</p>

• *Urban*

Urban issues			
<i>Encourage Public Awareness of Water Quality Problems and Stormwater Issues (Goal 1)</i>	As requested, give presentations to public groups and others on stormwater and water quality issues. One presentation in 2020.	# presentations	In 2020 Milwaukee County financially contributed to the Respect Our Waters Campaign, a multi-media campaign aiming to improve the public's understanding of stormwater runoff and water pollution. Due to the COVID-19 pandemic Milwaukee County staff did not participate in any presentations to public groups in 2020.
<i>Implement NR 216 Stormwater Requirements (Goal 1)</i>	Comply with conditions of WPDES NR 216 permit; install three BMPS (bioswales,	# staff hours # BMPs installed	LCD staff worked 1674 hours in 2020 toward the NR 216 permit and

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

	pervious pavers, infiltration basins or rain gardens), monitor 10 suspect outfalls for illicit connection/discharge, complete annual report to WDNR.	# TSS removed (WinSLAMM)	stormwater management issues. Ten outfalls were monitored for the IDDE program, and the annual report was submitted to the WDNR.
<i>Implement NR 216 Stormwater Requirements (Goal 1)</i>	Maintain stormwater pollution prevention plans (SWPPP) for applicable County facilities and inspect all facilities annually, semi-annually (dry weather) and quarterly (wet weather).	# of plans updated # inspections	Milwaukee County has seven facilities with SWPPPs. All of them were inspected for adherence with the SWPPP in 2020 (12 inspections total). None of the SWPPPs required updating. Two BMPs (bioinfiltration basins) were installed in 2020.
<i>Implement NR 216 Stormwater Requirements (Goal 1)</i>	Inspect and maintain County-owned, operated, and permitted structural stormwater facilities; inspect all facilities (approx. 40) at least once per year	# inspections	Fifty-two BMP inspections were performed in 2020.

- *Watershed*

Watershed strategies	Work with entities on Oak Creek Watershed Restoration 9-key elements planning.	number of meetings attended	Milwaukee County has several members on the advisory group for this planning effort that worked through 2020 and 2021. Members of the LCD attended the two advisory group meetings that were held in 2020 and three in 2021. Members of the LCD also attended several other smaller focused meetings on this topic in 2020 and 2021. Milwaukee County has agreed to track project implementation and progress for this effort.
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- *Other/ Lake Michigan Bluff Protection*

<i>Continue to Improve and Maintain Lake Michigan Shoreline Protection Measures and Abate Shoreline Erosion Problems in Milwaukee County Parks (Goal 3).</i>	Develop a bluff management policy for county-owned properties.	Create a formal policy and communicate it via coordinated outreach, including public presentations.	As part of a National Oceanic and Atmospheric Administration Coastal Resilience Grant, the Wisconsin Coastal Management Program awarded Milwaukee County a grant in support of a study entitled, Coastline Management Guidelines for Milwaukee County. The study, which was completed in February 2021, was used
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**MILWAUKEE COUNTY 2020 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

			to develop a formal policy and set of coastal land management guidelines the County can use to proactively manage its coastal properties. The policy and management guidelines developed will be a valuable resource to the County and its coastal municipalities and also to those in the private sector considering coastal development projects. County staff worked with SEWRPC to develop the coastal management guidelines.
<i>Continue to Improve and Maintain Lake Michigan Shoreline Protection Measures and Abate Shoreline Erosion Problems in Milwaukee County Parks (Goal 3).</i>	Inventory assets along bluffs and assess their vulnerability to extreme weather events.	Develop an asset inventory which prioritizes assets according to value and vulnerability	Milwaukee County created a GIS inventory of coastal natural resources and developed features owned by the County that includes property boundaries, facilities, infrastructure, and natural resources. From the inventory, a list of County-owned coastal resources was developed. The assets were assigned a monetary value. Site visits were conducted to assess and document site conditions. A vulnerability analysis report was conducted for the inventoried sites based on site conditions, value assessments, and existing environmental hazard data.
<i>Land & Water Resource Management Plan 2022-2031</i>	Develop/begin developing update to Land & Water Resource Management Plan	Establish draft.	The process started in 2020 and the draft was completed in 2021.

**MILWAUKEE 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		
Manure storage closure		
Livestock facility siting		
Nonmetallic/frac sand mining		
Storm water 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	
For FPP	
For NR 151	
Animal waste ordinance	
Livestock facility siting	
Storm water and construction site erosion control	
Nonmetallic mining	

Table 4: Planned outreach and education activities

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

**MILWAUKEE 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>Staff</i>	3000	\$240,000
Cost Sharing (can be combined)		
<i>Ex. Bonding</i>	<i>N/A</i>	<i>\$20,000</i>
<i>Ex. MDV</i>		

**MILWAUKEE 2021 ANNUAL WORK PLAN
LOCALLY IDENTIFIED PRIORITIES**

Table 1: Planned activities and performance measures by category

CATEGORY (goal and objective from LWRM plan can be added in each category)	PLANNED ACTIVITIES WITH BENCHMARKS If applicable identify focus areas, e.g. HUC 12 watershed code (examples of types of “planned activities” in italics)	PERFORMANCE MEASUREMENTS (examples in italics)
<ul style="list-style-type: none"> <i>Cropland</i> 		
Cropland, soil health and/or nutrient management		
<i>Comply with NR 151 Agricultural performance Standards (Goal 1)</i>	Provide cost-share and technical assistance to priority farm landowners to implement BMPs. Complete one mailing to direct producers to website.	Complete a targeted mailing to producers.
<i>Comply with NR 151 Agricultural performance Standards (Goal 1)</i>	Identify priority farms using GIS-based methods based on location to water resources and create owner list to use for standards compliance evaluation.	Completion of inventory.
<ul style="list-style-type: none"> <i>Water quality</i> 		
Water quality/quantity (other than activities already listed in other categories)		
Continue monitoring of County Parks and Lagoons/Conduct improvement Projects recommended in the Pond and Lagoon Management Plan	Assist UWM with water sampling for management of cyanobacteria (Blue-Green Algae)	# of sampling events
Continue monitoring of County Parks and Lagoons/Conduct improvement Projects recommended in the Pond and Lagoon Management Plan	Initiate collection of physical data for the Oak Creek Mill pond lagoon, including a bathymetric survey to estimate the volume of sediment requiring dredging. Seek funding opportunities for sediment sampling.	Completion of Survey Identification/procurement of funding Completion of sediment sampling
Conduct and Promote Streambank Stabilization Projects and Projects Employing Best Management Practices (BMPs) to Reduce Erosion	<i>Complete design and construction estimate of Oak Creek Streambank Stabilization</i>	Completed Design
<ul style="list-style-type: none"> <i>Urban</i> 		
Urban issues		
<i>Encourage Public Awareness of Water Quality Problems and Stormwater Issues (Goal 1)</i>	As requested, give presentations to public groups and others on stormwater and water quality issues. One presentation in 2021.	# presentations

**MILWAUKEE 2021 ANNUAL WORK PLAN
LOCALLY IDENTIFIED PRIORITIES**

<i>Implement NR 216 Stormwater Requirements (Goal 1)</i>	Comply with conditions of WPDES NR 216 permit; install three BMPS (bioswales, pervious pavers, infiltration basins or rain gardens), complete annual report to WDNR.	# staff hours # BMPs installed # TSS removed (WinSLAMM)
<i>Implement NR 216 Stormwater Requirements (Goal 1)</i>	Maintain stormwater pollution prevention plans (SWPPP) for applicable County facilities and inspect all facilities annually, semi-annually (dry weather) and quarterly (wet weather).	# of plans updated # inspections
<i>Implement NR 216 Stormwater Requirements (Goal 1)</i>	Inspect and maintain County-owned, operated, and permitted structural stormwater facilities; inspect all facilities (approx.. 50) at least once per year	# inspections
<i>Implement NR 216 Stormwater Requirements (Goal 1)</i>	Expanding Illicit Discharge Detection and Elimination Program from Menomonee River Watershed to the entire County	# of outfalls evaluated # of outfalls identified/inspected
<i>Implement NR 216 Stormwater Requirements (Goal 1)</i>	Establish bacteria action benchmark and Draft IDDE enforcement plan	Submission of benchmark and completion of Enforcement Plan

- *Watershed*

Watershed strategies		
	Serve on the Advisory Committee to develop the Oak Creek Watershed Restoration (9-Key Elements) plan.	number of meetings attended

- *Other*

Other		
<i>Continue to Improve and Maintain Lake Michigan Shoreline Protection Measures and Abate Shoreline Erosion Problems in Milwaukee County Parks (Goal 3).</i>	Begin design of northern section of South Shore breakwater	Issue Request for Proposal Completed design % of contract completed
<i>Continue to Improve and Maintain Lake Michigan Shoreline Protection Measures and Abate Shoreline Erosion Problems in Milwaukee County Parks (Goal 3).</i>	Continue design of North Point Parking lot including BMPs for storm water, rehabilitation of revetement, and parking lot due to erosion from high lake levels.	Completion of design/start of construction
<i>Continue to Improve and Maintain Lake Michigan Shoreline Protection Measures and Abate Shoreline Erosion Problems in Milwaukee County Parks (Goal 3)</i>	Complete vegetation maintenance at Warnimont Park	# of site maintenance visits
<i>Land & Water Resource Management Plan 2022-2031</i>	Develop update to Land & Water Resource Management Plan	Finalize plan

**MILWAUKEE 2021 ANNUAL WORK PLAN
LOCALLY IDENTIFIED PRIORITIES**

Table 2: Planned activity related to permits and ordinances

Permits and Ordinances	Plans/application reviews anticipated	Permits anticipated to be issued
Feedlot permits		
Manure storage construction and transfer systems		
Manure storage closure		
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	
For FPP	
For NR 151	
Animal waste ordinance	
Livestock facility siting	
Stormwater and construction site erosion control	
Nonmetallic mining	

**MILWAUKEE 2021 ANNUAL WORK PLAN
LOCALLY IDENTIFIED PRIORITIES**

Table 4: Planned outreach and education activities

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

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

Staff/Support	Hours	Costs
<i>Staff</i>	3000	1,500,000
Cost Sharing (can be combined)		
<i>Bonding</i>	<i>NA</i>	<i>\$20,000</i>

CORRESPONDENCE/MEMORANDUM _____ STATE OF WISCONSIN

DATE: December 7, 2021

TO: Land and Water Conservation Board Members and Advisors

FROM: Bureau of Land and Water Resources, DATCP

SUBJECT: *FSA Representation on County LCCs*

This is an informational item.

Following agenda item *FSA Representation on County LCCs*, on the August 3rd meeting of the Land Water Conservation Board (Board), the Board requested that department staff consult agency legal counsel on the following:

- Does s. 92.06(1)(b)2., Wis. Stats. apply to [representatives of] a federal agency?
- Does s. 92.06(1)(b)2. afford the presumption that an individual appointed to the LCC as the FSA representative should represent the USDA FSA in an official capacity?

Under s. 92.05(3)(i), Wis. Stats., the Department of Agriculture Trade and Consumer Protection is charged with providing staff to assist the Board in performing its statutory duties, as enumerated under s. 92.04(2), Wis. Stats.

Per s. 92.04(2), Wis. Stats., the LWCB's duties include the following:

(a) Advise secretary and department. The board shall advise the secretary and department on matters relating to exercise of the department's authority under this chapter.

(b) Review land and water resource management plans. The board shall review land and water resource management plans prepared under s. [92.10](#) and make recommendations to the department on approval or disapproval of those plans.

(d) Review plans. The board shall review annual grant allocation plans developed under s. [92.14 \(6\) \(b\)](#) and make recommendations to the department on approval, modification or disapproval of the plans.

(e) Review joint evaluation plan. The board shall review the evaluation plan prepared under s. [92.14 \(13\)](#). After its review, the board shall make recommendations on the plan to the department and to the department of natural resources.

(f) Review annual reports. The board shall review the annual reports under ss. [92.14 \(12\)](#) and [281.65 \(4\) \(o\)](#).

(g) Advise the University of Wisconsin System. The board shall advise the University of Wisconsin System annually on needed research and educational programs relating to soil and water conservation.

(h) State erosion control goals; compliance and evaluation. The board shall review compliance with state soil erosion control goals established under s. [92.025](#). The board shall notify the department and the legislature if these goals are not achieved or if it is unlikely that these goals will be achieved.

(i) Tolerable erosion levels. The board shall establish a tolerable erosion level based on an erosion rate which is acceptable and maintains long-term soil productivity.

(j) Records. The board shall keep a full and accurate record of all proceedings before it and all actions taken by it.

(k) Review of pollution abatement determinations. The board shall review and affirm or reverse decisions of county land conservation committees under s. [281.20 \(3\) \(b\)](#) when review is requested under s. [281.20 \(5\)](#). The board may conduct an informal hearing that is not a contested case under ch. [227](#).

(L) Review of critical site determinations. The board shall review and affirm or reverse decisions of county land conservation committees under s. [281.65 \(7\) \(a\) 2](#), when review is requested under s. [281.65 \(7\) \(b\)](#). The board may conduct an informal hearing which is not a contested case under ch. [227](#).

The Board's request that department staff consult its legal counsel to assist with legal questions regarding FSA representation on county LCCs, falls outside of the statutory scope of the Board's duties, under 92.04(2), Wis. Stats. Therefore, per s. 92.05(3)(i), Wis. Stats., the Department may not intervene to provide guidance to the Board on these matters.

CORRESPONDENCE/MEMORANDUM _____ **State of Wisconsin**

DATE: November 24, 2021

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 *Waukesha County Land and Water Resource Management Plan*

Action Requested: This is an action item. The department has determined that the *Waukesha 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, 2031, and would be subject to a five year review prior to December 31, 2026.

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, Waukesha County must submit an annual work plan meeting DATCP requirements during each year of its 10-year plan approval.

Waukesha County held a public hearing on October 6, 2021, as part of its public input and review process. The Waukesha 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
- 2020 workplan with accomplishments and current 2021 workplan

Presenters: Alan Barrows, Waukesha County Land Resource Manager
Bill Mitchell, Land Use, Parks, & Environment 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: WAUKESHA

Date Plan Submitted for Review: 9/10/2021

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"/>	4, 9
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			6/16/2021 8/5/2021
2. Provide the date the county held a public hearing on the LWRM plan ¹			Nov 10, 2021
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			Dec. 2021
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"/>	25,26, 58 App F
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"/>	39

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.

- ii. identification of the causes and sources of the water quality impairments and pollutant sources 36-44
52,53
- iii. identification of areas within the county that have water quality problems that merit action within the next 10 years. App F

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 App F
- b. pollutant load reduction targets for the watersheds, if available App F

Other comments: The goals section cover much of this information. Being predominately urban the county goals are focused on urban runoff

IV. DNR CONSULTATION	Yes	No	Page
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"/>	12

Other comments: __

V. PLAN IMPLEMENTATION	Yes	No	Page
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"/>	70,92
b. State and local regulations used to implement the plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>	9-13
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"/>	95
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"/>	App. E

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.

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"/>	70-75, 92
<hr/>			
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"/>	96-97
b. the staff time needed to provide technical assistance and education and outreach to implement the plan.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	96-97
<hr/>			
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"/>	70,92-93

Other comments: _____

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"/>	92
<hr/>			
2. Does the LWRM plan describe coordination activities with local, state and federal agencies?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12

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
<hr/>			
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"/>	97-104

Other comments: _

VIII. EPA SECTION 319 CONSIDERATIONS

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.

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
-

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: 11/12/21



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

County: Waukesha 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.

From January 1, 2016 through December 31, 2020:

The Land Resources Division (“LRD”) of the Waukesha County Department of Parks and Land Use has cost-shared 93 well abandonments using DATCP SWRM grant dollars. This activity is part of LRD staff annual job duties as part of their performance evaluation process.

Under the County’s Stormwater Management and Erosion Control Ordinance, LRD has completed 497 stormwater plan reviews, issued 441 stormwater permits, conducted 4,016 compliance inspections and added 49 new certified stormwater BMPs to our online tracking database. This activity is part of LRD staff annual job duties as part of their performance evaluation process.

The LRD’s education programs, which include annual stormwater workshops, Scout merit badge workshops, composting programs, rain garden/rain barrel workshops and school programs totaled 417 programs and 19,661 individuals. Note: most of these programs were face-to-face, except in 2020 where some virtual workshops and programs were held due to the COVID-19 pandemic. This activity is part of LRD staff annual job duties as part of their performance evaluation process.

For the LRD’s aquatic invasive species program, we hired 16 summertime interns for conducting Clean Boats Clean Waters (“CBCW”) watercraft inspections (2018 – 2020). LRD will hire CBCW interns on behalf of lake organizations that don’t have an established hiring and payroll system through Intergovernmental Agreements (“IGAs”). The interns are seasonal employees of Waukesha County but work directly with specific lake groups at public boat launches. This activity is part of LRD staff annual job duties as part of their performance evaluation process.

LRD has entered into two agreements with municipalities to assist in the implementation of approved Adaptive Management programs to provide landowner contacts and technical assistance.

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.

A review of the work plans and annual reports for 2016 through 2020 did not identify significant inability for LRD staff to accomplish planned activities. LRD annual workplans are designed for a wide variety of planned activities and performance measures to account for roadblocks for success. For example, in 2020, in-person compliance spot checks for non-metallic mines and agricultural operations were put on hold due to the COVID-19 pandemic. Staff resources were directed to other program areas that did not experience a slow down (i.e., stormwater permitting and construction site erosion control).

LRD has used the following process for many years to evaluate staff progress with annual planned activities:

LRD employees have job specific duties and goals established in January of each year. Every 90 days, each employee has a meeting with the LRD Manager to review progress. In July of each year, a mid-year review is conducted, where any adjustments to duties and goals are documented. The annual workplan and Land and Water Resource Management Plan are tools that are used for adjustments in duties and goals as needed. An annual review is conducted for each LRD employee to evaluate individual performance in December each year. Waukesha County uses a “pay for performance” system where employees understand that they can be rewarded for high-quality work through a performance award.

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?

Waukesha County has developed a GIS based agricultural compliance tracking system where information regarding facilities, fields and farms is tracked. The tracking system is used to record the results of farm compliance checks, track progress on implementing performance standards, identify priority farms and generate reports.

The priority identification process for farms includes Farmland Preservation Program participants, farms located in the Water Quality Management Area, farms needing zoning or stormwater permits for new construction or business operation under a Conditional Use permit, and any farm expressing interest in improving soil and water conservation.

In addition to the Agricultural Nonpoint Implementation Procedures outlined in the plan, we also use Town and County zoning jurisdictions as an opportunity to meet with agricultural landowners through the issuance of permits for new farm structures, grading and boarding operations.

This activity is part of LRD staff annual job duties as part of their performance evaluation process.

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.

An example of a change in LRD program activity is the development of our aquatic invasive species program following the identification of Starry Stonewort in the Muskego Lakes in 2016. Waukesha County developed an AIS program and partnered with Washington County to hire a shared AIS Coordinator.

Another example is the implementation of TMDL pollutant reduction requirements in the Rock and Milwaukee River basins. Stormwater plan reviews now include determining compliance with phosphorus reduction targets through modeling.

A third example is the use of the Universal Soil Loss Equation ("USLE") spreadsheet from WDNR for construction sites with over one acre of grading. Prior to 2016, compliance with the construction site erosion control performance standard (80% TSS) was done through a "presumed compliance" approach. The new standard is 5 tons per acre per year and calculated for each site.

A fourth example is the implementation of conservation standards for County cropland rentals.

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

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

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

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

Answer Below

The Waukesha County Land and Water Resource Management Plan 2022 Update has many activities that address community resiliency to extreme weather. Some examples include:

The Waukesha County Stormwater Management and Erosion Control Ordinance contains site drainage standards addressing structure protection from surface water and groundwater flooding. Specific site drainage standards include [Goal 1, Objective F – page 65):

- A 1-foot separation requirement between a new basement floor and the highest groundwater table elevation.
- Vertical and horizontal setbacks for new structures from peak water elevations in stormwater basins and conveyances that have more than 1-foot of water.
- Vertical and horizontal setbacks for new structures from internally drained areas (i.e. kettles) from the peak water elevation caused by a frozen ground 100-year storm.

Other examples include updating the rainfall depth and distribution to Atlas 14/MSE3 in 2016 for stormwater calculations [Goal 1, Objective B – page 62], the encouragement of WI native perennial vegetation in stormwater basins which have deep roots are more suited to extreme wet or dry conditions [Goal 1, Objective H – page 65], preservation of Environmental Corridors/wetlands/floodplains [Goal 5, Objective C – page 75], smart salting workshops for municipal and private snow removal personnel [Goal 2, Objective C – page 68], restoration of wetlands and streambanks for flood control and erosion protection from high flows [Goal 5, Objective D – page 76], late season stabilization requirements for construction activities that stretch later in the fall when conditions allow [Goal 1, Objective A – page 62].

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: TBD – The Chairman of the Land Use, Parks and Environment Committee is on the LWRM Plan Update Advisory Committee. I have requested that the Waukesha County Board Chief of Staff provide these materials to the Committee in November 2022.

Signature of Authorized Representative: Alan Barons Land Resources
Manager/County Conservationist **Date:** 11/12/2021
(e.g. County Conservationist, LCC chair)

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

WAUKESHA COUNTY 2020 LAND & WATER CONSERVATION WORK PLAN*
LOCALLY-IDENTIFIED PRIORITIES

Table 1: Planned activities and performance measures by work category

<p style="text-align: center;">WORK CATEGORY (Goal/Objective from LWRM Plan)*</p>	<p style="text-align: center;">PLANNED ACTIVITIES WITH BENCHMARKS & TARGET AREAS</p>	<p style="text-align: center;">PERFORMANCE MEASUREMENTS</p>
<p style="text-align: center;">Cropland, Soil Health and/or Nutrient Management (Goal 3, Objective A)</p> <p>Implement state agricultural nonpoint performance standards and prohibitions</p>	<p>Target Farmland Preservation Program (FPP) participants & county-owned cropland; Contact landowners; Complete compliance evaluations; Collect nutrient management checklists annually (estim. 20); Enforce/monitor county conservation standards on county-owned cropland through leases (goal: 4 inspections); Administer online bidding & tracking system for 14 county leases; Complete 2 lease bids; Maintain landowner, facility, farm and field data in our agricultural nonpoint compliance GIS tracking application.</p>	<p><i># Landowners contacted – 3 contacted for FPP</i> <i># County land leases bid and monitored – 2 Bids, 14 administered</i> <i># Compliance evaluations/inspections completed – 2 evaluations completed</i> <i># Nutrient mgt. checklists collected – 31 collected</i> <i># Certificates of Compliance issued – 0</i> <i># Compliance schedules issued – 0</i> <i># Notice of noncompliance issued – 0</i> <i>Implementation of Ag nonpoint compliance GIS App – Yes</i></p>
<p style="text-align: center;">Protect Water Quality (Goal 2/Objective C; Goal 1/Objective E)</p> <p>Minimize negative impacts on surface and groundwater from nutrients, pesticides, road salt and other contaminants contained in runoff</p>	<p>Promote the proper abandonment of unused wells & offer SWRM cost-sharing assistance to residents (goal: 3 well abandonments); Complete landowner contracts, site assessments, soil investigations, topo surveys and preliminary designs for a possible streambank restoration and other conservation projects to contract remaining SWRM cost-sharing funds.</p>	<p><i># Landowners contacted – 13</i> <i># Site assessments completed - 3</i> <i># Soil investigations and surveys completed - 2</i> <i># Well abandonments completed – 10</i> <i>\$ Cost-share funds distributed - \$8,284</i> <i># Lineal feet of gully erosion controlled - 0</i> <i># BMPs installed - 3</i> <i># acres of buffers installed – 0 new buffers installed</i></p>
<p style="text-align: center;">Control the Spread of Aquatic Invasive Species (AIS) (Goal 4/Objective B)</p> <p>Implement an AIS education, prevention & planning program</p>	<p>Execute new grant agreement with DNR; renew IGA with Washington Co. and hire a new shared AIS Coordinator; Confirm lake organization financial support for 2nd Intern; Hire 7 AIS summer interns (2 for the County/5 for Lake districts through IGAs); Update AIS Strategic Plan with local advisory committee support; Develop & implement AIS program per the approved strategic plan; Host 4 Clean Boats Clean Water trainings; Conduct at least 200 hours of Clean Boats Clean Waters surveys; Set up AIS educational signs at boat launches upon request.</p>	<p><i># of lake surveys completed/mapped - 4</i> <i>\$ provided by lake organizations to support program -</i> <i># of boats inspected through CBCW – 4,431</i> <i># people contacted at launches through CBCW – 10,619</i> <i># of workshops hosted and/or presented - 7</i> <i># of people trained in AIS - 9</i> <i># of educational signs posted at boat launches - 0</i> <i># of AIS E-News distributed through email - 12</i></p>

WAUKESHA COUNTY 2020 LAND & WATER CONSERVATION WORK PLAN*
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<p align="center">WORK CATEGORY (Goal/Objective from LWRM Plan)*</p>	<p align="center">PLANNED ACTIVITIES WITH BENCHMARKS & TARGET AREAS</p>	<p align="center">PERFORMANCE MEASUREMENTS</p>
<p align="center">Control Urban Runoff Pollution & Flooding (Goal 1, Objectives A and C)</p> <p>Implement State Non-Agricultural Nonpoint Pollution Performance Standards through the enforcement of the Waukesha County Stormwater & Erosion Control Ordinance.</p> <p>Maintain compliance with the County's MS4 permit.</p>	<p>For 9 towns and 2 villages in the Rock & IL Fox River Watersheds: Review new land divisions & development plans; Issue Stormwater Permits (ave. 50-100/yr.); Conduct construction inspections (ave. 500/yr.); Carry out ordinance enforcement activities; Improve automation of permit activities; Conduct BMP maintenance inspections (ave. 30/yr.); Ordinance standard of 10-20 day response time for permit reviews (goal: 7-11 days/review).</p>	<p><i># Stormwater plan reviews – 100</i> <i># Stormwater Permits issued – 82</i> <i># Construction site inspections completed – 517</i> <i># Stormwater BMPs inspected - 29</i> <i># Days in staff response time/permit requests – 5.5 avg</i> <i>Automation improvements completed - 1</i> <i># and type of BMPs installed - 3 bioretention basins, 6 infiltration basins, 4 infiltration trenches, 1 stormwater prairie, 4 porous pavements, 9 rain gardens</i></p>
<p align="center">Educate the Public on Conservation Issues (Goal 4, Objective A)</p> <p><u>Target Audience:</u> Developers, engineers, local government officials and utility companies</p> <p><u>Primary Topics:</u> Urban nonpoint pollution, storm water mgt. & erosion control, groundwater protection, MS4 permit compliance, LID, flood control, etc.</p>	<p>Host 3 stormwater webinars of 2 hours each in cooperation with WI Land + Water (Goal: 150 participants per webinar/Eval. rating 3.5/4); Host ½ day workshop for internal staff /municipal partners (Goal: 15 participants); Send regular E-news Updates to local officials in 25 MS4 communities regarding planned & completed stormwater I/E activities (quarterly); Host annual stormwater education program work planning meeting with MS4 communities (Dec).</p>	<p><i># Workshops hosted - 3</i> <i># Workshop attendees - 426</i> <i>Average workshop evaluation rating – N/A</i> <i># E-news updates distributed to local officials - 4</i> <i># E-news recipients - 126</i></p>
<p align="center">(Goal 4, Objective B)</p> <p><u>Target Audience:</u> General Public</p> <p><u>Primary Topics:</u> Nonpoint pollution, groundwater protection, water conservation, volunteer stream monitoring, invasive species control, green infrastructure, etc.</p>	<p>Conduct educational workshops/presentations; Provide displays/booths for special events or public places; Support volunteer water quality monitoring teams (Ave. 25 teams) Offer storm sewer markers/program; Issue 4 press releases; Sell rain barrels & promote rain gardens; Utilize new water displays at Retzer Nature Center for public viewing; Offer targeted programs for scouts and other public groups (Goal: 100 participants).</p>	<p><i># Workshops conducted / # attendees - 0</i> <i># Volunteer monitors - 47</i> <i># Presentations / # attendees- 10/114</i> <i># Public displays – 2/500 people</i> <i># Press releases- 1</i> <i># Rain barrels sold - 5</i> <i># people at rain garden/rain barrel workshop - 0</i> <i># Public attendance at Retzer - 21646</i> <i># scouts/other reached - 38</i></p>

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<p align="center">Educate the Public on Conservation Issues (cont.) (Goal 4, Objectives C)</p> <p><u>Target Audience:</u> Farmers and rural landowners</p> <p><u>Primary Topics:</u> Agricultural nonpoint performance standards, buffers, wetland restoration, farmland preservation, conservation programs, cost-sharing, etc.</p>	<p>One-on-one landowner visits during annual FPP spot checks or other opportunities (see Goal 3 above); Offer mobile soil health testing unit to use during farm visits; Assist a local farmer led organization in the County, including developing a work plan and possibly applying for a DATCP grant and creating BMP cost-share program.</p>	<p><i># Soil health tests conducted – 0</i></p> <p><i># Landowners/farmers participants – 9 participants</i></p> <p><i>Completion of farmer-led work plan – In progress</i></p> <p><i>\$ Grant funds allocated in 2021 - \$1,500 of non-DATCP funding</i></p>
<p align="center">(Goal 4, Objectives D)</p> <p><u>Target Audience:</u> Teachers, students, & youth groups</p> <p><u>Primary Topics:</u> Nonpoint pollution, groundwater, water quality monitoring, invasive species control, composting, etc.</p>	<p>Sponsor a summer teacher training bus tour of conservation issues/projects (Goal: 15-25 teachers); Promote & implement County Green School program and offer \$3K grants per school; Deliver classroom presentations; Provide water quality monitoring training to classes; Targeted E-news for all of these; (Ave. 25 schools and 1,800 youth/yr.)</p>	<p><i># teacher trainer participants - 9</i></p> <p><i># Classroom presentations - 30</i></p> <p><i># students - 1315</i></p> <p><i>Evaluation ratings by attendees for the above – N/A</i></p> <p><i># E-news distributed - 1</i></p> <p><i># Green School participants - 2</i></p> <p><i>\$ Green School grants distributed - \$367.20</i></p> <p><i>Projects completed with Green School grants - 1</i></p> <p><i># students in field experiences - 0</i></p> <p><i># field experiences – 0</i></p>
<p>Reclaim Nonmetallic Mining Sites (Goal 7, Objectives A & B)</p> <p>Implement NR 135 WI Administrative Code rules through enforcement of the Waukesha County Nonmetallic Mining Reclamation Ordinance. Oversee County-owned gravel pit</p>	<p>For 17 mining sites in 6 different communities in Waukesha County: Review plans; Issue permits; Inspect sites; and Enforce ordinance provisions.</p> <p>Continue to oversee the mining operations and reclamation efforts at the County-owned gravel pit. Maintain groundwater monitoring and annual reporting to the Town of Genesee. Ensure reclamation activities are completed, using composted municipal yard waste as topsoil substitute.</p>	<p><i># Site inspections completed - 0</i></p> <p><i># Acres reclaimed - 0</i></p> <p><i># Groundwater monitoring events completed - 0</i></p>

WAUKESHA COUNTY 2020 LAND & WATER CONSERVATION WORK PLAN*
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Table 5 – 2020 Budgeted Staff Hours and Program Costs

Budget Item	Staff Hours	Program Costs
<i>Personnel: 6.5 Full Time Equivalent (x 2080 hrs.)</i>	13,520 hours	\$584,671
<i>Program support costs (not including \$50K enforcement reserve)</i>	N/A	\$164,443
<i>Landowner cost-sharing (SWRM)</i>	N/A	\$ 50,000
	Total Budget:	\$799,114

* This work plan was submitted to the Wisconsin Department of Agriculture, Trade & Consumer Protection as a component of a Soil & Water Resource Management grant application pursuant to Chapter 50 Wisconsin Administrative Code. The goals and objectives listed above are consistent with, and build off, the adopted [Waukesha County Land & Water Resource Management \(LWRM\) Plan: 2012 Update](#).

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<p style="text-align: center;">Cropland, Soil Health and/or Nutrient Management (Goal 3, Objective A)</p> <p>Implement state agricultural nonpoint performance standards and prohibitions</p>	<p>Target Farmland Preservation Program (FPP) participants & county-owned cropland; Contact landowners; Complete compliance evaluations; Collect nutrient management checklists annually (estim. 20); Enforce/monitor county conservation standards on county-owned cropland through leases (goal: 4 inspections); Administer online bidding & tracking system for 14 county leases; Maintain landowner, facility, farm and field data in our agricultural nonpoint compliance GIS tracking application.</p>	<p><i># Landowners contacted</i> <i># County land leases bid and monitored</i> <i># Compliance evaluations/inspections completed</i> <i># Nutrient mgt. checklists collected</i> <i># Certificates of Compliance issued</i> <i># Compliance schedules issued</i> <i># Notice of noncompliance issued</i> <i>Implementation of Ag nonpoint compliance GIS App</i></p>
<p style="text-align: center;">Protect Water Quality (Goal 2/Objective C; Goal 1/Objective E)</p> <p>Minimize negative impacts on surface and groundwater from nutrients, pesticides, road salt and other contaminants contained in runoff</p>	<p>Promote the proper abandonment of unused wells & offer SWRM cost-sharing assistance to residents (goal: 3 well abandonments); Complete landowner contracts, site assessments, soil investigations, topo surveys and preliminary designs for grassed waterways, a possible streambank restoration and other conservation projects to contract remaining SWRM cost-sharing funds.</p>	<p><i># Landowners contacted</i> <i># Site assessments completed</i> <i># Soil investigations and surveys completed</i> <i># Well abandonments completed</i> <i>\$ Cost-share funds distributed</i> <i># Lineal feet of gully erosion controlled</i> <i># BMPs installed</i> <i># acres of buffers installed</i></p>
<p style="text-align: center;">Control the Spread of Aquatic Invasive Species (AIS) (Goal 4/Objective B)</p> <p>Implement an AIS education, prevention & planning program</p>	<p>Execute new grant agreement with DNR; hire a new shared AIS Coordinator with Washington County; Confirm lake organization financial support for 2nd Intern; Hire 8 AIS summer interns (2 for the County/6 for Lake districts through IGAs); Implement AIS program per the approved strategic plan; Host 4 Clean Boats Clean Water trainings; Conduct at least 200 hours of Clean Boats Clean Waters surveys; Set up AIS educational signs at boat launches upon request.</p>	<p><i># of lake surveys completed/mapped</i> <i>\$ provided by lake organizations to support program</i> <i># of boats inspected through CBCW</i> <i># people contacted at launches through CBCW</i> <i># of workshops hosted and/or presented</i> <i># of people trained in AIS</i> <i># of educational signs posted at boat launches</i> <i># of AIS E-News distributed through Constant Contact</i></p>

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<p align="center">Control Urban Runoff Pollution & Flooding (Goal 1, Objectives A and C)</p> <p>Implement State Non-Agricultural Nonpoint Pollution Performance Standards through the enforcement of the Waukesha County Stormwater & Erosion Control Ordinance.</p> <p>Maintain compliance with the County's MS4 permit.</p>	<p>For 7 towns and 4 villages in the Rock & IL Fox River Watersheds: Review new land divisions & development plans; Issue Stormwater Permits (ave. 50-100/yr.); Conduct construction inspections (ave. 500/yr.); Carry out ordinance enforcement activities; Improve automation of permit activities; Conduct BMP maintenance inspections (ave. 30/yr.); Ordinance standard of 10-20 day response time for permit reviews (goal: 7-11 days/review).</p>	<p><i># Stormwater plan reviews</i> <i># Stormwater Permits issued</i> <i># Construction site inspections completed</i> <i># Stormwater BMPs inspected</i> <i># Days in staff response time/permit requests</i> <i>Automation improvements completed</i> <i># and type of BMPs installed</i></p>
<p align="center">Educate the Public on Conservation Issues (Goal 4, Objective A)</p> <p><u>Target Audience:</u> Developers, engineers, local government officials and utility companies</p> <p><u>Primary Topics:</u> Urban nonpoint pollution, storm water mgt. & erosion control, groundwater protection, MS4 permit compliance, LID, flood control, etc.</p>	<p>Host 2 stormwater webinars of 3.5 hours each in cooperation with WI Land + Water (Goal: 150 participants); Host ½ day workshop for internal staff /municipal partners (Goal: 15 participants); Send regular E-news Updates to local officials in 25 MS4 communities regarding planned & completed stormwater I/E activities (quarterly); Host annual stormwater education program work planning meeting with MS4 communities (Dec).</p>	<p><i># Workshops hosted</i> <i># Workshop attendees</i> <i>Average workshop evaluation rating</i> <i># E-news updates distributed to local officials</i> <i># E-news recipients</i></p>
<p align="center">(Goal 4, Objective B)</p> <p><u>Target Audience:</u> General Public</p> <p><u>Primary Topics:</u> Nonpoint pollution, groundwater protection, water conservation, volunteer stream monitoring, invasive species control, green infrastructure, etc.</p>	<p>Conduct educational workshops/presentations; Provide displays/booths for special events or public places; Support volunteer water quality monitoring teams (Ave. 25 teams) Offer storm sewer markers/program; Issue 4 press releases; Promote rain barrels and rain gardens; Utilize water displays at Retzer Nature Center for public viewing; Offer targeted programs for scouts and other public groups (Goal: 100 participants).</p>	<p><i># Workshops conducted / # attendees</i> <i># Volunteer monitors</i> <i># Presentations / # attendees</i> <i># Public displays</i> <i># Press releases</i> <i># people at rain garden/rain barrel workshop</i> <i># Public attendance at Retzer</i> <i># scouts/other reached</i></p>

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<p align="center">Educate the Public on Conservation Issues (cont.) (Goal 4, Objectives C)</p> <p><u>Target Audience:</u> Farmers and rural landowners</p> <p><u>Primary Topics:</u> Agricultural nonpoint performance standards, buffers, wetland restoration, farmland preservation, conservation programs, cost-sharing, etc.</p>	<p>One-on-one landowner visits during annual FPP spot checks or other opportunities (see Goal 3 above); Offer mobile soil health testing unit to use during farm visits; Assist a local farmer led organization within the County, including developing a work plan and possibly applying for a DATCP grant; Create a conservation BMP program using outside funding sources.</p>	<p><i># Soil health tests conducted</i></p> <p><i># Landowners/farmers participants</i></p> <p><i>Completion of farmer-led work plan</i></p> <p><i>\$ Grant funds allocated in 2021</i></p>
<p align="center">(Goal 4, Objectives D)</p> <p><u>Target Audience:</u> Teachers, students, & youth groups</p> <p><u>Primary Topics:</u> Nonpoint pollution, groundwater, water quality monitoring, invasive species control, composting, etc.</p>	<p>Deliver classroom presentations; Provide water quality monitoring training to classes; Targeted E-news for all of these; (Ave. 25 schools and 1,800 youth/yr.)</p>	<p><i># Classroom presentations</i></p> <p><i># students</i></p> <p><i>Evaluation ratings by attendees for the above</i></p> <p><i># E-news distributed</i></p> <p><i># students in field experiences</i></p> <p><i># field experiences</i></p>
<p>Reclaim Nonmetallic Mining Sites (Goal 7, Objectives A & B)</p> <p>Implement NR 135 WI Administrative Code rules through enforcement of the Waukesha County Nonmetallic Mining Reclamation Ordinance.</p> <p>Oversee County-owned gravel pit</p>	<p>For 17 mining sites in 6 different communities in Waukesha County: Review plans; Issue permits; Inspect sites; and Enforce ordinance provisions.</p> <p>Continue to oversee the mining operations and reclamation efforts at the County-owned gravel pit. Maintain groundwater monitoring and annual reporting to the Town of Genesee. Ensure reclamation activities are completed, using composted municipal yard waste as topsoil substitute.</p>	<p><i># Site inspections completed</i></p> <p><i># Acres reclaimed</i></p> <p><i># Groundwater monitoring events completed</i></p>

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Table 5 – 2021 Budgeted Staff Hours and Program Costs

Budget Item	Staff Hours	Program Costs
<i>Personnel: 6.5 Full Time Equivalent (x 2080 hrs.)</i>	13,520 hours	\$554,112
<i>Program support costs (not including \$50K enforcement reserve)</i>	N/A	\$159,617
<i>Landowner cost-sharing (SWRM)</i>	N/A	\$ 50,000
	Total Budget:	\$763,729

* This work plan was submitted to the Wisconsin Department of Agriculture, Trade & Consumer Protection as a component of a Soil & Water Resource Management grant application pursuant to Chapter 50 Wisconsin Administrative Code. The goals and objectives listed above are consistent with, and build off, the adopted [Waukesha County Land & Water Resource Management \(LWRM\) Plan: 2012 Update](#).



State of Wisconsin
Governor Tony Evers

Department of Agriculture, Trade and Consumer Protection
Secretary Randy Romanski

CORRESPONDENCE/MEMORANDUM _____ STATE OF WISCONSIN

DATE: November 24, 2021

TO: Land and Water Conservation Board Members and Advisors

FROM: Lisa Trumble
Bureau of Land and Water Resources, DATCP

SUBJECT: Proposed Board LWRM Plan Review Questionnaire and LWCB Policy Document Revision

Recommendation: This is an action item. Department staff request that the Land and Water Conservation Board (LWCB) recommend approval of the revised Board LWRM Plan Review Questionnaire and the LWCB Policy Document. Department staff recommend implementing the revised questionnaire for counties beginning with the February 1, 2022 board meeting and thereafter.

Summary: As discussed at the August 3, 2021 LWCB meeting DATCP staff recommended removing the requirement of presenting a PowerPoint/handout to the board as a part of the five-year review process. Time savings and increased LWCB meeting efficiency are the primary achievable benefits from the removal of the presentation requirement for five-year LWRM plan reviews. The *Five-Year Review* Questionnaire and the *LWCB Policy Document* have been revised to remove the PowerPoint/handout requirement provide counties with the option to prepare a brief presentation if they so choose.

Documents Included:

- *Policy Regarding Work Plans, Rescheduling of Plan Presentations, and Five-Year Plan Reviews*
- *LWCB County Land and Water Resource Management Plan Five-Year Review of LWRM Plans*

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Land and Water Resource Management Reference Document Regarding Work Plans, Rescheduling Of Plan Presentations, And Five Year Plan Reviews

Revised October 27, 2021

Introduction

This reference document covers requirements related to Land and Water Resource Management (LWRM) plan revisions, management of expiring LWRM plans, and Land and Water Conservation Board (LWCB) five-year reviews of LWRM plans approved for 10 years.

A. LWRM Plan Revisions

I. Standardized presentation to LWCB

1. In advance of its appearance before the LWCB, a county must provide a written response (not to exceed four pages) answering the following questions:
 - a. 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.
 - b. 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.
 - c. 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 in implementing agricultural performance standards and conservation practices on farms?
 - d. 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.
2. As a significant part of its presentation, a county should prepare for a discussion with LWCB regarding its plan and implementation activities. Before the discussion, a county is expected to make an 8-10 minute presentation regarding its resource concerns and priorities, using a PowerPoint or handout. It is strongly encouraged that the Land Conservation Committee chair or committee member be present to contribute policy and other insights to the discussion.
3. The discussion before the Board will follow the principles described in section C.II.

II. Work plan requirements

1. To secure a board recommendation of approval, a county will be required to submit its most current work plan and the work plan for the prior year. Work plans should be prepared in the most current format available from the Wisconsin Department of Agriculture, Trade and Consumer Protection (DATCP), and address all required items such as needed funding and staff hours. The work plan for the prior year shall include a separate column reporting on implementation of planned activities.

B. Management of Expiring LWRM Plans

- I. Procedure to reschedule a LWCB presentation of LWRM plan revisions
 1. A county may request that its LWCB appearance be delayed for some months, but no later than February of the year after plan expiration.

Note: Rescheduling changes the date of a county's appearance from one board meeting to another, generally within the same year. Rescheduling does not change the expiration date of a county's plan. In certain cases, when a county reschedules its plan presentation, the county's existing plan approval may expire before the county receives a new order approving its revised LWRM plan. Until a new plan approval order is issued, the county is technically not eligible to receive new grant funding from DATCP.
 2. The county will submit a request to reschedule to the LWRM planner (currently Lisa Trumble, lisa.trumble@wisconsin.gov) as soon as it becomes apparent that the LWRM plan will not be completed and reviewed prior to the scheduled meeting.
 3. The county may request this rescheduling without completing and submitting a separate form.
 4. The LWRM planner checks the LWCB calendar, and coordinates the decision with the internal staff and LWCB chair as needed.
 5. The LWRM planner reschedules the appearance and notifies the county, LWCB, and DATCP staff of new date.
- II. No routine extensions for expiring LWRM plans
 1. DATCP and LWCB have discontinued a formal process for requesting extensions related to expiring LWRM plans. Having completed the transition to 10-year plan approvals, a formal extension process serves no purpose since DATCP is precluded by rule from extending plans approved for 10 years.
 2. Exceptions, if requested, will be reviewed on a case-by-case basis, and DATCP will not approve an extension if it determines that the waiver of Wis. Admin. Code ATCP 50 is not appropriate, or the county has the opportunity to reschedule under section B.I.

C. Five-Year Review of LWRM Plans Approved for 10 Years

- I. As part of a five-year review of a county's LWRM plan, the county will:
 1. Provide a written response in advance of its presentation to the LWCB answering the following questions (not to exceed four pages):
 - a. 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.
 - b. 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.
 - c. 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.
 - d. 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.
 2. Provide its most current work plan and the work plan for the prior year. Work plans should be prepared in the most current format available from DATCP, and address all required items such as needed

funding and staff hours. The work plan for the prior year shall include a separate column reporting on implementation of planned activities.

3. Be prepared to **discuss materials submitted and responses to the standard questions from the LWCB.** Counties have the option to prepare a brief presentation to illustrate their successes and future priorities.
- II. As part of a five-year review of a county's LWRM plan, LWCB will:
1. Reassure counties that its goal in conducting a review is not to fail counties.
 2. Recognize the dynamic nature of planning process, and consider how counties tackle priorities over time and respond to changing conditions in pursuing their priorities.
 3. Evaluate county planning and implementation based on how well counties balance and prioritize the following: agricultural performance standards, other state priorities (impaired waters, Farmland Preservation Program checks), and local priorities.
 4. Provide constructive support to counties to improve the quality of their planning.



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

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 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.

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.

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.

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.

Annual Work Plans

Attach both of the following:

- a. The most current annual work prepared by the county.

- b. The work plan for the previous year that includes a column that identifies the progress in implementing the planned activities for that year.

Board Review Process

The goal of the review is not to fail counties. The board recognizes the dynamic nature of the planning process. Board members are interested in how counties tackle priorities over time and how they respond to changing conditions in pursuing their priorities. The board will evaluate a county’s planning and implementation based on how well the county balances and prioritizes the following: agricultural performance standards, other state priorities (impaired waters, FPP checks), and local priorities. When needed, the Board will provide constructive support to counties to improve the quality of their planning. Counties have the option to prepare a brief presentation to illustrate their successes and future priorities.

Land Conservation Committee Notification

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

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

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

CORRESPONDENCE/MEMORANDUM

STATE OF WISCONSIN

DATE: November 24, 2021

TO: Land and Water Conservation Board Members and Advisors

FROM: Zach Zopp, DATCP
Land and Water Resource Bureau

SUBJECT: Approval of Proposed 2022 LWCB Annual Agenda

Recommended Action: This is an action item. The LWCB may choose to approve the proposed 2022 annual agenda or choose to amend it before approval.

Summary: DATCP and DNR staff have prepared a proposed annual agenda for LWCB meetings in 2022. Subject to LWCB approval, the meeting dates for 2022 are as follows:

February 1, 2022 in Madison

April 5, 2022, in Madison

June 7, 2022 in Madison

August 2, 2022, in Madison

October 4, 2022, in Madison

December 6, 2022, in Madison

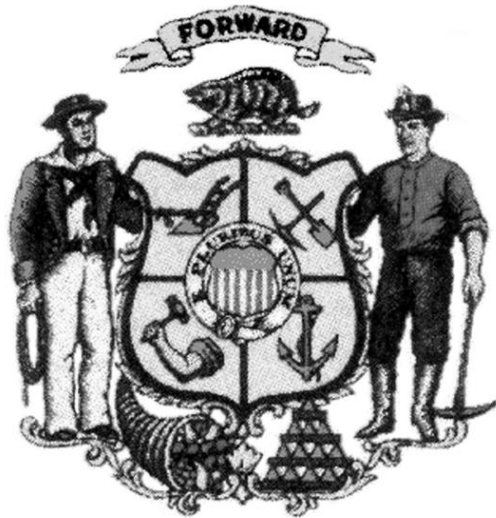
Meetings will be held virtually via internet connection & telephone conference call until the transition to hybrid in-person & virtual meetings is implemented by DATCP.

If you have any questions about the annual agenda, please contact Zach Zopp, zach.zopp@wisconsin.gov, (608) 224-4650.

Materials Provided: LWCB 2022 Proposed Annual Agenda.

Presenters: Zach Zopp, DATCP

Land and Water Conservation Board



2022 ANNUAL AGENDA

TABLE OF CONTENTS

Page

2022 ANNUAL AGENDA

February 1, 2022 in Madison	2
April 5, 2022 in Madison	2
June 7, 2022 in Madison.....	3
August 2, 2022 in Madison.....	3
October 4, 2022 in Madison.....	4
December 6, 2022 in Madison.....	4

February 1, 2022 LWCB MEETING

DATCP AND DNR PROGRAMS

- ◆ Recommendations related to Land and Water Resource Management Plans: Approvals (Florence and Buffalo Counties) and Five Year Review (Washburn County)
Responsible Party: Lisa Trumble
- ◆ Report and Potential Recommendation on the 2022 CREP Spending Authority
Responsible Party: Brian Loeffelholz
- ◆ Gathering input from stakeholders and public on nonpoint funding
Responsible Party: LWCB Chair

LWCB ADMINISTRATIVE MATTERS

- ◆ Election of 2022 Officers
Responsible Party: LWCB Chair

APRIL 5, 2022 LWCB MEETING

DATCP AND DNR PROGRAMS

- ◆ Recommendations related to Land and Water Resource Management Plans: Approval (Jackson County) and Five Year Review (Menominee County)
Responsible Party: Lisa Trumble
- ◆ Extension of DATCP Projects from 2021 into 2022
Responsible Party: Jenni Heaton-Amrhein
- ◆ Report on Transfers and Reallocations of 2021 Cost-Share Dollars (written report only)
Responsible Party: Jenni Heaton-Amrhein and DNR Representative

JUNE 7, 2022 LWCB MEETING

DATCP AND DNR PROGRAMS

- ◆ Recommendations related to Land and Water Resource Management Plans: Five Year Reviews (Lincoln and Forest Counties)
Responsible Party: Lisa Trumble
- ◆ The 2021 Annual Soil and Water Conservation Report (written report only)
Responsible Party: Coreen Fallat

AUGUST 2, 2022 LWCB MEETING

DATCP AND DNR PROGRAMS

- ◆ Recommendations related to Land and Water Resource Management Plans: Five Year Review (Sauk Counties)
Responsible Party: Lisa Trumble
- ◆ Presentation of 2023 Joint Preliminary Allocation Plan
Responsible Party: Jenni Heaton-Amrhein and Joanna Griffin
- ◆ DNR Presentation of the Scores and Rankings of Targeted Runoff Management (TRM) Projects for CY 2023
Responsible Party: Joanna Griffin
- ◆ DNR Presentation of the Scores and Rankings of Urban Nonpoint Source and Storm Water Management Projects for CY 2023
Responsible Party: Joanna Griffin
- ◆ Presentation on the 2021 Annual Soil and Water Conservation Report
Responsible Party: Coreen Fallat

OCTOBER 4, 2022 LWCB MEETING

DATCP AND DNR PROGRAMS

- ◆ Recommendations related to Land and Water Resource Management Plans: Approvals (Dodge and Racine Counties) and Five Year Review (Fond du Lac County)
Responsible Party: Lisa Trumble
- ◆ Recommendation for approval of the 2023 Joint Final Allocation Plan
 - ❖ Response to comments regarding the 2023 Joint Preliminary Allocation Plan*Responsible Party: Jenni Heaton-Amrhein and Joanna Griffin*
- ◆ DNR Presentation of the Final Scores and Rankings of Targeted Runoff Management (TRM) and Urban Nonpoint Source and Storm Water Management Projects for CY 2023
Responsible Party: Joanna Griffin

DECEMBER 6, 2022 LWCB MEETING

DATCP AND DNR PROGRAMS

- ◆ Recommendations related to Land and Water Resource Management Plans: Approvals (Eau Claire and Richland Counties) and Five Year Review (Outagamie County)
Responsible Party: Lisa Trumble
- ◆ Report and Potential Recommendation on the 2023 CREP Spending Authority
Responsible Party: Brian Loeffelholz

LWCB ADMINISTRATIVE MATTERS

- ◆ Approval of Proposed 2023 LWCB Annual Agenda
Responsible Party: LWCB Chair
- ◆ Review of the LWCB Bylaws
Responsible Party: LWCB Chair

CORRESPONDENCE/MEMORANDUM

DATE: December 7, 2021

TO: LWCB members and advisors

FROM: Ian Krauss

SUBJECT: FSA Program Updates for December LWCB Meeting

- Gene Schriefer started as the Wisconsin State Executive Director
- Conservation Reserve Program
 - FY21 CRP Signup Summary:
 - 1,391 Contracts totaling 21,231 acres were enrolled in FY21
 - 10,526 acres were new
 - 6,740 acres enrolled in the Highly Erodible Land Initiative (HELI)
 - 5,108 acres enrolled in SAFE practices
 - 1,515 acres enrolled into CREP, with 673 of those acres being re-enrollments.
 - Continuous and CREP Signup 57 is underway; counties can approve contracts comprised entirely of new acres.
 - There has been no news of the next General Signup
- Organic and Transitional Education and Certification Program
 - FSA is offering additional assistance to organic and transitional producers to help offset the costs of organic certification. The Organic and Transitional Education and Certification Program (OTECP). The application period for program years 2020 and 2021 is November 8, 2021, through January 7, 2022. The application period for program year 2022 will be announced at a later date..
- ARC/PLC
 - 2022 ARC/PLC Enrollment is open in County offices. The Deadline for producers to enroll is March 15. Paul Mitchell with UW-Extension has again put out recommendations for 2022 elections.

NRCS Wisconsin Quarterly Update



Environmental Quality Incentives Program

EQIP is the primary program available to farmers for farm and woodland conservation work, offering payments for over 90 basic conservation practices. Applications are accepted on a continuous, year-round basis. Applications for FY22 funding were due November 19, 2021 and are currently being evaluated. Contact Melissa Bartz, melissa.bartz@usda.gov, for more information.

Conservation Stewardship Program

CSP provides assistance to landowners who practice good stewardship on their land and are willing to take additional steps over the next five years to further enhance their stewardship efforts. Applications are accepted on a continuous year-round basis. The FY2022 Classic Application deadline has yet to be announced. Contact Melissa Bartz, melissa.bartz@usda.gov, for more information.

Regional Conservation Partnership Program

The Regional Conservation Partnership Program promotes coordination between NRCS and its partners to deliver conservation assistance to producers and landowners. NRCS provides assistance to producers through partnership agreements and through program contracts or easement agreements. Current active projects for water quality improvement are located within the Oconomowoc River, Baraboo River and Milwaukee River watersheds. RCPP funding is also available in the Driftless Area to improve fish and wildlife habitat, stream and riparian habitat, select counties in Northern Wisconsin to improve Golden-winged and Kirtland's warblers' habitats, and select areas of Southern Wisconsin to improve soil health and protect agriculturally productive farmland. Contact Melissa Bartz, melissa.bartz@usda.gov, for more information.

Agricultural Conservation Easement Program

The Agricultural Conservation Easement Program (ACEP) focuses on restoring and protecting wetlands, conserving productive agricultural lands and conserving grasslands. Landowners are compensated for enrolling their land in easements. Applications for the ACEP are taken on a continuous basis, and they are ranked and considered for funding one time a year. The deadline for the Agricultural Land Easements (ALE) for fiscal year 2022 was December 1, 2021, and the deadline for Wetland Reserve Easements (WRE) for fiscal year 2022 was October 31, 2021. Applications are currently being evaluated. Contact Greg Kidd, greg.kidd@usda.gov, for more information.

Covid19

USDA Service Centers are encouraging visitors to take proactive protective measures to help prevent the spread of coronavirus. Service Centers in Wisconsin will continue to be open for business

NRCS Programs Financial Update			
Program		FY21	FY22
Environmental Quality Incentives Program (EQIP)	Financial Assistance Allocation	\$ 30.5 M ^a	\$30.9 M ^b
	Contracts	1,070 ^a	0 ^c
Conservation Stewardship Program (CSP)	Financial Assistance Allocation	\$18.1 M	\$15.8 M
	New Contracts	228	0 ^c
	Renewal Contracts	250	8 ^c (215 pre-approved apps)
	New Acres	251,702	0 ^c
Agricultural Conservation Easement Program—Agricultural Land Easements (ACEP—ALE) <small>*Includes RCPP ALE in brackets</small>	Financial Assistance Allocation	\$507,000	\$404,088
	Parcels	4	
	Acres	334	
Agricultural Conservation Easement Program—Wetland Reserve Easements (ACEP—WRE)	Financial Assistance Allocation	\$2.8 M	\$3.0 M
	Easements	5	
	Acres	544	
Emergency Watershed Protection Program—Floodplain Easements (EWPP-FPE)	Financial Assistance Reserve	\$3.4 M	
	Proposed Easements	8	
	Proposed Acres	556	
Regional Conservation Partnership Program (RCPP)	Financial Assistance Allocation	\$1.3 M	
	Contracts	88	0 ^c
	Acres	2,100	0 ^c
^a Includes initiatives and special funding. ^b Initiatives and special funding allocations have not been determined yet. ^c Funding decisions not yet complete for the fiscal year.			

by phone appointment and field work will continue with appropriate social distancing. Some offices are allowing in-person, scheduled visits. While our program delivery staff will continue to come into the office, they will be working with our producers by phone and using online tools whenever possible. All Service Center visitors wishing to conduct business with the FSA, NRCS, or any other Service Center agency are required to call their Service Center to schedule a phone appointment. In the event a Service Center is closed, producers can receive assistance from the closest alternate Service Center by phone. For the most recent office opening information visit www.farmers.gov/coronavirus. Online services are available to customers with an eAuth account, which provides access to the farmers.gov portal where producers can view USDA farm loan information and payments and view and track certain USDA program applications and payments. Online NRCS services are available to customers through the Conservation Client Gateway.

USDA Awards Conservation Innovation Projects to Support Climate-Smart Agriculture and Soil Health

The USDA awarded \$25 million to conservation partners across the country for 18 new projects under the Conservation Innovation Grants (CIG) On-Farm Conservation Innovation Trials program, including a project in Wisconsin. On-Farm Trials projects support widespread adoption and evaluation of innovative conservation approaches in partnership with agricultural producers. This year's awarded projects increase the adoption of new approaches and technologies to help agricultural producers mitigate the effects of climate change, increase the resilience of their operations and boost soil health. Awarded Project in Wisconsin: Trialing Dietary Interventions to Mitigate Enteric Methane Emissions in Dairy Cattle.

The Nature Conservancy, \$537,440

Lead State: MI States Involved: MI, WI

The Nature Conservancy will evaluate different dairy feed management strategies, including emerging feed additives. The goal of the project is to better inform greenhouse gas mitigation strategies for cattle, NRCS programs, and the development of protocols for measuring enteric emissions. This three-year project will combine on-farm trials and demonstrations, interviews and surveys of key stakeholders, and targeted communication activities to catalyze broader adoption of NRCS Feed Management Practice Standard 592.

Collaborative Tribal Publication

The NRCS in partnership with the WTCAC announced a new collaborative publication, Wisconsin Tribal Conservation: Stewardship for the Future, is available online, highlighting successful conservation efforts with the 11 federally recognized Tribes of Wisconsin. Six other USDA agencies and the Wisconsin Department of Agriculture, Trade and Consumer Protection (DATCP) are also partnering

to highlight the protection and restoration of natural resources on Wisconsin Tribal lands. Visit www.nrcs.usda.gov/wps/portal/nrcs/main/wi/newsroom/factsheets/ to download the publication.

Gov Delivery

Get the news first! Individuals can enroll in GovDelivery to receive up-to-date notifications by e-mail when new information becomes available about any state or national NRCS topic you choose. If you sign-up for these automatic updates, you will only receive notifications you specify and you may unsubscribe at any time. Sign up for Wisconsin updates by visiting: <https://public.govdelivery.com/accounts/USDAOC/subscriber/new>

Funding Opportunities through Infrastructure Investment and Jobs Act

The Infrastructure Investment and Jobs Act is providing funding for watershed programs available through USDA's Natural Resources Conservation Service (NRCS), which help communities recover from the impacts of natural resources. Funding will be available for both new and existing projects. Contact Steve Becker, steve.becker@usda.gov, for more information. Programs include:

- Watershed and Flood Prevention Operations Program:** Helps units of federal, state, local and tribal of government (project sponsors) protect and restore watersheds up to 250,000 acres. The Watershed Protection and Flood Prevention Program helps units of federal, state, local and tribal of government (project sponsors) protect and restore watersheds up to 250,000 acres. Cooperation is between the Federal government and the states and their political subdivisions to work together to prevent erosion; floodwater and sediment damage; to further the conservation development, use and disposal of water; and to further the conservation and proper use of land in authorized watersheds.
- Watershed Rehabilitation Program:** Helps project sponsors rehabilitate aging dams that are reaching the end of their design lives. This rehabilitation addresses critical public health and safety concerns. Since 1948, the Natural Resources Conservation Service NRCS has assisted local sponsors in constructing 11,845 dam project dams.
- Emergency Watershed Protection Program:** The Emergency Watershed Protection (EWP) Program, a federal emergency recovery program, helps local communities recover after a natural disaster strikes. The program offers technical and financial assistance to help local communities relieve imminent threats to life and property caused by floods, fires, windstorms and other natural disasters that impair a watershed.

**Wisconsin
Natural
Resources
Conservation
Service**





DATCP REPORT
Bureau of Land and Water Resources
December 2021

Soil and Water Resources Management Grants

- SWRM Hint of the Month: No need to wait – send in reimbursement requests as they are ready!
- Final reimbursement requests for 2021 grant awards are due February 15, 2022.
- Extension requests for 2021 SWRM cost-share contracts are due to DATCP by December 31, 2021.

ATCP 50: Soil and Water Resource Management Program

- We are making plans to reach out to stakeholders over the next year to talk about issues related to the rule. Please visit our [website](#) for more information and to sign up to receive future email updates.

Land and Water Conservation Board-LWRM Plans

- The December 7, 2021 meeting of the Land and Water Conservation Board (LWCB) will be conducted over Microsoft Teams. Milwaukee, Waukesha, and Waushara Counties will be presenting their LWRM plan revisions for approval. To join the meeting remotely [click this link](#) or follow the instructions in the December meeting agenda which is available at lwcb.wi.gov.
- For updates on LWCB meetings and meeting links please subscribe to LWCB [govdelivery notices](#). Please contact zach.zopp@wisconsin.gov for questions regarding joining via Microsoft Teams.
- Counties that are working through the LWRM plan revision process during COVID-19 restrictions may have questions and concerns about the requirements that need to be met for plan approval. Contact Lisa.Trumble@wisconsin.gov to discuss possible options to completing your plan revisions.

Annual Reporting

- We will be sending out a link to the annual reporting questions in December. As usual, county responses to the questions will be due by March 15, 2022. Please consider sharing information about the work you completed in 2021. The report is best when we can share information (and photos!) about diverse types of conservation projects from across the state!

Farmland Preservation Program and Agricultural Enterprise Areas

- The 2022 AEA petition cycle is open and accepting new and AEA modification petitions until July 29, 2022. For information about the petition process, please visit [Petitioning for Agricultural Enterprise Area Designation](#).
- Any counties that are still working on FP Agreement applications and hoping to have them processed before the end of this calendar year are encouraged to submit as soon as possible!
- On Nov. 17th, DATCP and DOR co-hosted a Farmland Preservation Tax Credit Update for Tax Professionals. You can access a recording of the presentation [here](#).
- Counties with FP Participants that claim on schedule FC-A should submit a first copy of their DOR spreadsheet to DATCPWorkingLands@wisconsin.gov or Katy.Smith@wisconsin.gov by December 27th, 2021. Counties may submit updates as needed over the course of tax season.

Conservation Reserve Enhancement Program (CREP)

- Thank you for your patience as DATCP worked on the letters following up on this summer's easement monitoring visits. The letters for easements in compliance have been sent. We are now working on letters to landowners with easement violations or that require additional follow-up.

Agricultural Impact Statement (AIS) Program

- The Public Service Commission of Wisconsin (PSC), in coordination with the AIS Program and the DNR, has hired an Independent Environmental/Agricultural Monitor (IEM) to monitor construction of the Cardinal Hickory Creek Electric Transmission Line Project in Dane, Iowa and Grant Counties. Construction began November 2021, and the IEM is actively monitoring the project.
- The PSC has scheduled Public Hearings for the following projects the AIS Program has participated in:
 - Northern State Power Company's proposed Ashland-Ironwood Transmission Line Relocation Project in Ashland and Iron Counties on December 13, 2021 at 2pm and 6pm.
 - Visit the [PSC Event Calendar](#) for instructions to join the Hearing for Docket 4220-CE-183.
 - American Transmission Company's Howards Grove to Erdman Transmission Line Project in Sheboygan County on January 4, 2022 at 2pm and 6pm.
 - Visit the [PSC Event Calendar](#) for instructions to join the Hearing for Docket 137-CE-195.
- Contact zach.zopp@wisconsin.gov for questions regarding any active AIS statement or the AIS program.

Producer-led Watershed Protection Grants

- We are finalizing awards for 2022 currently. Once awards are determined, we will require all groups to respond to the Award Letter with appropriate names / titles of individuals who will be signing contracts on behalf of the groups, including fiscal representatives where appropriate. For those groups who do not receive the total requested, we will also need updated budgets to include in the contracts.

USDA-CERTIFIED

HEMP
SAMPLERS
NEEDED

January 2022



Beginning Jan. 1, 2022, Wisconsin hemp growers must have their hemp sampled by U.S. Department of Agriculture (USDA) certified hemp sampling agents.

This is a fee-for-service opportunity that the Wisconsin Department of Agriculture, Trade and Consumer Protection (DATCP) previously performed. Beginning in 2022, the USDA will operate Wisconsin's hemp program, and DATCP will no longer provide hemp sampling and testing services. The hemp sampling service will be provided by the private sector, and this is an opportunity to expand services offered to agricultural producers or to become an independent USDA-certified hemp sampling agent.

After receiving online training and certification from the USDA, the service tasks to be provided include: collection of a representative hemp sample for each lot of hemp requested by a grower, and shipping/delivering the sample to the grower-identified laboratory for testing. Sampling agents will determine the fee(s) for the service they provide to hemp growers.

👉 [Learn about becoming a sampling agent.](#)

👉 [Enroll in training at the USDA blackboard training site.](#)

👉 [See a list of USDA-certified sampling agents.](#)



Visit the USDA Sampling Agent Information webpage.

DATE: December 7, 2021

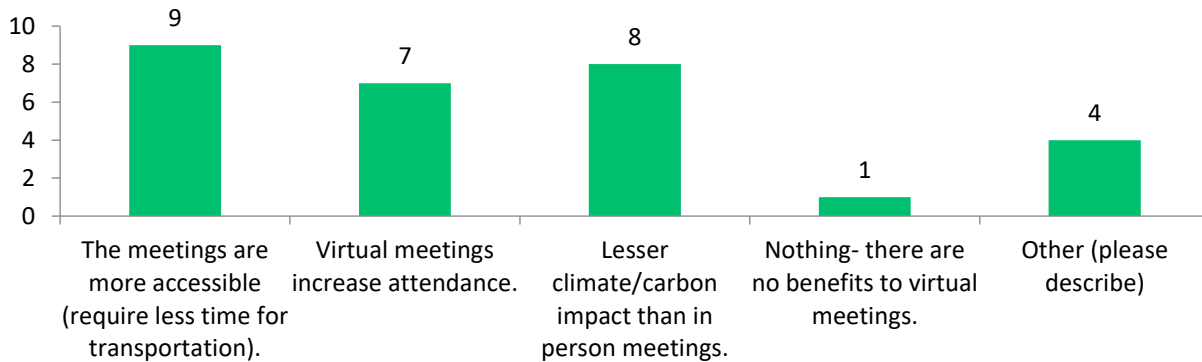
TO: Land and Water Conservation Board Members and Advisors

FROM: Bureau of Land and Water Resources, DATCP

SUBJECT: *Results from July, 2021 Virtual Meeting Survey*

This document shows the results from the LWCB virtual meetings survey conducted in July, 2021. There were 10 participants – seven members and three advisors.

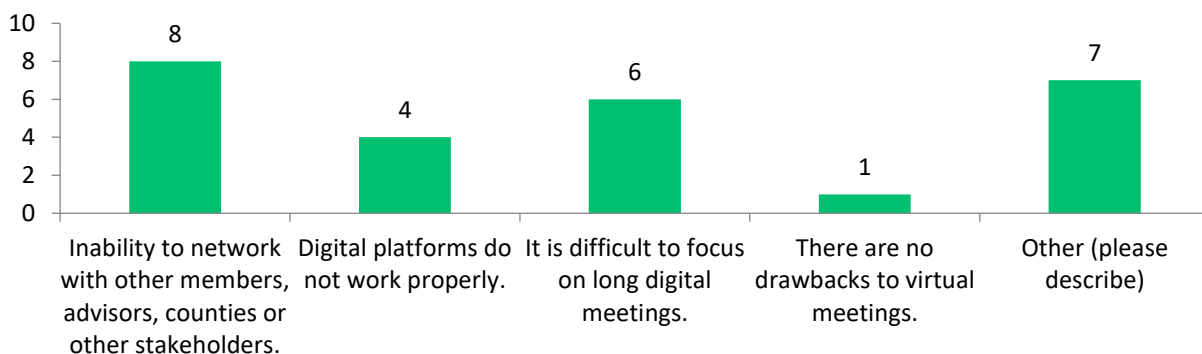
70% of survey participants believe the meetings should be hybrid, with the option to attend in person or virtually. Below are the benefits participants highlighted:



Other benefits include:

- Assists with scheduling other meetings around the LWCB meetings. Provides an option in case of weather or other constraints that might make it more challenging for people to travel to attend the meeting in person.
- More efficient, they take less time from start to finish.
- Less costly
- More opportunity for timely collaboration and conversation via chat, that doesn't detract from the meeting

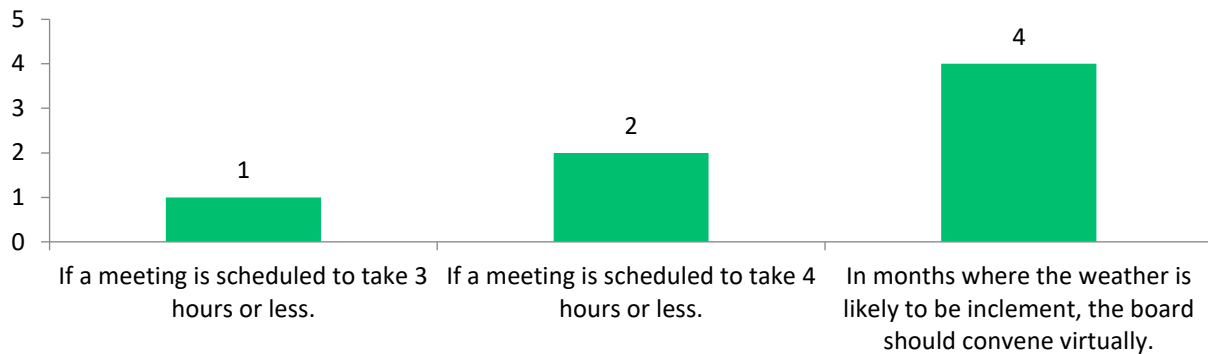
Drawback to virtual meetings include:



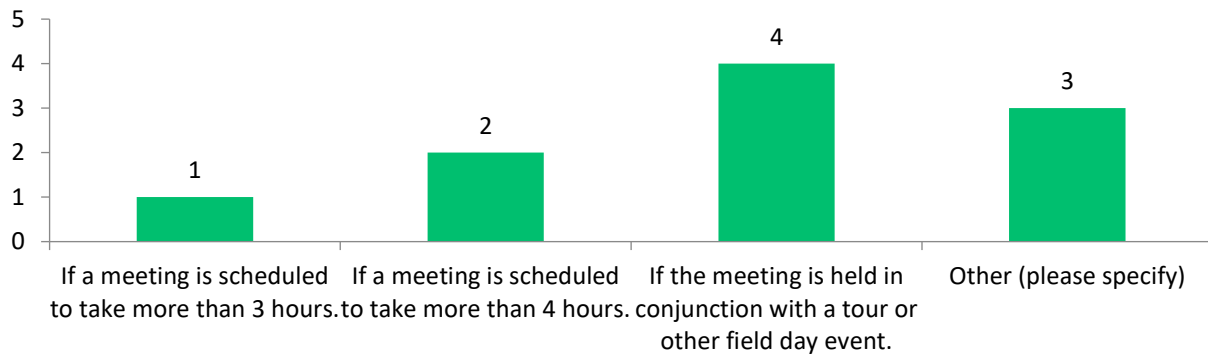
Other drawbacks include:

- People miss Non-verbal cues and it can be difficult to tell whether there's consensus
- Difficult to interact; limited opportunities for informal conversations
- Distractions if presenters are not familiar with software or if there is a technical issue
- Long virtual meetings can be draining and hard to stay engaged with

When asked about meeting virtually, a majority of participants believe the board should convene virtually in months where the weather is likely to be inclement. Three people skipped this question.



When asked about meeting in person or with a hybrid approach, participants have a variety of reasons for wanted to meet in person or using a hybrid model.



Comments include:

- If the meeting will be more than 4 hours, would recommend hybrid approach; in-person if held in conjunction with tour, etc.
- All meetings should have a hybrid approach. I think virtual attendance by a member is better and no attendance.
- In person are much more effective

CORRESPONDENCE/MEMORANDUM _____ STATE OF WISCONSIN

DATE: December 7, 2021

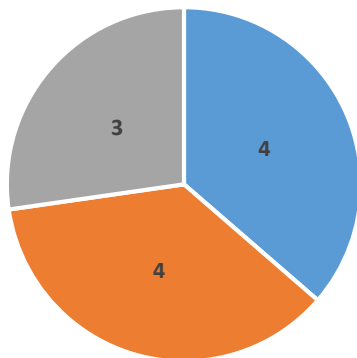
TO: Land and Water Conservation Board Members and Advisors

FROM: Bureau of Land and Water Resources, DATCP

SUBJECT: *Results from October, 2021 Virtual Meeting Survey*

Results from the LWCB December meeting attendance survey conducted from Oct 21-29, 2021. There were 15 participants.

Would members prefer to meet in person, virtually, or unsure?



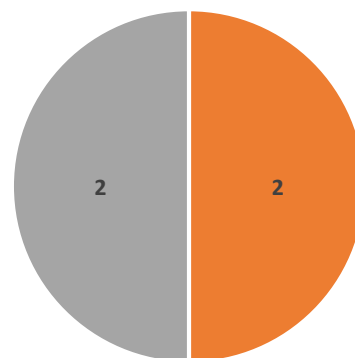
■ In-person ■ Virtual ■ Unsure

One person mentioned they would only attend in person if a majority did.

One person mentioned no preference to meeting in person or virtually

One person mentioned they would make a last minute call based on schedule

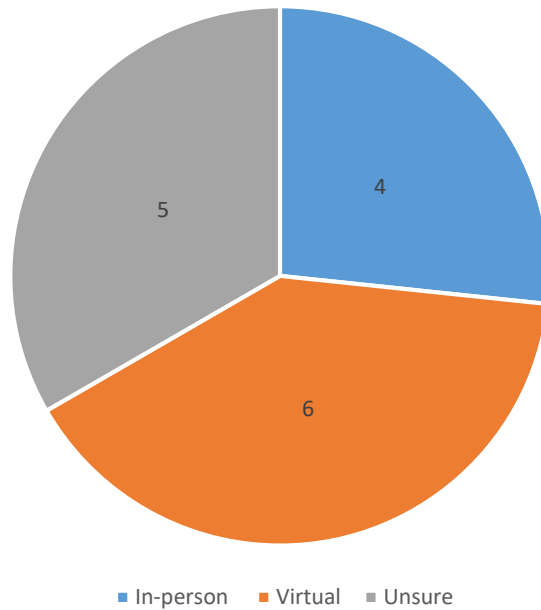
Would advisors prefer to meet in person, virtually, or unsure?



■ In-person ■ Virtual ■ Unsure

One person would only travel to Madison if they had another meeting to attend

Total results for meeting in-person, virutally, and unsure



Based on the results of this survey, we will continue with virtual meetings, and re-assess quarterly.

DATE: December 7, 2021

TO: LWCB members and advisors

FROM: Brian Weigel, DNR

SUBJECT: DNR Update, October 2021 - November 2021, for December LWCB meeting

Storm Water Program Update

For federal fiscal year 2021 (October – September), storm water staff conducted 736 construction, industrial, and municipal inspections, and 14 municipal program audits. Staff received 2374 construction and 294 industrial permit applications and closed 2328 permits for completed construction projects and closed 170 permits for industrial operations.

NPS Program Update

In October the department, with contributions from DATCP, submitted Wisconsin's Section 319 FFY 2021 annual report to EPA. The report provides annual progress updates on the [2021-2025 Nonpoint Source Program Management Plan](#) and on specific projects funded with Section 319 grants. Some example accomplishments highlighted in the report include: (1) Continuation of bedrock mapping to advance implementation of the Silurian targeted performance standard; (2) Updates from 36 active 319 subgrants (Targeted Runoff Management, Notice of Discharge, and Surface Water Grants); and (3) Partnerships with counties and UW-Madison Division of Extension to deliver information and education. Please contact Karl Gesch at karl.gesch@wisconsin.gov with questions.

BMP Implementation Tracking System (BITS): Notice of Discharge Final Reports Now Required In BITS

The Notice of Discharge (NOD) module in the BMP Implementation Tracking System (BITS) was released this fall. The module replaces the PDF version of the NOD final report form. As of Nov. 1, NOD grantees are required to use BITS to submit final reports.

BITS allows counties to collect and organize information for multiple grant types in a single location and to easily incorporate spatial data. Having a single repository for grant-related practices enhances the ability to report and summarize installed practices statewide. Additionally, it helps ensure that the state is working to achieve the goals of their nutrient reduction strategy and will ultimately allow grant information to be available in an online viewer, which will improve transparency. More information on BITS, including documentation and training resources, can be found on the [DNR BITS webpage](#).

CAFO Program Update

In the recent Kinard Farms decision, the Wisconsin Supreme Court upheld a lower court's decision finding that DNR "had the explicit authority" to include permit terms and conditions to "assure compliance" with the permit's discharge limitations to surface and ground waters. A copy of the decision can be found here, <https://www.wicourts.gov/sc/opinion/DisplayDocument.pdf?content=pdf&seqNo=386188>.

Planning is underway for the 2022 CAFO Workshops. We are targeting dates in early February. More information will be coming soon.

Surface Water Grant Program Update

Check out a few projects highlighted for 2021 or explore all of the projects funded this past year by browsing the program's [story map for 2021](#).

Here are few examples of what can be found in the story map:

- The Chetek Lakes Protection Association will be working on 13 properties to install a total of 39 Healthy Lakes best management practices. Some of the properties were tornado victims in 2017 and are using funds to help repair shorelines affected. A video will also be created and shared to inform the local community about the Healthy Lakes effort.
- The Deer Lake Conservancy is sponsoring a project to install several best management practices that will reduce runoff into Deer Lake. The group has a long history of implementation of phosphorus-loading reduction practices, and their work seems to have demonstrated positive effects. Historical secchi depth measurements trended around 8-10 feet, and since implementation began in 2010, secchi depth is now in the 16-22 ft range.
- Lake Redstone will use planning funds to complete a 9-key element watershed plan to address nonpoint source pollution. Education opportunities for watershed property owners will focus on best management practices that will improve habitat and reduce nonpoint source runoff.

Water Quality Trading Clearinghouse

Throughout 2021, an interagency team consisting of members from the Department of Administration (DOA), DNR and DATCP convened to develop a framework for the State's first water quality trading clearinghouse consistent with Wisconsin 2019 Act 151 – "Clean Water Clearinghouse". The clearinghouse effort seeks to expand access to the State's existing water quality trading program, which offers economical compliance solutions for wastewater treatment facilities. Water quality trading offers significant cost savings (often \$1M or more for each community) by reducing nutrient and sediment pollution in the agricultural setting, rather than investing in wastewater treatment infrastructure. DOA released a request for proposals in October due January 13, with an anticipated award during early 2022.

Federal Infrastructure Investment and Jobs Act of 2021

IJA provides \$12 million each year over five years to support implementation of the Gulf Hypoxia Action Plan. The Plan seeks to reduce factors such as nutrient runoff that contribute to seasonally low oxygen content in the Gulf of Mexico, which damages ecosystems and kills wildlife. Funding will be allocated equally to each of the 12 states along the Mississippi River. Thus, Wisconsin will be expected to receive \$1 million each year over the five-year period. DNR and DATCP are working to identify potential projects. The funding would support implementation of Wisconsin's nutrient management strategy and tracking progress made in reducing nutrient losses to rivers, lakes and streams.

PFAS Rule in Public Comment Period

DNR is proposing a rule that establishes new water quality standards for PFOS and PFOA to protect public health. The rule includes procedures for implementing the proposed standards through the WPDES permit program that focus on reducing the sources of PFOS and PFOA coming into the wastewater treatment plant. The rule is currently on public notice through December 15, 2021, with a public hearing scheduled for December 10. The draft rule, Economic Impact Analysis and hearing notice can be found at <https://dnr.wisconsin.gov/news/input/ProposedPermanent.html> under Water Quality.