



State of Wisconsin
Land and Water Conservation Board

PO Box 8911
 Madison, WI 53708-8911
 608-224-4622

**Land and Water Conservation Board
 Meeting**

February 3, 2015
9:00 a.m.-1:00p.m.

Boardroom 106
 Wisconsin Department of Agriculture, Trade and Consumer Protection
 2811 Agriculture Drive
 Madison, WI

Agenda

*THE LWCB MAY TAKE ACTION ON ANY OF THE ITEMS LISTED ON THE AGENDA AT
 THE SCHEDULED MEETING*

9:00	a.m.	1	Call to order—Mark Cupp, LWCB a. Pledge of allegiance b. Open meeting notice c. Board Introductions d. Appointment of Secretary e. Oath of office for new members f. Approval of agenda g. Approval of December 2, 2014 meeting minutes h. Recognition of Chuck Wagner i. Members appointment status
9:30	a.m.	2	Public appearances* <i>*Please complete a Public Appearance Request Card and submit it to a DATCP representative before the start of the meeting</i>
9:40	a.m.	3	Election of Officers— Mark Cupp
10:00	a.m.	4	Waiver of ATCP 50 to postpone the deadline for submission of the first staffing grant request — Richard Castelnovo, DATCP
10:10	a.m.	5	Report on DNR funding sources/ grants related to aquatic invasive species — MaryAnne Lowndes, DNR

Mark Cupp, Chair
 Members: Eric Birschbach • Lynn Harrison • Dale Hood • Robin Leary • George Mika
 Caitlin Frederick • Mary Anne Lowndes • John Petty

DRAFT OF February 3, 2015, LWCB Meeting Agenda

10:20	am	6	Report on LWRM planning and 9 key element plans — Lisa Trumble, DATCP and Andrew Craig, DNR
10:35	a.m.	7	Recommendation for approval of Land and Water Resource Management Plan for Lafayette County — Terry Loeffelholz, Lafayette County Conservation & Zoning Department, & Troy Maggied, Southwestern Wisconsin Regional Planning Commission
11:10	a.m.	8	Recommendation for approval of Land and Water Resource Management Plan for Wood County — Jerry Storke, Wood County Land Conservation Department
11:45	a.m.	9	Discussion concerning member contributions to the Board— LWCB Members
12:10	p.m.	10	Agency reports a. FSA b. NRCS c. UW-CALS d. UW-Extension e. WLWCA f. DATCP* g. DNR* *Joint DATCP/DNR grant application for Calendar Year 2016
12:35	p.m.	11	Invasive Species Presentation on <i>Amyntas</i> spp. (“Crazy worms”) — Bernie Williams, Conservation Biologist, WI DNR
12:55	p.m.	12	Planning for April 2015 Meeting—Mark Cupp, LWCB
1:00	p.m.	13	Adjourn

DRAFT MINUTES
LAND AND WATER CONSERVATION BOARD MEETING

December 2, 2014
Room 90 & DATCP Board Room
Wisconsin Department of Agriculture, Trade and Consumer Protection
2811 Agriculture Drive, Madison, Wisconsin

Item #1 Call to Order—pledge of allegiance, open meeting notice, roll call, appointment of a Secretary for the meeting, approval of agenda, approval of October 7, 2014 LWCB meeting minutes.

The meeting was called to order by Chairman Mark Cupp at 9:00 a.m. Cupp, Tom Rudolph, Eric Birschbach, George Mika, Andrew Craig (for DNR), Caitlin Frederick, John Petty and advisors Jim Vanden Brook (WLWCA), Jimmy Bramblett (NRCS) were present at DATCP. Member Robin Leary participated via teleconference. Castelnovo, Trumble and Vosburg were present for DATCP.

Vosburg confirmed that the meeting was publicly noticed, as required.

Cupp appointed Birschbach to serve as Secretary for the meeting.

Rudolph moved to approve the agenda as presented. Frederick seconded. The motion carried. Frederick moved to accept the October 7, 2014 meeting minutes. Petty seconded. The motion carried.

Item #2 Public Appearances

No public appearance cards were submitted.

Item #3 Recommendation for approval of 5-year extension request for Vernon County Land and Water Resource Management Plan

Paul Krahn, County Conservationist, and Ben Wojahn, Assistant County Conservationist, made a presentation in support of the county's 5-year extension of its LWRM plan.

Krahn and Wojahn highlighted the success of federal work-study programs to support conservation interns, department outreach with the local Amish population and students, and restorations of sites impacted by significant storm events. They stated that EQIP priority rankings, adaptive management, nutrient trading and agricultural use value taxation would be significant issues on their horizon. Staff indicated that critical needs in the department include more staff, more reliable funding and a conservation tracking system.

Mika moved to approve the Vernon County 5-year extension request as presented. Rudolph seconded. The motion carried.

Item #4 Recommendation for approval of Land and Water Resource Management Plan for Langlade County

Marie Graupner, County Conservationist, Duane Haakenson, Director of Land Records and Regulations, and Fred Heider, Planner, North Central Wisconsin Regional Planning Commission, made a presentation in support of the county's updated LWRM plan. The county

submitted a 5-year plan, indicating that the plan would be revised in 2020 when the county comprehensive plan will be updated. The next plan will be a ten year plan.

The county highlighted the successful implementation of an invasive species inventory program, annual nutrient management trainings and the development of the Antigo Flats AEA.

The county stressed the following goals:

- 1) Protect and improve surface and groundwater
- 2) Promote working forest and farms
- 3) Control terrestrial and aquatic invasive species
- 4) Protect public health from chemical waste
- 5) Develop an online presence for public education
- 6) Improve silvaculture
- 7) Manage wildlife conflicts

Rudolph moved to approve the Langlade County 5-year plan as presented. Frederick seconded. The motion carried.

Item #6 Recommendation for approval of 5-year extension request for Kewaunee County Land and Water Resource Management Plan

Davina Bonness, County Conservationist, made a presentation in support of the county's 5-year extension of its LWRM plan.

Bonness highlighted the county's goal of implementing NR 151 agricultural nonpoint source pollution control standards and prohibitions, farmland preservation program soil and water conservation standards, and local ordinances to help protect local surface and groundwater quality.

Bonness noted the successful development of nutrient management plans for all farmland preservation program tax credit claimants in Kewaunee County between 2010 and 2014 (100 new plans), 10 manure storage abandonments and 11 well abandonments. Limited soil depth, nutrient management and groundwater quality are significant challenges in the county.

Birschbach moved to approve the Kewaunee County 5-year extension request as presented. Mika seconded. The motion carried.

Item #7 Recommendation for approval of 5-year extension request for Burnett County Land and Water Resource Management Plan

Dave Ferris, County Conservationist, made a presentation in support of the county's 5-year extension of its LWRM plan.

Ferris featured the following goals for the county:

- 1) Protect agricultural lands from development
- 2) Mitigate waterfront development impacts
- 3) Control aquatic invasive species
- 4) Address groundwater quality and quantity issues
- 5) Protect wild lake and river shorelines as well as critical watershed areas

Ferris highlighted county successes including 50 miles of shoreline preservation, some 117,747 square feet of shoreline restoration, and support activities for the Clean Boats, Clean Waters program to combat aquatic invasive species.

Rudolph moved to approve the Burnett County 5-year extension request as presented. Frederick seconded. The motion carried.

The meeting recessed at 12:05 p.m. for a lunch break. The meeting resumed at 12:35 p.m.

Item #9 Recommendation for approval of 5-year extension request for Portage County Land and Water Resource Management Plan

Steve Bradley, County Conservationist, made a presentation in support of the county's 5-year extension of its LWRM plan.

Bradley recorded success with public outreach tied to scholarships for youth education camps and participation in the conservation poster contest. The county has had about 50 participants drop out of the farmland preservation program during the last 5 years. Many claimants have struggled to reconcile the cost of the nutrient management plan with the monetary benefit received from the program. Bradley noted some outstanding need for TRM grant funding in Portage County.

Bradley discussed the following goals for the county:

- 1) Reduce the decline of groundwater quality due to rural and urban factors
- 2) Protect and restore lakes, rivers, shorelands, wetlands, and uplands for wildlife habitat, water quality, and recreational use
- 3) Reduce wind erosion

Mika moved to approve the Burnett County 5-year extension request as presented. Petty seconded. The motion carried.

Item #10 Report from LWCB Officers

The Board recognized Rudolph's service and dedication to the Board and land and water conservation issues in the state of Wisconsin.

Vosburg made a presentation in support of changes to the bylaws reflecting technology updates and the manner in which officers are nominated during the annual election. The Board raised concerns pertaining to the legality of member discussion of officers' candidacy outside of recognized meetings. DATCP agreed to provide guidance on this matter. Petty moved to accept the slate of bylaw changes as submitted. Rudolph seconded. The Board decided to accept nominations for officers from the floor at the February 2015 meeting rather than hold a separate officers nominating committee meeting.

Item #11 Approval of Proposed 2015 LWCB Annual Agenda

Vosburg presented the proposed 2015 annual agenda. Mika moved to approve the proposed annual agenda with the condition that meetings will be held on the dates listed in Madison or at an alternative location to be determined by the Chair. Birschbach seconded. The motion carried.

Item #12 Agency Reports

NRCS- Bramblett indicated that in the future, the allocation of NRCS dollars in Wisconsin will be more closely tied to performance factors. Based on a 2013 internal audit, NRCS has found that they have not received sufficient documentation to justify paying landowners for nutrient management plans. It was also noted that the allocation for EQIP Cost share for manure storage has dropped from \$10 million to \$4.5 million.

Bramblett also announced the retirement of Renae Anderson, NRCS Public Affairs Specialist for the State of Wisconsin.

WLWCA- VandenBrook discussed the new county conservation staff training in November. DNR, DATCP and UW-Extension staff made introductory presentations for new staff. It is expected that there will be a greater emphasis on nutrient management trainings in collaboration with DATCP moving forward. The Pleasant Valley Project in the Pecatonica River Watershed is successfully demonstrating phosphorus reduction.

VandenBrook informed the Board that Pat Sutter, Dane County Conservationist, will be retiring on December 8th.

DATCP- Petty noted that the NRCS announcement on RCCP awards has been pushed back to January 15th. Petty requested that an item be included on the February agenda for discussion of what each Board member contributes to the mission of the Board.

DNR- Craig introduced himself as the Non-point Source Planning Coordinator. Craig indicated that the 2015 TRM grant application will be posted online on January 15th. This application is new and feedback would be greatly appreciated.

Item #13 Planning for February Meeting

Cupp requested that the following items be included on the agenda for the next meeting: crazy worms presentation, alternative funding presentation including AIS funding.

Item #14 Adjourn

Rudolph moved to adjourn, Petty seconded. The meeting was adjourned at 2:26 p.m.

Respectfully Submitted,

Eric Birschbach, Secretary
Recorder: KV

Date



MEMBERS

Mark E. Cupp, Chair
PO Box 187, Muscoda, WI 53573
Appointed by Governor as government representative
involved in river management - term ends 05/01/16

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mark.cupp@wisconsin.gov

Dale Hood
6396 Stumptown Road Platteville, WI 53818
Elected by WLWCA – term ends 12/31/16

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Vacant
Appointed by Governor as charitable
association representative – term ends

Lynn Harrison
600 University Street, Elk Mound, WI 54739
Appointed by Governor as farmer representative
term ends 05/01/2015

715-309-9545
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Eric Birschbach
2276 Dahlk Circle, Verona, WI 53593
Appointed by Governor as public representative
term ends 05/01/14

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Robin Leary
2104 Providence Court, Eau Claire, WI 54703
Appointed by Governor as representative from a
city with a population of 50,000 or more – term ends 12/14/10

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Dave Solin
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George Mika
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Elected by WLWCA- term ends 12/31/16

715/209-8295

Mary Anne Lowndes, Representative for DNR Secretary
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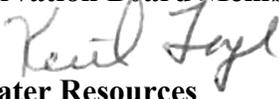
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CORRESPONDENCE/MEMORANDUM _____ **State of Wisconsin**

DATE: January 23, 2014

TO: Land and Water Conservation Board Members and Advisors

FROM: Keith Foye, DATCP 
Bureau of Land and Water Resources

SUBJECT: Waiver Postponing the Deadline for County Submission of its First Staffing Grant Reimbursement Request

Recommended Action: This is an action item. The LWCB may comment or provide advice on the proposed waiver.

Summary: DATCP may waive any provision of ch. ATCP 50, Wis. Am. Code if it finds that the waiver is necessary to achieve the objectives of ch. ATCP 50, Wis. Adm. Code.

Under sec. ATCP 50.32(7)(a), Wis. Adm. Code, counties may submit two reimbursement requests to seek payment based on its annual allocation of grant funds for staff and support (“staffing grant”). A county may file its first reimbursement request on or after July 1 for costs incurred before July 1. A county may file a second reimbursement request for costs incurred on or after July 1.

Following the Lean Six Sigma approach, DATCP assembled a team to conduct a formal evaluation of its processing of county reimbursement request for county staffing grants. The evaluation focused on procedural changes that would encourage counties to submit one request reimbursement, rather than the two allowed by rule. This improvement is estimated to result in time-savings of 2 to 3 days each year for department contract specialists, and two to four hours annually for each of the 72 county grant recipients. To accomplish the desired outcome of one reimbursement submitted per year, the team in its final report recommended postponing the July 1st deadline for the first reimbursement and selecting a new deadline based on additional staff evaluation of a more appropriate date. In making this recommendation, the final report noted that the current deadline of July 1 created problems for processing payments, “Due to database compatibility issues that exist between the SWRM database and Wismart, contract specialists are not able to process payments to the counties during the month of July. Therefore, any request submitted on July 3, for example, cannot be paid until August 1.”

Based on a survey of county programs and a review of county reimbursement histories, SWRM program staff determined that the department could maximize the number of counties submitting only one reimbursement request by postponing the initial deadline until November 1st to allow counties to submit reimbursement requests for costs incurred before November 1st of the grant year.

DATCP will be implementing other recommendations of this Lean Six Sigma report including discontinuation of the practice of sending counties pre-filled reimbursement requests.

Materials Provided: *Order Granting a Waiver, By Postponement, of the Deadline for County Submission of its First Staffing Grant Reimbursement Request*

Presenter: Richard Castelnuovo, DATCP

STATE OF WISCONSIN
DEPARTMENT OF AGRICULTURE, TRADE AND CONSUMER PROTECTION

)	LWCB DOCKET NO.
IN THE MATTER OF A WAIVER OF)	DATCP DOCKET NO.
SOIL AND WATER RESOURCE)	
MANAGEMENT RULES)	ORDER GRANTING A WAIVER, BY
(Section ATCP 50.32(7)(a))	POSTPONEMENT, OF THE DEADLINE
Wisconsin Administrative Code)	FOR COUNTY SUBMISSION OF ITS
)	FIRST STAFFING GRANT
)	REIMBURSEMENT REQUEST

INTRODUCTION

Under s. ATCP 50.02, Wis. Admin. Code, the State of Wisconsin Department of Agriculture, Trade and Consumer Protection (“department”) may waive provisions of ch. ATCP 50, Wis. Adm. Code (Soil and Water Resource Management or “SWRM” Program) if the department finds that the waiver is necessary to achieve the objectives of ch. ATCP 50. The department secretary must issue the waiver in writing.

Pursuant to s. ATCP 50.02, Wis. Admin. Code, the department hereby makes the following findings and conclusions, and issues the following order waiving, by postponement, the deadline in s. ATCP 50.32(7)(a), Wis. Admin. Code, for the July 1st submission of a county’s reimbursement request for staff and support costs incurred before July 1 of the grant year. The department is waiving this requirement and postponing the deadline until November 1 to allow counties to submit their first reimbursement requests for costs incurred through November 1 of the grant year.

FINDINGS OF FACT

(1) The department and the State of Wisconsin Land and Water Conservation Board (“LWCB”) are jointly responsible for administering Wisconsin’s soil and water conservation program under ch. 92, Wis. Stats. The program is designed to preserve the state’s soil and water resources and halt and reverse the depletion of the state’s soil resources and pollution of its surface waters.

(2) Under s. ATCP 50.02, Wis. Adm. Code, the department may waive any provision of ch. ATCP 50, Wis. Adm. Code, if the department finds that the waiver is necessary to achieve the objectives of ch. ATCP 50. The secretary must issue the waiver in writing.

(3) Sec. 92.14(3), Wis. Stats., authorizes the department to award annual grants, through its SWRM program, to county land conservation committees for costs associated with county conservation personnel who carry out specified conservation activities.

(4) Under sec. ATCP 50.32(6)(a), Wis. Adm. Code, the department is required to make grant payments to county grant recipients on a reimbursement basis. Sec. ATCP 50.32(7)(a), Wis. Adm. Code, establishes the following procedures for counties to submit reimbursement requests for staff and support grants (“staffing grant”):

(7)(a) . . . A county may file a reimbursement request on or after July 1 for costs incurred before July 1. A county may file a second reimbursement request for costs incurred on or after July 1. A county may file no more than 2 reimbursement requests, and shall file all reimbursement requests by February 15 of the year following the grant year.

(5) On or about November 6, 2014, consistent with Department policy and following review by the Administrator for the Department’s Division of Agricultural Resource Management, the Department Secretary approved a Lean Six Sigma Report (“Report”) that offered eight recommendations to streamline the reimbursement process related to SWRM staffing grants. As a major recommendation, the report focuses on procedural changes that would encourage counties to submit one request reimbursement, rather than the two allowed by rule. This improvement is estimated to result in time-savings of 2 to 3 days each year for department contract specialists, and two to four hours annually for each of the 72 county grant recipients.

(6) To accomplish the desired outcome of one reimbursement request submitted per year, the Report recommended postponing the July 1st deadline for the first reimbursement and selecting a new deadline based on additional staff evaluation of a more appropriate date. In making this recommendation, the Report noted that the current deadline of July 1 created problems for processing payments, “[D]ue to database compatibility issues that exist between the SWRM database and Wismart, contract specialists are not able to process payments to the counties during the month of July. Therefore, any request submitted on July 3, for example, cannot be paid until August 1.”

(7) Based on a survey of county programs and review of county reimbursement histories, SWRM program staff determined that the department could maximize the number of counties submitting only one reimbursement request by postponing the initial deadline until November 1 to allow counties to submit reimbursement requests for costs incurred before November 1 of the grant year.

(8) Chapter 92, Wis. Stats., does not specify any particular timeframe for processing grant reimbursement requests, and a postponement of the first submission deadline will not violate any statutory provisions.

(9) Granting a postponement of the deadline for the first reimbursement request will advance the purposes of ch. ATCP 50 by: (i) enabling the department to efficiently process reimbursement requests and provide more timely payments to counties; and (ii) reducing the process steps and paperwork required of county grant recipients to receive grant reimbursements.

CONCLUSIONS OF LAW

(1) Pursuant to s. ATCP 50.02, Wis. Adm. Code, the department may waive a requirement under ch. ATCP 50 if the department finds that a waiver is necessary to achieve the objectives of ch. ATCP 50, the waiver is in writing, and no statutory provision is affected.

(2) The department has made the findings required under s. ATCP 50.02, Wis. Adm. Code.

(3) Pursuant to s. ATCP 50.02, Wis. Adm. Code, and Findings of Fact (1) through (9), the department should waive the requirement in s. 50.32(7)(a), Wis. Admin. Code, related to the July 1st submission deadline of a county's reimbursement request for staff and support costs, and postpone the deadline until November 1, to allow a county to submit its first reimbursement request for costs incurred before November 1 of the grant year.

ORDER

NOW, THEREFORE, it is ordered pursuant to s. ATCP 50.02, Wis. Adm. Code, that:

- (1) The department grants a waiver to the requirement in s. 50.32(7)(a), Wis. Admin. Code, related to the July 1st submission deadline of a county's reimbursement request for staff and support costs, and postpones the deadline until November 1, to allow a county to submit its first reimbursement request for costs incurred before November 1 of the grant year.

Dated this _____ of _____, 2015.

STATE OF WISCONSIN
DEPARTMENT OF AGRICULTURE,
TRADE AND CONSUMER PROTECTION

By: _____
Ben Brancel, Secretary

“9 Key Elements” for Watershed-Based Plans

EPA Nonpoint Source (Section 319) Program

1. An identification of the **causes and sources** or groups of similar sources that will need to be controlled to achieve the load reductions estimated in the watershed-based plan (and to achieve any other watershed goals identified in the watershed-based plan), as discussed in item (2) immediately below. Sources that need to be controlled should be identified at the significant subcategory level with estimates of the extent to which they are present in the watershed (e.g., X number of dairy cattle feedlots needing upgrading, including a rough estimate of the number of cattle per facility; Y acres of row crops needing improved nutrient management or sediment control; or Z linear miles of eroded streambank needing remediation).
2. An estimate of the **load reductions expected for the management measures** described under paragraph (3) below (recognizing the natural variability and the difficulty in precisely predicting the performance of management measures over time). Estimates should be provided at the same level as in item (1) above (e.g., the total load reduction expected for dairy cattle feedlots; row crops; or eroded streambanks).
3. A description of the **NPS management measures** that will need to be implemented to achieve the load reductions estimated under paragraph (2) above (as well as to achieve other watershed goals identified in the watershed-based plan), and an identification (using a map or a description) of the critical areas in which those measures will be needed to implement the plan.
4. An estimate of the amounts of **technical and financial assistance** needed, associated **costs**, and/or the sources and **authorities** that will be relied upon, to implement the plan.
5. An **information/education** component that will be used to enhance public understanding of the project and encourage their early and continued participation in selecting, designing, and implementing the NPS management measures that will be implemented.
6. A **schedule** for implementing the NPS management measures identified in the plan that is reasonably expeditious.
7. A description of interim, **measurable milestones** for determining whether NPS management measures or other control actions are being implemented.
8. A set of **criteria that can be used to determine whether loading reductions are being achieved over time and substantial progress is being made towards attaining water quality standards** and, if not, the criteria for determining whether the plan needs to be revised or, if a NPS TMDL has been established, whether the NPS TMDL needs to be revised.
9. A **monitoring** component to evaluate the effectiveness of the implementation efforts over time, measured against the criteria established under item (8) immediately above.

(b) A program to implement soil and water conservation standards.

Note: A county's land and water resource management plan under s. ATCP 50.12 should identify the county's strategy to implement the farm conservation practices required under s. ATCP 50.04. Under s. ATCP 50.16, a county is required to monitor and ensure compliance with conservation standards for lands covered by the farmland preservation program under ch. 91, Stats. See s. ATCP 50.14 and subch. VII related to county ordinances.

(c) A program to prepare and submit annual reports under s. ATCP 50.18 and annual grant applications under s. ATCP 50.20.

(d) A program to receive, distribute, and account for soil and water resource management grants under this chapter.

(e) A procedure to ensure that conservation practices funded under this chapter are designed and installed according to this chapter.

(f) An accounting and recordkeeping system under s. ATCP 50.22.

(g) An information and education program to promote effective soil and water resource management.

(h) Other program elements, if any, required under this chapter.

(2) COORDINATION. A county land conservation committee shall, to the extent practicable, coordinate the program elements under sub. (1) with each other and with all of the following:

(a) The county's land information and modernization program under ss. 16.967 and 59.72 (3), Stats.

(b) The related activities of NRCS, state agencies and other governmental entities in that county.

History: CR 01-090: cr. Register September 2002 No. 561, eff. 10-1-02; CR 13-016: am. (1) (b) Register February 2014 No. 698, eff. 5-1-14.

ATCP 50.12 Land and water resource management plan. (1) REQUIREMENT. A county land conservation committee shall prepare and submit, for department approval, a land and water resource management plan. The department shall approve the county plan before allocating any funds to the county under subch. IV.

(2) PLAN CONTENTS. A land and water resource management plan shall describe all of the following in reasonable detail:

(a) Water quality and soil erosion conditions throughout the county, including identification of the causes of water quality impairment and pollutant sources. The plan shall include water quality assessments for each watershed in the county available from DNR, if any.

(b) State and local regulations that the county will use to implement the county plan. The department may require the county to provide copies of relevant local regulations, as necessary, and may comment on those regulations.

Note: See state rules under chs. ATCP 48, ATCP 50, NR 151, and NR 243.

(c) Water quality objectives for each watershed, including any available pollutant load reduction targets, consistent with conditions identified in par. (a). The county shall consult with DNR to determine water quality objectives and to identify pollutant load reduction targets.

(d) Key water quality and soil erosion problem areas. The county land conservation committee shall identify key water quality problem areas in consultation with DNR.

(e) Conservation practices needed to address key water quality and soil erosion problems.

(f) A plan to identify priority farms in the county.

Note: The identification of priority farms may vary between counties, depending on local conditions, strategies, and information. A county should focus on identifying or working with the following farms, or other categories of farms that the county identifies in its plan:

- Farms subject to a DNR notice of intent under s. 281.20, Stats., or notice of discharge under ch. 283, Stats.
- Farms located in watersheds draining to waters that DNR has listed pursuant to 33 USC 1313. This is also known as the "303(d) list of impaired waters."
- Farms that have large numbers of livestock, or significant problems with manure management.

- Farms making clearly excessive nutrient applications.
- Farms with clearly excessive rates of cropland erosion.

(g) County strategies to encourage voluntary implementation of conservation practices under s. ATCP 50.04. A county shall estimate the amount of information and education, cost-sharing and other financial assistance, and technical assistance needed to implement its plan.

(h) Compliance procedures, including notice, hearing, enforcement, and appeal procedures, that will apply if the county takes action against a landowner for failure to implement conservation practices required under this chapter, ch. NR 151 or related local regulations.

Note: See ss. ATCP 50.04 to 50.08 and subch. VII.

(i) The county's multi-year workplan to implement the farm conservation practices under s. ATCP 50.04, and achieve compliance with performance standards under ch. NR 151. The plan shall identify priorities, benchmarks for performance, and expected costs, including an estimate of costs to implement conservation practices to achieve the objectives identified in par. (c).

Note: The county workplan under par. (i) should be based on a reasonable assessment of available funding and resources.

(j) The measurable annual and multi-year benchmarks the county will utilize to periodically monitor and measure its progress in meeting performance targets and achieving plan goals and objectives under the workplan in par. (i).

(jm) How a county will meet its responsibilities for monitoring conservation compliance of landowners claiming farmland preservation tax credits.

(k) How the county will provide information and education related to land and water conservation, including information related to farm conservation practices and cost-share funding.

(L) How the county will coordinate its land and water conservation program with federal, state, and local agencies.

Note: The department and DNR will work with counties to develop more detailed guidelines and suggestions for county land and water resource management plans, but individual counties have some flexibility and discretion to propose plans that are appropriate for their local conditions.

(3) PLAN DEVELOPMENT. A county land conservation committee, when preparing a land and water resource management plan, shall do all of the following:

(a) Appoint and consult with a local advisory committee of interested persons.

Note: A local advisory committee should reflect a broad spectrum of public interests and perspectives. For example, it could include:

- Affected farmers, businesses, and landowners.
- Agricultural, business, environmental, civic, and recreational organizations.
- Federal, state, local, and tribal officials.
- The University of Wisconsin and other educational institutions.

(b) Assemble relevant data, including relevant land use, natural resource, water quality, and soil data.

(c) Consult with DNR.

Note: The county land conservation committee should normally consult with the appropriate DNR staff to obtain needed planning information, effectively address resource management concerns, and ensure that its plan incorporates elements that satisfy planning requirements under section 319 of the Clean Water Act.

(d) Assess resource conditions and identify problem areas.

(e) Establish and document priorities and objectives.

(f) Project available funding and resources.

(g) Establish and document a plan of action.

(h) Identify roles and responsibilities.

(4) PUBLIC NOTICE AND HEARING. Before a county land conservation committee submits a land and water resource management plan for department approval, the committee shall do all of the following:

(a) Hold at least one public hearing on the plan.

(b) Make a reasonable effort to notify landowners affected by committee findings under sub. (2) (d) and (e), and give them an opportunity to present information related to the accuracy of the committee's findings.



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

Sec. 92.10, Stats. & sec. ATCP 50.12, Wis. Adm. Code

County: _____

Date Plan Submitted for Review: _____

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 type="checkbox"/> | <input type="checkbox"/> | _____ |
|--|--------------------------|--------------------------|-------|

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. Provide the date the county held a public hearing on the LWRM plan. ¹ | _____ |
| 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 | _____ |

III. RESOURCE ASSESSMENT AND WATER QUALITY OBJECTIVES	Yes	No	Page
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- | | | | |
|---|--------------------------|--------------------------|-------|
| 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. an estimate of the soil erosion rates for the whole county and for local areas where erosion rates are especially high | <input type="checkbox"/> | <input type="checkbox"/> | _____ |
| ii. identification of key soil erosion problem areas in the county | <input type="checkbox"/> | <input type="checkbox"/> | _____ |
| b. Water quality conditions of watersheds in the county ³ , including: | | | |
| i. location of watershed areas, showing their geographic boundaries | <input type="checkbox"/> | <input type="checkbox"/> | _____ |
| ii. identification of the causes and sources of the water quality impairments and pollutant sources | <input type="checkbox"/> | <input type="checkbox"/> | _____ |

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 key water quality problem areas in the county	<input type="checkbox"/>	<input type="checkbox"/>	_____
<hr/>			
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	<input type="checkbox"/>	<input type="checkbox"/>	_____
b. pollutant load reduction targets for the watersheds, if available	<input type="checkbox"/>	<input type="checkbox"/>	_____
<hr/>			
3. Does the plan or related documentation reflect that the county consulted with DNR ⁴ to provide 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.	<input type="checkbox"/>	<input type="checkbox"/>	_____
<hr/>			
Other comments: _____			

IV. PLAN IMPLEMENTATION	Yes	No	Page
1. Does the LWRM plan include the following implementation strategies:			
a. A voluntary implementation strategy to encourage farm conservation practices	<input type="checkbox"/>	<input type="checkbox"/>	_____
b. State and local regulations used to implement the plan	<input type="checkbox"/>	<input type="checkbox"/>	_____
c. Compliance procedures that apply for failure to implement the conservation practices in ATCP 50, ch. NR 151 and related local regulations	<input type="checkbox"/>	<input type="checkbox"/>	_____
d. Relevant conservation practices to achieve compliance with performance standards and prohibitions and to address key water quality and erosion problems	<input type="checkbox"/>	<input type="checkbox"/>	_____
e. Strategy to monitor the compliance of participants in the farmland preservation program	<input type="checkbox"/>	<input type="checkbox"/>	_____
<hr/>			
2. Does the LWRM plan (or accompanying work plan) estimate cost-sharing and other financial assistance, and technical assistance needed for plan implementation?	<input type="checkbox"/>	<input type="checkbox"/>	_____
<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 type="checkbox"/>	<input type="checkbox"/>	_____
<hr/>			
4. Was DNR consulted about the county's plan for NR 151 implementation?	<input type="checkbox"/>	<input type="checkbox"/>	_____
<hr/>			
Other comments: _____			

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.

V. 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, including an estimate of the amount of I& E needed for plan implementation?	<input type="checkbox"/>	<input type="checkbox"/>	_____
2. Does the LWRM plan describe coordination activities with local, state and federal agencies?	<input type="checkbox"/>	<input type="checkbox"/>	_____
Other comments: _____			

VI. WORK PLANNING AND PROGRESS MONITORING	Yes	No	Page
1. Does the county's work plan do all of the following:			
a. Cover more than one year	<input type="checkbox"/>	<input type="checkbox"/>	_____
b. Identify priorities	<input type="checkbox"/>	<input type="checkbox"/>	_____
c. Provide measurable annual and multi-year performance benchmarks (for at least all high priority items)	<input type="checkbox"/>	<input type="checkbox"/>	_____
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 type="checkbox"/>	<input type="checkbox"/>	_____
Other comments: _____			

VII. EPA SECTION 319 CONSIDERATIONS
1. DOES THIS PLAN INCLUDE ELEMENTS <u>CONSISTENT</u> WITH THE MINIMUM 9 KEY ELEMENTS FOR EPA APPROVAL UNDER SECTION 319 OF THE CLEAN WATER ACT: _____
2. IF THE ANSWER TO 1 IS "YES," WHAT IS THE STATUS OF EPA'S REVIEW OF THE PLAN: NOT SUBMITTED _____ SUBMITTED BUT NOT APPROVED _____ APPROVED _____

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: _____	Date: _____

COUNTY	CONTACT	LWCB DATE	ACTION
Lafayette	Terry Loeffelholz	February	Plan Revision
Wood	Jerry Storke	February	Plan Revision
Lincoln	Diane Wessel	April	3 Year Extension
Monroe	Bob Micheel	April	3 Year Extension
Ozaukee	Andy Holschbach	April	2 Year Extension
Taylor	Ben Stamfley	April	5 Year Extension
Washington	Paul Sebo	April	5 Year Extension
Green Lake	Paul Gunderson	June	3 Year Extension
Washburn	Brent Edlin	June	2 Year Extension
Winnebago	Tom Davies	June	5 Year Extension
Adams	Wally Sedlar	August	Plan Revision
Door	Greg Coulthurst	August	5 Year Extension
Jefferson	Mark Watkins	August	5 Year Extension
Pepin	Chase Cummings	August	Plan Revision
Walworth	Fay Amerson	August	5 Year Extension
Crawford	David Troester	October	1 Year Extension
Iron	Heather Palmquist	October	5 Year Extension
Marinette	Greg Cleerman	October	5 Year Extension
Sheboygan	Christopher Ertman	October	Plan Revision
Columbia	Kurt Calkins	December	Plan Revision
Iowa	Jim McCaulley	December	Plan Revision
Manitowoc	Jerry Halverson	December	Plan Revision
Oconto	Ken Dolata	December	Plan Revision
Rusk	John Krell	December	Plan Revision

CORRESPONDENCE/MEMORANDUM _____ **State of Wisconsin**

DATE: January 13, 2015

TO: Land and Water Conservation Board Members and Advisors

FROM: Keith Foye, DATCP 
Bureau of Land and Water Resource Management

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

Action Requested: This is an action item. The department has determined that the *Lafayette County Land and Water Resource Management Plan* meets ATCP 50 requirements and requests that the LWCB make a recommendation regarding approval of the plan consistent with the Board's criteria and guidance, including any recommendation regarding any conditions in the final order approving the plan.

Summary: The plan is written as a 10 year plan, and addresses one or more of the criteria demonstrating intent for a 10 year plan. If approved, the plan would remain in effect through December 31, 2025, and would be subject to a five year review prior to December 31, 2020.

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, Lafayette County must satisfy the Board that the plan has met the additional criteria in the Board's guidance.

Lafayette County held a public hearing on December 2, 2014, as part of its public input and review process. The Lafayette 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
- LWCB Guidance Checklist
- *Lafayette County Land and Water Resource Management Plan* Summary, including work plan

Presenters: Terry Loeffelholz, Lafayette County Conservation and Zoning Department
Troy Maggied, Southwestern WI Regional Planning Commission



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

Sec. 92.10, Stats. & sec. ATCP 50.12, Wis. Adm. Code

County: Lafayette

Date Plan Submitted for Review: 8-14-14

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
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.	2/26/14& 5/26/14		
2. Provide the date the county held a public hearing on the LWRM plan. ¹	12/2/14		
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	Feb 2015		
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. an estimate of the soil erosion rates for the whole county and for local areas where erosion rates are especially high	<input checked="" type="checkbox"/>	<input type="checkbox"/>	23-27
ii. identification of key soil erosion problem areas in the county	<input checked="" type="checkbox"/>	<input type="checkbox"/>	23-27, 51
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"/>	17

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"/>	18-20, 27
iii.	identification of key water quality problem areas in the county	<input checked="" type="checkbox"/>	<input type="checkbox"/>	31-35
<hr/>				
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	<input checked="" type="checkbox"/>	<input type="checkbox"/>	31-35
b.	pollutant load reduction targets for the watersheds, if available	<input type="checkbox"/>	<input type="checkbox"/>	N/A
<hr/>				
3.	Does the plan or related documentation reflect that the county consulted with DNR ⁴ to provide 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.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____

Other comments:

IV. PLAN IMPLEMENTATION		Yes	No	Page
1.	Does the LWRM plan include the following implementation strategies:			
a.	A voluntary implementation strategy to encourage farm conservation practices	<input checked="" type="checkbox"/>	<input type="checkbox"/>	69
b.	State and local regulations used to implement the plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>	60-64
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"/>	71
d.	Relevant conservation practices to achieve compliance with performance standards and prohibitions and to address key water quality and erosion problems	<input checked="" type="checkbox"/>	<input type="checkbox"/>	69
e.	Strategy to monitor the compliance of participants in the farmland preservation program	<input checked="" type="checkbox"/>	<input type="checkbox"/>	69,72, 77
<hr/>				
2.	Does the LWRM plan (or accompanying work plan) estimate cost-sharing and other financial assistance, and technical assistance needed for plan implementation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	75-86
<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"/>	65-69
<hr/>				
4.	Was DNR consulted about the county's plan for NR 151 implementation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____

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.

Other comments: _____

V. 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, including an estimate of the amount of I& E needed for plan implementation? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 69-70 |
| 2. Does the LWRM plan describe coordination activities with local, state and federal agencies? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 70 |

Other comments: _____

VI. WORK PLANNING AND PROGRESS MONITORING

Yes No Page

- | | | | |
|---|-------------------------------------|--------------------------|-------|
| 1. Does the county's work plan do all of the following: | | | |
| a. Cover more than one year | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 75-86 |
| b. Identify priorities | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 75-86 |
| c. Provide measurable annual and multi-year performance benchmarks (for at least all high priority items) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 75-86 |
| 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"/> | 72 |

Other comments: _____

VII. EPA SECTION 319 CONSIDERATIONS

1. DOES THIS PLAN INCLUDE ELEMENTS CONSISTENT WITH THE MINIMUM 9 KEY ELEMENTS FOR EPA APPROVAL UNDER SECTION 319 OF THE CLEAN WATER ACT: _____
2. IF THE ANSWER TO 1 IS "YES," WHAT IS THE STATUS OF EPA'S REVIEW OF THE PLAN:
 NOT SUBMITTED _____ SUBMITTED BUT NOT APPROVED _____ APPROVED _____

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: 01/09/2015



County-prepared checklist to determine compliance with criteria for a LWCB recommendation for a 10-year approval and 5-year extension¹

I. Requirements for benchmarking and priority farm strategies

All counties must have plans that meet the requirements identified in Section I, questions no 1-3. This checklist is intended to ensure that counties have fulfilled these requirements when they seek a 10 year plan approval, or a 5 year extension of a plan previously approved for 5 years.¹

1. For each key activity listed below, please answer whether or not the plan has specific, measurable benchmarks and targets	If “yes,” list the page numbers in the plan or work plan	If “no,” please provide a reason (e.g., not applicable)
a. Implementation of performance standards for farms	75	
b. Implementation of stormwater management and related urban standards	76	
c. Farmland Preservation conservation compliance	77	
d. Groundwater protection: quality and quantity	78 - 79	
e. Permit and ordinance administration	80	
f. Lake and stream protection (e.g. shoreline protected, invasive species management)	81 - 82	
g. Watershed protection (e.g. phosphorus reduction/trading, TMDL, nitrogen management)	83	
h. Program evaluation and monitoring	84	
i. Spending of state cost-share funds	85	
j. Forestry management	86	
2. Does the plan provide adequate information about the benchmarked activity that includes: the objective, activities, responsible parties, timeframe, anticipated annual outcomes, and I & E tools?	75-86	
3. Does the county’s priority farm strategy include the following items?		
a. Effectively implement state performance standards and conservation practices on farms	65- 69 & 71 - 72	
b. Identify the specific conditions such as cropland nutrient runoff that will be addressed	54, 68 -69	
c. Provide an adequate framework to evaluate whether the county is making reasonable progress in implementing all high priority activities	72	

¹ A county seeking a four extension must meet the criteria for a five year plan extension.

II. Planning requirements for counties seeking a 10 year LWRM plan approval, or a 5 year extension of a plan previously approved for 5 years.

Counties seeking a 10 year plan approval, or a 5 year extension of a previously approved 5 year plan, need to complete Section II to document that county planned over a 10 year horizon.¹

1. Please answer the following regarding each element of your planning process.	If “yes,” list the page numbers in the plan or work plan	If “no,” give a reason (e.g. not applicable)
a. The local advisory committee specifically considered this longer time horizon when they made their recommendations	53	
b. The planning documents make a reasonable attempt to identify and analyze resource needs for a period of at least 10 years into the future.	74 - 86	
c. The planning documents make a reasonable attempt to forecast applicable trends for a period of at least 10 years into the future.	8 - 9	
d. The planning documents make a reasonable attempt to identify existing and anticipated priorities, with the understanding that changes are likely within the 10 year planning period.	5, 74 - 86	
e. The plan describes the process for reviewing and updating objectives and activities during the 10 year period, including changes needed as a result of annual work planning and a five year review before the LWCB	72 & 74	

III. Review of Checklist

DATCP will collect and submit the completed guidance checklist to the LWCB without any review or comment from the LWRM planner. The LWCB will use the checklist to determine whether to recommend a plan approval or extension.

IV. Failure to meet checklist requirements

If the revised plan fails to meet the requirements for a 10 year approval, the LWCB will recommend approval of the plan for a 5 year period. If plan previously approved for a 5 year period fails to meet the LWCB requirements for a 5 year extension, the LWCB will recommend a one year extension in order to provide sufficient time for the county to prepare a plan update.

Lafayette County

Land and Water Resource Management Plan 2016 - 2025



PLANNING ASSISTANCE PROVIDED BY



SOUTHWESTERN WISCONSIN
REGIONAL PLANNING
COMMISSION

Executive Summary

The Lafayette County Land and Water Resource Management (LWRM) Plan addresses soil and water quality concerns using local, state, and federal programs. It is a 10 year (2016 – 2025) action and implementation plan that emphasizes cooperation with partners in Lafayette County with a five year workplan. The Lafayette County LWRM Plan was written with the assistance of partner agencies, including the Department of Agriculture, Trade and Consumer Protection; Wisconsin Department of Natural Resources; Farm Service Agency; Natural Resources Conservation Service; and University of Wisconsin Cooperative Extension. Input on the plan came from a citizen advisory committee, comprised of individuals who represent a wide array of interests, include the Lafayette County Farm Bureau, local farmers and landowners, and Lafayette County Board.

The Land Conservation Department staff and a citizen advisory committee (CAC) reviewed past LWRM plans and evaluated their effectiveness at enhancing conservation and documenting results. Using the resource assessment and information from existing water quality plans along with supplementary data presented through a series of maps as a starting point.

The objectives of the plan are to provide:

- An assessment of the current conditions of land and water resources in Lafayette County.
- An overview of and status report on various land and water conservation implementation programs.
- Regulatory requirements related to land conservation and water quality, including state mandated NR 151 performance standards.
- Monitoring and evaluation methods administered by the Land Conservation Division and other agencies for the purpose of determining conservation needs and documenting responses in natural resources.
- Information and education initiatives that will be used to raise awareness of the importance of maintaining and enhancing natural resources
- An implementation strategy to guide LCD in carrying out the recommendations of the plan.

In summary, the LWRM Plan outlines a comprehensive strategy for the implementation of soil and water conservation in Lafayette County from 2016 through 2025. It identifies nine critical goals for carrying out natural resource protection in Lafayette County.

- Reduce soil erosion
- Develop urban and agriculture stakeholder interest
- Ensure effective nutrient and manure management
- Ensure safe drinking water supply
- Address water and soil quality issues in Farmland Preservation Plan and Land Use Plans
- Promote sustainable agriculture and plan for climate change
- Promote restoration and protection of surface water
- Address invasive species
- Promote sustainable forest management

Additionally, a public hearing on the plan was held December 2, 2014. Thus a wide array of voices and perspectives contributed to the development of the Lafayette County LWRM Plan. The LCD will evaluate the five year workplan on an annual basis to ensure that needs are being adequately addressed. In the year 2020, the work plan will be reviewed, and modified to reflect past activities and accomplishments, and new priorities for another five year workplan. Implementing the goals identified in this plan will help insure the continued protection and enhancement of the natural resources in Lafayette County. This can only be accomplished through ongoing partnerships with agencies, landowners, conservation groups, citizens of Lafayette County, and new partners identified through the planning process.

2016 - 2020 Lafayette County Workplan

(1) Implementation of performance standards for farms						
Objectives	Actions	Who (Lead Agency)	When	Staff & other costs	Anticipated annual outcomes	Informational & Educational Tools
Reduce sediment delivery.	Inventory FPP Participant farms for conservation compliance	LCD	Annually	1,000 staff hours (\$40,000)	50 farms certified in compliance	LCD UWEX
	Install agricultural BMPs to reduce soil erosion	LCD	Annually	1,000 staff hours (\$40,000)	51 farms certified in compliance	LCD UWEX
	Conduct farmer training nutrient management workshops	LCD DATCP UWEX	Annually	1,000 staff hours (\$40,000) \$200,000 cost-share	100% of cost-share funding available is spent in the county	LCD - Brochures, Newsletters, factsheets, local newspaper, direct mailing NRCS standards
	Write nutrient management plans	LCD NRCS	Annually	100 staff hours (\$4,000) \$140,000 cost-share	NM plans written for 1,500 acres annually	LCD UWEX
LWRM Plan priority goal	Encourage CRP/CREP enrollment of sensitive lands	LCD NRCS FSA UWEX	Annually	Staff costs included under Objective 1 and Action 3	100 acres enrolled in CRP	LCD Brochures, newsletters
	Promote conservation practices that reduce sediment delivery to surface waters	LCD NRCS	Annually	Staff costs & cost-share included under objective 1 action 4	2 farmers convert to no-till: 1,500 acres of residue management, 500 new acres under cover crop	LCD - Brochures, Newsletters, factsheets, local newspaper, direct mailing NRCS UWEX

2016 - 2020 Lafayette County Workplan

(2) Implementation of stormwater management and related urban standards						
Objectives	Actions	Who (Lead Agency)	When	Staff & other costs	Anticipated annual outcomes	Informational & Educational Tools
Ensure erosion control and stormwater management standards are met	Educate landowner/business on proper use of fertilizer in non-ag situations	LCD	Annually	40 staff hours (\$1,200)	Hold 1 workshop annually with landowners/business on proper use	Provide factsheets to local governments
	Integrate GIS tracking of permitted sites	LCD Land Records	Annually	300 staff hours (\$12,000)	600 erosion control permits are geolocated to facilitate inspection	Land Records GIS website
Encourage practices that treat stormwater as an asset	Encourage rain gardens, native plantings, and constructed wetlands into site landscaping plans	LCD UWEX DNR	Annually	10 hours (\$400)	Hold 2 workshops annually with gardeners, landscaping companies, and others on rain barrels, rain gardens, and constructed wetlands	LCD - Brochures, Newsletters, factsheets, local newspaper
LWRM Plan priority goal						

2016 - 2020 Lafayette County Workplan

(3) Farmland Preservation conservation compliance						
Objectives	Actions	Who (Lead Agency)	When	Staff & other costs	Anticipated annual outcomes	Informational & Educational Tools
Preserve productive farmland	Update Lafayette County Farmland Preservation	SWWRPC LCD	2015	20 LCD staff hours (\$600) 740 SWWRPC staff hours	FPP plan updated	LCD newsletter, local paper, SWWRPC website UWEX website DATCP website
	Monitor compliance on FPP participants	LCD NRCS UWEX	Annually	400 staff hours (\$16,000)	compliance monitoring on 10 FPP participants	LCD newsletter, local paper, UWEX website DATCP website
Enroll highly erodable lands into CRP/CREP	Encourage CRP/CREP enrollment of sensitive lands	LCD NRCS FSA UWEX	Annually	Staff costs & cost-share included under Objective 1, Action 4	100 acres enrolled in CRP	LCD newsletter, local paper

LWRM Plan priority goal

2016 - 2020 Lafayette County Workplan

(4) Groundwater Protection: Quality and Quantity						
Objectives	Actions	Who (Lead Agency)	When	Staff & other costs	Anticipated annual outcomes	Informational & Educational Tools
Seal/protect direct conduits to groundwater to prevent contamination	Conduct well decommissioning field day	UWEX LCD NRCS	Annually	10 staff hours (\$400)	field day attended by 30 landowners	LCD website newsletter, local paper, flyers, field day
	decommission wells as identified	LCD NRCS		40 staff hours (\$1,600) \$1,000 cost-share	5 wells decommissioned	LCD website newsletter, local paper, flyers, field day
Identify and protect springs in Lafayette County	Inform landowners about detrimental effects of grazing, tilling, cropping, drainage, spraying, and building ponds on springs and groundwater			10 staff hours (\$400)		
	encourage preservation of spring recharge areas during the plan review process	LCD, USGS	Annually	included in plan review process	Springs are identified and voluntarily protected	LCD newsletter, local paper, flyers, USGS
	encourage use of buffers to protect springs			included in plan review process		
LWRM Plan priority goal						

2016 - 2020 Lafayette County Workplan

(4) Groundwater Protection: Quality and Quantity						
Objectives	Actions	Who (Lead Agency)	When	Staff & other costs	Anticipated annual outcomes	Informational & Educational Tools
Inform, educate, assist residents	Water testing at fair	LCD UWEX	Annually	200 hours (\$6,000)	50-75 water tests per year	LCD - county fair
	Earth Day Celebration	LCD UWEX NRCS	Annually	300 hours (\$9,000)	educate 250 students about our natural resources	LCD - flyer
	Information and education fair	LCD UWEX	Annually	350 hours (\$10,500)	educate 100 people each year	LCD newsletter, local paper, flyers,
	Offer cost-share and Bentonite screen for well abandonment	LCD UWEX	Annually	165 hours (\$4,950) \$22,000 cost-share	10-12 wells per year	LCD news article, flyers, direct mailings UWEX website
	Work with DNR to educate/assist landowners on need to reclaim old mine sites	LCD DNR	Annually	200 staff hours (\$6,000)	reclamation of old mine sites	LCD news article, flyers, direct mailings DNR website
LWRM Plan priority goal						

2016 - 2020 Lafayette County Workplan

(5) Permit and ordinance administration						
Objectives	Actions	Who (Lead Agency)	When	Staff & other costs	Anticipated annual outcomes	Informational & Educational Tools
Administer the county manure storage ordinance	Educate landowners about the Animal Waste Prohibitions	LCD UWEX NRCS	Annually	10 staff hours (\$400)	Host 1 permittee annual meeting and no violations	LCD newsletter, local paper, flyers, NRCS DNR website UWEX website
	Conduct spot checks of nutrient management plans	LCD		208 staff hours (\$8,320)	52 nutrient management plans inspected	LCD NRCS DNR website, handouts UWEX website
	Issue manure storage permits	LCD		20 staff hours (\$800)	5 new storage facilities; 1 facility properly abandoned	LCD newsletter, local paper, flyers
Administer non-metallic mining ordinance	Issue non-metallic mining permits as required	LCD	Annually	52 staff hours (\$2,080)	Permit application meets requirements of non-metallic mining ordinance	LCD annual meeting to permit holders
	Verify mine reclamation plan is compliant					
Administer livestock facility siting ordinance	Ensure permit application complies with technical requirements of	LCD DATCP	Annually	800 staff hours (\$24,000) and cost -share under item (1) objective 1 action 4	5 new facilities	LCD DATCP
LWRM Plan priority goal						

2016 - 2020 Lafayette County Workplan

(6) Lake and stream protection (e.g. shoreline protected, invasive species management)						
Objectives	Actions	Who (Lead Agency)	When	Staff & other costs	Anticipated annual outcomes	Informational & Educational Tools
Work with landowners and agencies to minimize soil erosion and protect water quality	Maintain and evaluate shoreland buffers and shoreland restoration contracts	LCD DNR	Annually	40 staff hours (\$1,600)	Monitor 5 restoration sites each year for compliance to county operation and maintenance contracts, effectiveness in erosion protection, and recovery of	LCD newsletter, flyers
	assistance and cost-sharing funding for shoreland restoration, erosion control, and near shore habitat recovery	LCD DNR	Annually	200 staff hours (\$8,000)	Install 5 shoreline protection BMPs to reduce erosion and improve near-shore habitat recovery	LCD newsletter, flyers
	Improve navigability, and clean up of the Pecatonica River	Alliance DNR LCD	Annually	40 staff hours (\$1,200)	5-10 snags per year	LCD newsletter
	Prioritize project sites with significant erosion impacts	LCD DNR	Annually	30 staff hours (\$1,200)	Partner with individuals, municipalities, and organizations to investigate/identify 3 culverts or ditches annually that may allow sediment to travel to adjacent waterways	LCD
LWRM Plan priority goal						

2016 - 2020 Lafayette County Workplan

(6) Lake and stream protection (e.g. shoreline protected, invasive species management)						
Objectives	Actions	Who (Lead Agency)	When	Staff & other costs	Anticipated annual outcomes	Informational & Educational Tools
Work with landowners and agencies to minimize soil erosion and protect water quality	Installation of rip/rap Lunkers, grassed waterways, promoting rotational grazing Write TRM grant for projects	LCD NRCS	Annually	640 staff hours (\$19,200)	rip/rap lunkers - 2 projects/year, grassed waterways - 1 each year	LCD Distribute brochures, news articles, workshops
Protect aquatic ecosystems from non-native invasive species	Disseminate information about terrestrial invasive species ID, prevention, management, and control	LCD DNR UWEX	Annually	200 staff hours (\$8,000)	Approved TRM grant	LCD newsletter
	Train citizens and volunteer groups to identify aquatic and terrestrial invasive species	LCD DNR UWEX	Annually	10 staff hours (\$400)	host 5 annual presentations and 2 annual workshops about aquatic invasive species ID, prevention, management, and control	LCD UWEX DNR
LWRM Plan priority goal	Apply for AIS Grants	LCD	Annually	5 staff hours (\$200)	coordinate 2 annual programs to train individuals	LCD newsletter, flyer, UWEX DNR
					Write and apply for AIS grants (made available)	LCD newsletter

2016 - 2020 Lafayette County Workplan

(7) Watershed protection (e.g. Phosphorus reduction/trading, TMDL, Nitrogen management)						
Objectives	Actions	Who (Lead Agency)	When	Staff & other costs	Anticipated annual outcomes	Informational & Educational Tools
Establish local trading workgroup and begin pilot nutrient trading program	Host meetings among perspective trading partners	LCD, DNR, Farm Bureau	Annually	120 hours (\$4,800)	6 meetings among potential trading partners. Potential win-win outcomes identified	LCD newsletter, flyers, local paper DNR
	potential trading partners and DNR/EPA to establish parameters for verifiable reductions	LCD DNR Farm Bureau	Annually	120 hours (\$4,800)	Partner agencies determine how to verify pollutant reductions	LCD newsletter, flyers, local paper DNR
	Select pilot projects for nutrient trading	LCD DNR Farm Bureau	Annually	10 staff hours (\$400)	Primary and backup sites selected for pilot project	LCD newsletter, flyers, local paper DNR Partners
	Install monitors and BMPs to verify pollutant reductions	LCD DNR Farm Bureau	Annually	100 staff hours (\$4,000) \$5,000 cost-share	Monitoring site installed and monitoring begun prior to BMP installation	LCD newsletter, flyers, local paper DNR
	Review trading pilot and assess program continuation	LCD DNR Farm Bureau	Annually	120 staff hours (\$4,800)	Final report completed, with proven or modeled pollutant reductions identified	LCD
Yellowstone Watershed LWRM Plan priority goal	Perform status reviews	LCD	Annually	80 staff hours (\$2,400)	Complete 2 per year	LCD Newsletter

2016 - 2020 Lafayette County Workplan

(8) Program evaluation and monitoring						
Objectives	Actions	Who (Lead Agency)	When	Staff & other costs	Anticipated annual outcomes	Informational & Educational Tools
	Support citizen-based monitoring	LCD Local partner	Annually	20 staff hours (\$800)	Better informed citizens	LCD semi-annual meetings, newspaper article
Assess water quality	Install county monitoring equipment on designated streams	LCD Local partner	Annually	100 staff hours (\$4,000) \$2,000 (monitoring equipment O & M)	Continuous water quality information on streams	LCD Local partner presentations
Inform County Board and citizens of progress	Report to County Board	LCD	Annually	10 staff hours (\$400)	Support for departments programs	LCD newsletter, news paper article highlighting progress
Inform DATCP of progress	DATCP report	LCD	Annually	5 staff hours (\$200)	Support for departments programs	LCD annual report
LWRM Plan priority goal						

2016 - 2020 Lafayette County Workplan

(9) Spending of state cost-share funds						
Objectives	Actions	Who (Lead Agency)	When	Staff & other costs	Anticipated annual outcomes	Informational & Educational Tools
Prioritize cost-share dollars for high-return practices	Calculate practice effectiveness prior to offering cost-share	LCD		100 staff hours (\$4,000)	cost-share is spent to maximize water quality improvements	LCD newsletter
Use LWRM plan as tool to acquire additional cost-share and staffing dollars from other	Apply for additional grants based on LWRM plan priorities and proven accomplishments	LCD	Annually	500 staff hours (\$20,000)	Grants worth \$100,000 are awarded to further attain the LCDs goal	LCD newsletter
Maintain appropriate records	Monitor contracts to ensure practices are maintained appropriately for the life of the contract	LCD NRCS		100 staff hours (\$4,000)	Contracts requiring a practice be sustained for 20 years are still effectively sustained after 20 years	LCD newsletter DATCP NRCS
LWRM Plan priority goal						

2016 - 2020 Lafayette County Workplan

(10) Forestry management						
Objectives	Actions	Who (Lead Agency)	When	Staff & other costs	Anticipated annual outcomes	Informational & Educational Tools
Provide technical assistance for forestry BMPs	Evaluate & correct erosion stability, and location problems on existing forest roads, recreational trails, landings, and crossings with a focus in sub-watersheds.	LCD NRCS	Annually	200 staff hours (\$8,000)	5 forest roads located to reduce erosion; 1 landing re-sted to less environmentally sensitive area	LCD newsletter, flyers
Inform public of resources available for forest management	Educate farmers about forest management during farm visits	LCD County Forester NRCS	Annually	300 staff hours (\$12,000)	2 additional landowners per year	LCD factsheets, LCD newsletter, direct mailings
Provide tools for woodland management	Conduct tree & shrub sale	LCD DNR forester	Annually	Maintain planter & sprayers (\$300)	rent planter to 10 people	LCD
	Provide tree planter, spuds, & sprayers to landowners	LCD DNR NRCS	Annually		sell 20,000 - 25,000 trees	LCD newsletter, flyers, FSA newsletter, DNR bulletin
LWRM Plan priority goal						

CORRESPONDENCE/MEMORANDUM _____ **State of Wisconsin**

DATE: January 9, 2015

TO: Land and Water Conservation Board Members and Advisors

FROM: Keith Foye, DATCP 
Bureau of Land and Water Resource Management

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

Action Requested: This is an action item. The department has determined that the *Wood County Land and Water Resource Management Plan* meets ATCP 50 requirements and requests that the LWCB make a recommendation regarding approval of the plan consistent with the Board's criteria and guidance, including any recommendation regarding any conditions in the final order approving the plan.

Summary: The plan is written as a 10 year plan, and addresses one or more of the criteria demonstrating intent for a 10 year plan. If approved, the plan would remain in effect through December 31, 2024, and would be subject to a five year review prior to December 31, 2019.

DATCP staff reviewed the plan using the LWRM Plan Review 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, Wood County must satisfy the Board that the plan has met the additional criteria in the Board's guidance.

Wood County held a public hearing on December 18, 2014, as part of its public input and review process. The Wood County Conservation, Education, and Economic Development 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
- LWCB Guidance Checklist
- *Wood County Land and Water Resource Management Plan* Summary, including workplan and budget

Presenter: Jerry Storke, Wood County Conservationist



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

Sec. 92.10, Stats. & sec. ATCP 50.12, Wis. Adm. Code

County: WOOD

Date Plan Submitted for Review: 01-05-15

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"/>	82-84

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.	9-3-14&12-9-14
2. Provide the date the county held a public hearing on the LWRM plan. ¹	12/18/14
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	FEB 2015

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. an estimate of the soil erosion rates for the whole county and for local areas where erosion rates are especially high	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2-32
ii. identification of key soil erosion problem areas in the county	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3-36&38
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"/>	2-21

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"/> | 2-26,27 |
| iii. | identification of key water quality problem areas in the county | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2-26,27 |

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 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4-39,40 |
| b. | pollutant load reduction targets for the watersheds, if available | <input type="checkbox"/> | <input type="checkbox"/> | n/a |

- | | | | | |
|----|--|-------------------------------------|--------------------------|-----------|
| 3. | Does the plan or related documentation reflect that the county consulted with DNR ⁴ to provide 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. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 1-2, 2-26 |
|----|--|-------------------------------------|--------------------------|-----------|

Other comments: Transect survey stated 92% of County was below "T". DNR was included in advisory group, DNR basin plans material was incorporated.

IV. PLAN IMPLEMENTATION

Yes No Page

1. Does the LWRM plan include the following implementation strategies:

- | | | | | |
|----|---|-------------------------------------|--------------------------|---------|
| a. | A voluntary implementation strategy to encourage farm conservation practices | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 6-47 |
| b. | State and local regulations used to implement the plan | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 7-51-53 |
| 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"/> | 6-48 |
| d. | Relevant conservation practices to achieve compliance with performance standards and prohibitions and to address key water quality and erosion problems | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 6-49,50 |
| e. | Strategy to monitor the compliance of participants in the farmland preservation program | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 8-54,55 |

- | | | | | |
|----|---|-------------------------------------|--------------------------|-----------|
| 2. | Does the LWRM plan (or accompanying work plan) estimate cost-sharing and other financial assistance, and technical assistance needed for plan implementation? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Work plan |
|----|---|-------------------------------------|--------------------------|-----------|

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.

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"/>	6-47,48
4. Was DNR consulted about the county's plan for NR 151 implementation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	76-80

Other comments: NR151 strategy is included, GIS tracking will be done.

V. 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, including an estimate of the amount of I& E needed for plan implementation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	9-56,57
2. Does the LWRM plan describe coordination activities with local, state and federal agencies?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7-51-53&9-57 —

Other comments: _____

VI. WORK PLANNING AND PROGRESS MONITORING	Yes	No	Page
1. Does the county's work plan do all of the following:			
a. Cover more than one year	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
b. Identify priorities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
c. Provide measurable annual and multi-year performance benchmarks (for at least all high priority items)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
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"/>	8-54,55 & 6-48

Other comments: _____

VII. EPA SECTION 319 CONSIDERATIONS
1. DOES THIS PLAN INCLUDE ELEMENTS <u>CONSISTENT</u> WITH THE MINIMUM 9 KEY ELEMENTS FOR EPA APPROVAL UNDER SECTION 319 OF THE CLEAN WATER ACT: _____
2. IF THE ANSWER TO 1 IS "YES," WHAT IS THE STATUS OF EPA'S REVIEW OF THE PLAN: NOT SUBMITTED _____ SUBMITTED BUT NOT APPROVED _____ APPROVED _____

STAFF RECOMMENDATION



County-prepared checklist to determine compliance with criteria for a LWCB recommendation for a 10-year approval and 5-year extension¹

I. Requirements for benchmarking and priority farm strategies

All counties must have plans that meet the requirements identified in Section I, questions no 1-3. This checklist is intended to ensure that counties have fulfilled these requirements when they seek a 10 year plan approval, or a 5 year extension of a plan previously approved for 5 years.¹

1. For each key activity listed below, please answer whether or not the plan has specific, measurable benchmarks and targets	If “yes,” list the page numbers in the plan or work plan	If “no,” please provide a reason (e.g., not applicable)
a. Implementation of performance standards for farms	6-46, 6-47, 6-48	6-47, 6-48, 6-49
b. Implementation of stormwater management and related urban standards	58	59
c. Farmland Preservation conservation compliance	7-50, 7-51, 57	7-53, 58
d. Groundwater protection: quality and quantity	57,58,59,60, 63	58, 59, 60, 61, 64
e. Permit and ordinance administration	7-51, 58, 59, 60	7-52, 7-53, 59, 60, 61,
f. Lake and stream protection (e.g. shoreline protected, invasive species management)	62, 58	59, 64, 69
g. Watershed protection (e.g. phosphorus reduction/trading, TMDL, nitrogen management)	60	61,62
h. Program evaluation and monitoring	8-53, 8-54, 9-56	8-54, 8-55, 9-57
i. Spending of state cost-share funds	6-48	6-49
j. Forestry management	66	67
2. Does the plan provide adequate information about the benchmarked activity that includes: the objective, activities, responsible parties, timeframe, anticipated annual outcomes, and I & E tools?	57, 58, 59, 60, 61, 62, 63, 64, 65, 66	58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69
3. Does the county’s priority farm strategy include the following items?		
a. Effectively implement state performance standards and conservation practices on farms	6-46, 6-47, 6-48	6-45, 6-46, 6-47, 6-48, 6-49, 6-50
b. Identify the specific conditions such as cropland nutrient runoff that will be addressed	6-44, 6-45, 6-46	6-45, 6-46, 6-47
c. Provide an adequate framework to evaluate whether the county is making reasonable progress in implementing all high priority activities	8-53, 8-54	5-43, 8-54, 8-55

¹ A county seeking a four extension must meet the criteria for a five year plan extension.

II. Planning requirements for counties seeking a 10 year LWRM plan approval, or a 5 year extension of a plan previously approved for 5 years.

Counties seeking a 10 year plan approval, or a 5 year extension of a previously approved 5 year plan, need to complete Section II to document that county planned over a 10 year horizon.¹

1. Please answer the following regarding each element of your planning process.	If “yes,” list the page numbers in the plan or work plan	If “no,” give a reason (e.g. not applicable)
a. The local advisory committee specifically considered this longer time horizon when they made their recommendations	1-2	1-2
b. The planning documents make a reasonable attempt to identify and analyze resource needs for a period of at least 10 years into the future.	2-13, 2-14	2-12, 2-13, 2-14, 2-15
c. The planning documents make a reasonable attempt to forecast applicable trends for a period of at least 10 years into the future.	2-30	2-31
d. The planning documents make a reasonable attempt to identify existing and anticipated priorities, with the understanding that changes are likely within the 10 year planning period.	6-47, 7-51	6-47, 6-48, 7-53
e. The plan describes the process for reviewing and updating objectives and activities during the 10 year period, including changes needed as a result of annual work planning and a five year review before the LWCB	5-42	5-43

III. Review of Checklist

DATCP will collect and submit the completed guidance checklist to the LWCB without any review or comment from the LWRM planner. The LWCB will use the checklist to determine whether to recommend a plan approval or extension.

IV. Failure to meet checklist requirements

If the revised plan fails to meet the requirements for a 10 year approval, the LWCB will recommend approval of the plan for a 5 year period. If plan previously approved for a 5 year period fails to meet the LWCB requirements for a 5 year extension, the LWCB will recommend a one year extension in order to provide sufficient time for the county to prepare a plan update.



LAND AND WATER RESOURCE MANAGEMENT PLAN



February 2015

PLAN SUMMARY

The management of Wisconsin's natural resources has become exceedingly complex. A myriad of environmental rules and regulations exist at all levels of government to protect the health, safety and welfare of our citizens. People will continue to demand that these natural resources remain abundant and available as well as of high quality. There will need to be a coordinated effort between federal, state, and local natural resource managers to ensure that this demand will be met today and well into the future. The Wood County Land and Water Resource Management Plan is a ten-year plan that provides direction to natural resources managers of all levels of government for the protection and improvement of our natural resources.

In 1997, Wisconsin Act 27 and in 1999, Wisconsin Act 9 amended Chapter 92 of the Wisconsin Statutes, requiring counties to develop Land and Water Resource Management Plans. The intent of this change is to foster and support a locally led process that improves decision-making, streamlines administrative and delivery mechanisms and better utilizes local, state, and federal funds to protect Wisconsin's land and water resources. The purpose of the Wood County Land and Water Resource Management Plan is to:

- Identify and prioritize the major natural resources issues and concerns for Wood County.
- Develop a coordinated effort to resolve these issues and concerns.
- Determine the roles of agencies in implementing the plan.
- Develop strategies, goals, objectives, and outcomes for program years 2015-2019.
- Service funding for the management of the natural resource base in Wood County.

To successfully implement the plan, cost-share funding for farmers will be needed for the installation of Best Management Practices that protect and conserve our natural resources. Additionally, the implementation of this plan is dependent upon having available staff hours to assist farmers in meeting the agricultural performance standards and prohibitions, monitoring, compliance and delivering technical assistance. The Wood County Land and Water Resource Management Plan will accomplish the goals set forth through a coordinated effort aimed at improving program effectiveness at all levels of government.

2015 – 2019 WOOD COUNTY WORK PLAN

GOAL #1 – REDUCE SEDIMENT DELIVERY TO SURFACE WATERS OF WOOD COUNTY

All high priority activities are highlighted in bold and shaded.

Objective: Reduce erosion and sediment delivery from cropland fields.

Actions	Who	When	Estimated Staff Hours	Estimated Staff Costs	Estimated Other Costs	Outcome
Ensure all soil and water conservation plans are written to meet tolerable soil loss rates using RUSLE II.	LCD NRCS	2015-2019	100	\$ 3,500		Develop 750 acres of conservation plans annually.
Promote reduced tillage, cover crops, and prescribed grazing to farmers as a means to reduce erosion.	LCD NRCS RC&D UWEX	2015-2019	200	\$ 7,000		Conduct field demonstrations and write news articles on the benefits of reduced tillage, cover crops, and prescribed grazing.
Monitor all Farmland Preservation Program participants for compliance with Agricultural Performance Standards.	LCD	2015-2019	200	\$ 7,000		Spot-check ten Farmland Preservation Participants annually.
Provide cost-share funds for the installation of best management practices that reduce erosion and sediment delivery.	LCD NRCS	2015-2019	2,000	\$ 70,000	\$128,750	Provide \$25,750 annually for cost-share assistance.
Implement strategy to remove Mill Creek from DNR’s 303d Impaired Waters list.	LCD	2015-2019	100	\$ 3,500		Develop 500 acres of conservation plans. Apply for a large scale Targeted Runoff Management Grant.
Conduct Transect Survey of cropland to monitor conditions.	LCD	2015-2019	250	\$ 8,750		Reduce county soil loss by 2019.
Assist landowners in meeting Agricultural Performance Standards for sheet and rill erosion.	LCD	2015-2019	750	\$26,250		Certify ten farmers annually to meet Agricultural Performance Standards.

2015 – 2019 WOOD COUNTY WORK PLAN

Objective: Reduce sediment delivery from non-cropland areas.						
Actions	Who	When	Estimated Staff Hours	Estimated Staff Costs	Estimated Other Costs	Outcome
Support and promote the use of stream buffers through CREP, CRP, WRP, and Central Wisconsin Grassland Initiative Program.	LCD DNR FSA NRCS RC&D	2015-2019	300	\$ 10,500		Install an additional 750 acres into conserving use programs.
Objective: Administer Wood County Nonmetallic Mining Reclamation Ordinance.						
Assist in the permitting of new nonmetallic mining reclamation operations.	LCD	2015-2019	400	\$ 14,000		Permit two new reclamation operations annually.
Assist mine operators in meeting ordinance regulations.	LCD	2015-2019	1,750	\$ 61,250		Annually inspect all permitted nonmetallic reclamation mines.
Ensure that final nonmetallic mining reclamation meets approved reclamation plan criteria.	LCD	2015-2019	400	\$ 14,000		Approve two nonmetallic mining reclamation plans annually for final certification.
Objective: Reduce sediment from construction sites.						
Educate landowners and contractors regarding stormwater management plans and erosion control practices for construction sites.	LCD DNR UWEX	2016 2019	200	\$ 7,000		Conduct two training sessions for local contractors and landowners.
It is estimated that 6,650 staff hours will be needed to accomplish Goal #1 at a projected cost of \$232,750 for staff salaries and fringes and an additional \$125,000 for cost share assistance.						

2015 – 2019 WOOD COUNTY WORK PLAN

GOAL #2 – REDUCE ANIMAL WASTE AND NUTRIENT DELIVERY TO SURFACE WATERS AND GROUNDWATER OF WOOD COUNTY

All high priority activities are highlighted in bold and shaded.

Objective: Increase the number of cropland acres that have a nutrient management plan.

Actions	Who	When	Estimated Staff Hours	Estimated Staff Costs	Estimated Other Costs	Outcome
Continue to require all permitted waste storage facilities submit an approved nutrient management plan annually.	LCD	2015-2019	250	\$ 8,750		Review and approve three nutrient management plans annually.
Continue to require that all permitted facilities maintain and implement a soil and water conservation plan that meets tolerable soil loss levels.	LCD NRCS	2015-2019	500	\$ 17,500		Review and approve ten soil and water conservation plans annually.
Encourage farmers to use EQIP funds or other available cost share programs for plan preparation.	NRCS LCD MSTC UWEX	2015-2019	800	\$ 28,000		Review and approve ten nutrient management plans annually.

Objective: Reduce runoff of winter spread manure.

Encourage long-term manure storage as a means to eliminate land spreading during snow covered and frozen ground conditions.	LCD	2015-2019	3,750	\$131,250	\$900,000	Install five long term manure storage facilities annually.
Promote the use of anaerobic digesters.	LCD	2015-2019	500	\$ 17,500		Assist interested farmers in implementation of digester systems.

Objective: Administer County Animal Waste Storage Ordinance.

2015 – 2019 WOOD COUNTY WORK PLAN

Actions	Who	When	Estimated Staff Hours	Estimated Staff Costs	Estimated Other Costs	Outcome
Assist in the permitting of new, altered, and closed manure storage systems.	LCD	2015-2019	1,000	\$ 35,000		Permit three new manure storage facilities and one closed facility annually.
Assist farmers in meeting the Agricultural Performance Standards and Prohibitions for manure storage facilities.	LCD	2015-2019	750	\$ 26,250		Certify five farmers with Agricultural Performance Standards and Prohibitions.
Objective: Reduce runoff from barnyards and feedlots.						
Implement strategy to remove Mill Creek from DNR's 303d impaired waters list.	DNR LCD NRCS	2015-2019	1,000	\$ 35,000	\$103,000	Install five barnyard runoff control systems in Mill Creek Watershed.
Provide cost-share assistance to farmers that install best management practices that reduce nutrient loading to streams.	LCD NRCS	2015-2019	2,500	\$ 87,000	\$154,500	Provide \$30,900 annually in cost-share.
Objective: Promote proper well abandonment to reduce runoff to groundwater.						
Provide cost-share assistance to landowners that properly abandon wells that reduce nutrient runoff to groundwater.	LCD	2015-2019	100	\$ 3,500	\$2,500	Abandoned one well annually.
Educate and inform landowners on how to properly abandon a well.	LCD	2015-2019	200	\$ 7,000		Provide information on well abandonment to two landowners annually.
Objective: Implement Chapter 102, Wisconsin Statutes Phosphorus Rule.						
Educate and assist any wastewater facility discharger to meet Rule compliance requirements.	LCD & P&Z	2015 – 2019	2,000	\$ 70,000		Write one newsletter article annually. Assist interested wastewater facility dischargers to meet the State Phosphorus Rules.

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Objective: Reduce high nitrate levels in drinking water.						
Assist landowners in meeting safe nitrate levels in drinking water.	LCD	2015-2019	120	\$4,200		Write one newsletter article annually.
Make water testing data available to the public.	LCD	2015-2019	400	\$14,000		Create a central database of information.
It is estimated that 13,990 staff hours will be needed to accomplish Goal #2 at a projected cost of \$489,650 for staff salaries and fringes and an additional \$1,160,000 for cost share assistance.						

2015 – 2019 WOOD COUNTY WORK PLAN

GOAL #3 – REDUCE CROP DAMAGE CAUSED BY WILDLIFE IN WOOD COUNTY

All high priority activities are highlighted in bold and shaded.

Objective: Administer Wildlife Damage Abatement and Claims Program.

Actions	Who	When	Estimated Staff Hours	Estimated Staff Costs	Estimated Other Costs	Outcome
Assist farmers in implementing abatement measures to reduce damage.	LCD	2015-2019	5,250	\$183,750	\$400,000	Implement abatement measures on 15 farms annually.
Educate farmers on program eligibility and requirements.	LCD UWEX	2015-2019	80	\$ 2,800		Write two newsletter articles annually.
Promote venison donation program as an abatement measure to reduce deer damage.	LCD	2015-2019	200	\$7,000		Assist ten landowners annually on program eligibility and requirements.

It is estimated that 5,530 staff hours will be needed to accomplish Goal #3 at a projected cost of \$193,550 for staff salaries and fringes and an additional \$400,000 for cost share assistance.

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GOAL #4 – PROTECT AND DEVELOP WETLANDS AND UPLANDS FOR WILDLIFE HABITAT IN WOOD COUNTY All high priority activities are highlighted in bold.						
Objective: Increase and protect wetlands and wildlife habitat.						
Promote programs available to landowners to protect and develop wetlands and wildlife habitat.	LCD NRCS RC&D	2015-2019	80	\$ 2,800		Write two newsletter articles annually.
Assist schools with invasive species education projects.	LCD RC&D	2015-2019	200	\$ 7,000		Assist one school with purple loosestrife bio-control project annually.
Educate county residents of invasive plants.	LCD RC&D UWEX	2015-2019	100	\$ 3,500		Write two newsletter articles annually.
Actions	Who	When	Estimated Staff Hours	Estimated Staff Costs	Estimated Other Costs	Outcome
Provide cost-share funds for the installation of practices that protect and develop wetlands and wildlife habitat.	NRCS	2015-2019	400	\$ 14,000	\$50,000	Provide \$10,000 annually for cost share assistance.
It is estimated that 780 staff hours will be needed to accomplish Goal #4 at a projected cost of \$27,300 for staff salaries and fringes and an additional \$50,000 for cost share assistance.						

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GOAL #5 – INCREASE EFFORTS TO INVENTORY THE WATER RESOURCES OF WOOD COUNTY

All high priority activities are highlighted in bold and shaded.

Objective: Increase water quality and quantity monitoring of Wood County streams.

Petition the WDNR to increase the number and frequency of stream monitoring sites in Wood County.	LCD	2016-2018	300	\$ 10,500		Increase the number of monitoring sites in Wood County watersheds.
Continue to monitor water quality of streams in southeastern Wood County..	LCD DNR Volunteers	2015-2019	500	\$ 17,500		Obtain data on water quality of streams in southeastern Wood County.

Objective: Increase water quality monitoring of groundwater resources in Wood County.

Obtain grants to conduct a new countywide groundwater quality study for Wood County.	LCD	2016-2018	600	\$ 21,000		Conduct a groundwater quality study of Wood County.
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It is estimated that 1,400 staff hours will be needed to accomplish Goal #5 at a projected cost of \$49,000 for staff salaries and fringes.

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GOAL #6 – MINIMIZE THE ADVERSE EFFECTS OF URBAN SPRAWL AND LAND FRAGMENTATION IN RURAL WOOD COUNTY

All high priority activities are highlighted in bold and shaded.

Objective: Maintain prime farmland and reduce housing development in rural areas.

Actions	Who	When	Estimated Staff Hours	Estimated Staff Costs	Estimated Other Costs	Outcome
Educate and inform farmers on Farmland Preservation Program eligibility, requirements, and benefits.	LCD UWEX	2015-2019	100	\$ 3,500		Write one newsletter article annually and distribute brochures.
Encourage and assist farmers to participate in government conservation programs that maintain the rural landscape.	LCD NRCS	2015-2019	100	\$ 3,500		Write one newsletter article annually and distribute brochures.
Encourage countywide land use planning.	P&Z LCD	2015-2019	40	\$ 1,400		Provide township officials and P&Z Department with results from Natural Resources Planning Survey.
Educate and inform farmers on draining farmland.	LCD UWEX	2015-2019	120	\$ 4,200		Write one newsletter article annually.
Promote land trusts and transfer of development rights to maintain the rural landscape.	LCD UWEX	2015-2019	80	\$ 2,800		Write one newsletter article annually and distribute brochures.

It is estimated that 440 staff hours will be needed to accomplish Goal #6 at a projected cost of \$15,400 for staff salaries and fringes.

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GOAL #7 – IMPROVE AIR QUALITY IN WOOD COUNTY						
All high priority activities are highlighted in bold and shaded.						
Objective: Reduce wind erosion from cropland.						
Actions	Who	When	Estimated Staff Hours	Estimated Staff Costs	Estimated Other Costs	Outcome
Provide cost-share to farmers that install field windbreaks that reduce wind erosion.	LCD NRCS	2015-2019	200	\$ 7,000	\$ 5,000	Provide cost-share for one field windbreak annually.
Objective: Increase awareness of air quality in Wood County.						
Inform landowners and citizens regarding concerns, issues, and solutions of air quality in Wood County.	Health Dept.	2015-2019	120	\$ 4,200		Write one newsletter article annually.
It is estimated that 320 staff hours will be needed to accomplish Goal #7 at a projected cost of \$11,200 for staff salaries and fringes and an additional \$5,000 for cost share assistance.						

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GOAL #8 – IMPROVE THE QUALITY OF WOODLANDS IN WOOD COUNTY

All high priority activities are highlighted in bold and shaded.

Objective: Educate landowners on proper forestry management.

Actions	Who	When	Estimated Staff Hours	Estimated Staff Costs	Estimated Other Costs	Outcome
Refer landowners to DNR Foresters.	LCD FSA NRCS	2015-2019	30	\$ 1,050		30 landowners referred.
Educate and promote good forestry management to landowners by holding forestry field days.	DNR LCD RC&D UWEX	2015-2019	100	\$ 3,500		Field day held.
Promote tree programs for the purpose of maintaining productive forestland.	LCD DNR NRCS RC&D	2015-2019	20	\$ 700		Write one newsletter article annually.
Encourage landowners to plant trees where needed.	LCD DNR NRCS	2015-2019	100	\$ 3,500		Provide trees through annual LCD tree and shrub sale. Rent tree planting machines to interested individuals.
Consolidate information on terrestrial invasive species.	LCD DNR NRCS	2015-2019	200	\$ 7,000		Create a website.

It is estimated that 450 staff hours will be needed to accomplish Goal #8 at a projected cost of \$15,750 for staff salaries and fringes.

2015 – 2019 WOOD COUNTY WORK PLAN

SUMMARY OF ESTIMATED COSTS OVER FIVE YEARS TO ACCOMPLISH GOALS IN WORK PLAN			
GOAL	ESTIMATED STAFF HOURS	ESTIMATED SALARY & FRINGE	ESTIMATED COST-SHARE
GOAL #1 – Reduce sediment delivery to surface waters of Wood County	6,650	\$ 232,750	\$ 125,000
GOAL #2 – Reduce animal waste and nutrient delivery to surface waters and groundwater of Wood County	13,990	\$ 489,650	\$ 1,160,000
GOAL #3 – Reduce crop damage caused by wildlife in Wood County	5,530	\$ 193,500	\$ 400,000
GOAL #4 – Protect and develop wetlands and uplands for wildlife habitat in Wood County	780	\$ 27,300	\$ 50,000
GOAL #5 – Increase efforts to inventory the water resources of Wood County	1,400	\$ 49,000	N/A
GOAL #6 – Minimize the adverse effects of urban sprawl and land fragmentation in rural Wood County	440	\$ 15,400	N/A
GOAL #7 – Improve air quality in Wood County	320	\$ 11,200	\$ 5,000
GOAL #8 – Improve the quality of woodlands in Wood County	450	\$ 15,750	N/A
Estimated total costs over five years to accomplish goals in plan	29,560	\$1,034,550	\$1,740,000