



State of Wisconsin  
**Land and Water Conservation Board**

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

**Land and Water Conservation Board  
 Meeting**

**August 4, 2015**  
**9:00 a.m.-1:05p.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<br>a. Pledge of allegiance<br>b. Open meeting notice<br>c. Approval of agenda<br>d. Approval of April 7, 2015, LWCB meeting minutes<br>e. LWCB Appointments Update  |
| 9:05  | a.m. | 2 | Public appearances*<br><i>*Please complete a Public Appearance Request Card and submit it to a DATCP representative before the start of the meeting</i>   |
| 9:10  | a.m. | 3 | Report on preliminary 2016 DATCP and DNR joint allocation plan- Richard Castelnovo, DATCP; and Linda Talbot, DNR  |
| 9:40  | a.m. | 4 | Runoff Management Program; Targeted Runoff Management and Urban Nonpoint Source and Storm Water Grants- Linda Talbot, DNR<br><ul style="list-style-type: none"> <li><i>DNR's Scores and Ranked Lists of Targeted Runoff Management (TRM) and Urban Nonpoint Source and Storm Water Management Projects for CY 2016</i></li> </ul> |
| 10:10 | a.m. | 5 | Recommendation for approval of 5-year extension request for Walworth County Land and Water Resource Management Plan— Fay Amerson, Walworth County LURM  |

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

**August 4, 2015, LWCB Meeting Agenda**

|       |      |    |   |
|-------|------|----|---|
| 10:40 | a.m. | 6  | Recommendation for approval of 5-year extension request for Jefferson County Land and Water Resource Management Plan— Mark Watkins, Jefferson County LWCD |
| 11:10 | a.m. | 7  | Recommendation for approval of 5-year extension request for Winnebago County Land and Water Resource Management Plan— Tom Davies, Winnebago County LWCD   |
| 11:40 | a.m. | 8  | Recommendation for approval of 5-year extension request for Pepin County Land and Water Resource Management Plan— Chase Cummings, Pepin County LCD        |
| 12:10 | p.m. | 9  | Recommendation for approval of 5-year extension request for Marathon County Land and Water Resource Management Plan— Andy Johnson, Marathon County CPZ    |
| 12:40 | p.m. | 10 | Agency reports<br>a. FSA<br>b. NRCS<br>c. UW-CALS<br>d. UW-Extension<br>e. WLWCA<br>f. DATCP<br>g. DNR  |
| 1:00  | a.m. | 11 | Planning for October 2015 Meeting- Mark Cupp, LWCB  |
| 1:05  | p.m. | 12 | Adjourn   |

**DRAFT MINUTES  
LAND AND WATER CONSERVATION BOARD MEETING**

**April 7, 2015  
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, approval of agenda, approval of February 3, 2015 LWCB meeting minutes.**

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The meeting was called to order by Chairman Mark Cupp at 9:00 a.m. Cupp, George Mika, Dave Solin, Eric Birschbach, John Petty, Caitlin Frederick, and Mary Anne Lowndes were in attendance. A quorum was present. Advisors Kurt Calkins and Jim VandenBrook (WI Land + Water), Jimmy Bramblett (NRCS) were present. Others present included Paul Sebo, Washington County, Richard Castelnuovo and Lisa Trumble, DATCP.

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

The agenda was amended to move item #3 to a later meeting date when all members are present. Mika moved to approve the agenda as amended, Petty seconded, motion carried.

Birschbach moved to accept the February 4, 2015 meeting minutes, Frederick seconded, motion carried.

**Item #2      Public Appearances**

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No public appearance cards were submitted.

**Item #3      LWRM Plan Review Criteria and Checklist**

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Item postponed as noted above and will be considered at a future meeting.

**Item #4      Extension of DATCP-funded cost share and cooperator projects from 2014 into 2015**

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Richard Castelnuovo, DATCP, requested that the board recommend the extension of 2014 Bond and SEG grant funds for county cost-share projects and 2014 SEG grant funds for cooperators, including the University of Wisconsin-Extension, College of Agriculture and Life Sciences, the Wisconsin Land and Water Conservation Association, and Nutrient Management Farmer Education grants. DATCP will approve the exact amount of a county's extension request if the county has available funds and has not been reimbursed for the costs of the project. DATCP received 245 extension requests for bond projects, seven of which were reimbursed in 2015 leaving 238 projects to extend. DATCP received 343 SEG extension requests, 20 of which were reimbursed in 2015 leaving 323 extensions to approve. Attachments A1 and A2 of the Board memo include details concerning these extension requests, as well as a breakdown of extension requests for cooperator projects. It was noted during the discussion of this matter that three cost-share projects involving municipalities will be cost-shared at the 50% rate.

Frederick moved to extend the project funding into 2015 as requested including the extension of Bond and SEG grants for county cost-share projects in the amount of \$2,614,457.30. Mika Seconded. The motion carried.

**Item #5 LWCB recommendations regarding the biennial budget**

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DATCP provided a memo to explain the Governor's recommendations for the 2015-2017 biennial budget.

Castelnuovo reviewed the memo. DATCP's bond authorization is unchanged at \$7 million for the biennium. County staffing grant was reduced by \$815,900 per year. Of the \$2.5 million in SEG funds previously appropriated for nutrient management and contracts, \$250,000 per year is being redirected to farmer-led watershed councils. DATCP must also take lapse from a yet to be determined SEG account. After the next biennium, the Farmland Preservation Program planning grant will be phased out.

For DNR; Lowndes discussed potential funding cuts for soft practice cost-sharing and urban planning, and expects that DNR will offer the urban planning only every other year. With the potential loss of \$770,000 funds used for basin educators and other programs, DNR may be able to retain funding for a St Croix County position, but it is not clear what else DNR could fund. Both the NRB and ATCP board are proposed to be made advisory only.

Discussion took place regarding the financial condition of the nonpoint and the environmental management accounts. There is less revenue coming into these accounts in part due to less tipping fees being collected. Frederick stated that a one million dollar transfer from Ag Chem Cleanup fund to nonpoint account is not unusual for a one time transfer. Bramblett stated that when there are state budget cuts they have a ripple effect on the expenditure of NRCS conservation funds. Approximately \$65 million a year in federal funding comes in to WI for conservation efforts. Local conservation staff are needed to help do the work. Cupp inquired where money for the WI River TMDL comes from. Lowndes stated that it currently comes from EPA but that may be changing to more in house funding for the WI River.

**Item #6 Approval of County LWRM Plan Extensions**

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Lisa Trumble, DATCP, presented three year extension requests for the following counties: Lincoln, Monroe, Green Lake, Ozaukee, and Taylor.

Lincoln County stated the staff would like to work with the proposed WI River TMDL and would like to revise their plan when they have more information about the TMDL. Solin moved to recommend approval of the Lincoln County LWRM three year extension request, Petty seconded. The motion carried.

Monroe County requested a three year extension to allow for time to begin implementation of a Water Quality Phosphorus Trading plan with the city of Sparta and become active with the newly approved RCPP project with Sauk County. Mika moved to recommend approval of the Monroe County LWRM three year extension request, Petty seconded. The motion carried.

Green Lake County has a new federal program as well as a new county conservationist and needs time for the new staff to become familiar with the requirements of the plans. Birschbach moved to recommend approval of the Green Lake County LWRM three year extension request, Solin seconded. The motion carried.

Ozaukee would like time to incorporate the nine key elements into its plan. Frederick moved to recommend approval of the Ozaukee County LWRM three year extension request, Mika seconded. The motion carried.

Taylor County had staffing changes and would like time for new staff to become familiar with the plan requirements and processes. Mika moved to recommend approval of the Taylor County LWRM three year extension request, Solin seconded. The motion carried.

**Item #7 Recommendation for Approval of Five-Year Extension Request for Washington County LWRM Plan**

Paul Sebo, Washington County LWCD, presented the five year extension request. The LWCD is part of the planning and parks department. The county is considering merging planning and parks with other department to become a public works department.

Eight key water resource issues are addressed in the plan. Regarding work performed in the past five years, the county identified the following by category:

- I&E activities focused on youth and adults: 169 events have been held with 4960 people attending.
- Technical assistance: 26 conservation plans covering 6,188 acres; 131 NM plans on 42,032 acres; 68 BMP's installed. 2012 was the busiest construction season totaling \$1.5 million in expenditures.
- Conservation Compliance: 58 NR151 farm evaluations for a total of 282 evaluations. 75% are in full compliance. The county no longer has a farmland preservation program through zoning. There are only a handful of "old agreements". Ten whole farm compliance checks were made in 2014.
- Permits: 14 new manure storage permits, 6 abandonment permits, and 55 erosion control and storm water management permits issued, with inspections of 169 practices on 79 sites.

The county has a well water level monitoring program. Sebo noted the new "T" factors are causing problems, soils have gone from a "T" of 5 down to 2. He also noted that livestock operations are getting larger, and the county has six CAFOs.

Birschbach moved to recommend approval of the Washington County LWRM 5 year extension request, Mika seconded. The motion carried.

**Item # 8 Agency Reports**

NRCS- NCRS submitted a written report. Bramblett noted that the SOC has released its draft 590 revision for public comment. Comments due April 30<sup>th</sup>.

**WI LAND+WATER-** VandenBrook reported that March 11<sup>th</sup> a number of resolutions were adopted at the annual business meeting. Producer led water protection grants are being discussed. Pierce, St. Croix, Dunn, and Polk are currently working with producer groups. Important to keep the LCD connection in the budget language. A meeting was held April 1 in Green Bay to discuss phosphorus issues in the lake. Over 150 people attended the meeting that was organized by Congressman Reid Ribble. Secretary Stepp and Russ Rasmussen were there from DNR and Bramblett from NRCS. New employee training will be held May 7 at DATCP.

Calkins commented that priorities have been set within the farmer led groups. Secretary Brancel has discussed the issue of counties knowing who is taking the FPP credits. A possible solution may be to add a line to the FC-A from.

**DATCP-** DATCP submitted a written report that included a copy of 2014 transfers from the NOD/NOI reserve. There have been positive comments regarding FPP tax claimants.

**DNR-**Lowndes reported DNR urban construction and TRM grant applications are due soon. Funding for the two grants are down to \$1 million. For counties with a TMDL the DNR has developed a model ordinance, it is posted on their website. An Adaptive Management/Trading manual is being developed. A webinar will be held on April 21<sup>st</sup> to review SNAP+ relations to Adaptive Management.

**LWCB-** Cupp has been in contact with the Governor's office and the new appointments director with regards to board appointments and is looking for a replacement for Caneff. Leary's term has expired and she has offered to continue until someone is found to replace her. Cupp asked the group to share names of persons who might have interest in an appointment.

**Item #9      Planning for June 2015 Meeting**

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- Budget updates
- 4 plan extension requests
- Manure Irrigation task force report (June or August)
- WI River TMDL update (June or August)

The Board's June meeting may be a teleconference or if there are only a few items, the meeting may be postponed and the items carried over until its August meeting.

**Item #10      Adjourn Meeting**

Frederick moved to adjourn, Petty seconded. The meeting was adjourned at 10:50 am.

Respectfully submitted,

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Erich Birschbach, Secretary

Date

Recorder: LKT

**CORRESPONDENCE/MEMORANDUM**

**DATE:** July 22, 2015

**TO:** Land and Water Conservation Board (LWCB) and Advisors

**FROM:** Mary Anne Lowndes *Mary Anne Lowndes*  
Runoff Management Section, DNR

**SUBJECT:** DNR Proposed Scoring of Targeted Runoff Management (TRM) Applications for Calendar Year (CY) 2016 Funding

**Recommended Action:** This is an informational item.

**Summary:** The DNR, pursuant to s. 281.65(4c)(b), Wis. Stats., is informing the Land and Water Conservation Board through this memo of Targeted Runoff Management grant application scores for projects to be considered for CY 2016 grant funding. Scoring results for projects being considered for CY 2016 funding are presented in the attached tables.

Chapter NR 153, Wis. Adm. Code, which governs the TRM Grant Program, became effective on January 1, 2011, and includes four separate TRM project categories as noted below. Projects are scored and ranked against other projects in the same category. Once total available funding is determined, funds will be allocated among the four project categories. The maximum possible awards are \$150,000 for Small-Scale projects and \$1,000,000 for Large-Scale projects.

Scoring and Ranking Summary to Date:

A. Small-Scale Total Maximum Daily Load (TMDL)

- Three applications were submitted and are eligible for consideration.
- Funding requests for the applications total \$388,000.

B. Small-Scale Non-TMDL

- Twenty-six applications were submitted for consideration and twenty-three are eligible.
- Funding requests for the applications total \$3,024,592.

C. Large-Scale TMDL

- One application was submitted and is eligible for consideration.
- Funding request for the application totals \$1,000,000.

D. Large-Scale Non-TMDL

- One application was submitted and is eligible for consideration.
- Funding request for the application totals \$805,135.

The following process is used to score and rank projects and make funding decisions:

1. All projects are scored and then ranked by score for each project category.
2. For Small-Scale TMDL and Small-Scale Non-TMDL applications only, the highest scoring application from each DNR region that is above the median score in each of the two project categories is identified and moved to the top of the ranked list.
3. Selection of applications for funding continues based on rank order, regardless of location, until funds are exhausted.

The attached tables show the current rank order of applications. However, a requirement in s. NR 153.20(2)(d)3.b., Wis. Adm. Code, states that no one applicant may receive multiple grants that exceed 20% of the total available funding in a given project category. Applicants on the ranked list whose total funding requests exceed 20% of the total available funding will be awarded funds for the projects that do not exceed 20% and the balance of the applicant's requests will be moved to the bottom of the ranked list; additional funding is provided only after all other eligible projects have first been funded. Therefore, adjustments to the rank order may be made once total available funding is determined.

Once the *2016 Joint Final Allocation Plan* is signed, DNR will develop grant agreements for successful applications. During the grant agreement development process, funding amounts may be adjusted as necessary to reflect final cost-share rates and eligible project components.

**Materials Provided:** *Small-Scale TRM Scoring by Project Category & Rank for CY 2016 and Large-Scale TRM Scoring by Project Category & Rank for CY 2016*

## Small-Scale TRM Scoring by Project Category & Rank for CY 2016

Maximum possible points = 198.95

| Small-Scale TMDL Applications |                   |                            |        |             |               |                             |                          |                         |  |
|-------------------------------|-------------------|----------------------------|--------|-------------|---------------|-----------------------------|--------------------------|-------------------------|--|
| Rank                          | Applicant Name    | Project Name               | Region | Final Score | Region Boost* | Total Eligible Project Cost | State Share \$ Requested | Cumulative \$ Requested |  |
| 1                             | Washington County | Moritz Clean Water Project | SER    | 129.0       | Yes           | \$140,000                   | \$98,000                 | \$98,000                |  |
| 2                             | Outagamie County  | Steffens Family Farm       | NER    | 113.8       | Yes           | \$201,652                   | \$140,000                | \$238,000               |  |
| 3                             | Columbia County   | DND Family Dairy LLC       | SCR    | 100.8       | No            | \$495,000                   | \$150,000                | \$388,000               |  |
|                               |                   |                            |        |             | <b>Totals</b> | <b>\$836,652</b>            | <b>\$388,000</b>         |                         |  |

\*Region Boost with score equal to or greater than median of 113.8

| Small-Scale Non-TMDL Applications |                  |   |        |             |               |                             |                          |                         |  |
|-----------------------------------|------------------|---|--------|-------------|---------------|-----------------------------|--------------------------|-------------------------|--|
| Rank                              | Applicant Name   | Project Name                                      | Region | Final Score | Region Boost* | Total Eligible Project Cost | State Share \$ Requested | Cumulative \$ Requested |  |
| 1                                 | Waupaca County   | Maple Creek - Fietzer Farms Inc.                  | NER    | 140.0       | Yes           | \$311,915                   | \$109,415                | \$109,415               |  |
| 2                                 | La Crosse County | Manke Farm Manure Storage Improvements            | WCR    | 135.5       | Yes           | \$553,212                   | \$150,000                | \$259,415               |  |
| 3                                 | Oconto County    | SKusch  | NER    | 139.7       | No            | \$80,636                    | \$56,445                 | \$315,860               |  |
| 4                                 | Marathon County  | Langenhahn Manure Storage Project                 | WCR    | 134.2       | No            | \$286,300                   | \$150,000                | \$465,860               |  |
| 5                                 | Outagamie County | Singler Beef Farm                                 | NER    | 132.6       | No            | \$192,642                   | \$133,500                | \$599,360               |  |
| 6                                 | Marathon County  | Matt Hartwig Barnyard Runoff Control Project      | WCR    | 127.6       | No            | \$216,500                   | \$150,000                | \$749,360               |  |
| 7                                 | Outagamie County | Schroth Dairy Farm                                | NER    | 123.7       | No            | \$166,556                   | \$115,500                | \$864,860               |  |
| 8                                 | Waupaca County   | Cedar Creek - Bakake Acres, LLC Manure Management | NER    | 123.2       | No            | \$236,115                   | \$150,000                | \$1,014,860             |  |
| 9                                 | Kewaunee County  | Nick DeBaker Manure Storage                       | NER    | 118.7       | No            | \$114,923                   | \$80,446                 | \$1,095,306             |  |
| 10                                | Shawano County   | Retzlaff Ag Waste Project                         | NER    | 117.7       | No            | \$204,346                   | \$143,042                | \$1,238,348             |  |

| Small-Scale Non-TMDL Applications |                    |   |        |             |               |                             |                          |                         |  |
|-----------------------------------|--------------------|---|--------|-------------|---------------|-----------------------------|--------------------------|-------------------------|--|
| Rank                              | Applicant Name     | Project Name  | Region | Final Score | Region Boost* | Total Eligible Project Cost | State Share \$ Requested | Cumulative \$ Requested |  |
| 11                                | Marinette County   | Bauer Manure Management Project                               | NER    | 117.7       | No            | \$215,175                   | \$150,000                | \$1,388,348             |  |
| 12                                | Kewaunee County    | Deimar Pekarek Manure Storage                                 | NER    | 116.5       | No            | \$208,965                   | \$146,276                | \$1,534,624             |  |
| 13                                | Kewaunee County    | Boeder Farms Manure Storage                                   | NER    | 112.4       | No            | \$158,006                   | \$110,604                | \$1,645,228             |  |
| 14                                | Trempealeau County | Edmund Halama Inc. - Regulatory Animal Waste Storage Facility | WCR    | 112.2       | No            | \$214,285                   | \$150,000                | \$1,795,228             |  |
| 15                                | Marinette County   | Kaufman Manure Management Project                             | NER    | 111.1       | No            | \$274,309                   | \$150,000                | \$1,945,228             |  |
| 16                                | Kewaunee County    | Lambrecht Farms Manure Storage                                | NER    | 110.2       | No            | \$147,377                   | \$103,164                | \$2,048,392             |  |
| 17                                | Kewaunee County    | Stephanie Berger Manure Storage                               | NER    | 109.2       | No            | \$135,175                   | \$94,623                 | \$2,143,015             |  |
| 18                                | Kewaunee County    | Steve Martin Manure Storage                                   | NER    | 107.1       | No            | \$190,110                   | \$133,077                | \$2,276,092             |  |
| 19                                | Columbia County    | D&A Acres LLC   | SCR    | 106.1       | No            | \$331,000                   | \$150,000                | \$2,426,092             |  |
| 20                                | Outagamie County   | Harvey Albert   | NER    | 101.6       | No            | \$266,350                   | \$148,500                | \$2,574,592             |  |
| 21                                | Trempealeau County | Troy Woyczik - Animal Waste Storage Facility                  | WCR    | 101.2       | No            | \$214,285                   | \$150,000                | \$2,724,592             |  |
| 22                                | Trempealeau County | Jeff Wegner - Animal Waste Storage Facility                   | WCR    | 100.1       | No            | \$335,300                   | \$150,000                | \$2,874,592             |  |
| 23                                | Marinette County   | Hoffman Happy Holsteins Manure Management                     | NER    | 99.0        | No            | \$504,805                   | \$150,000                | \$3,024,592             |  |
|                                   |                    |   |        |             | Totals        | \$5,558,287                 | \$3,024,592              |                         |  |

\*Region Boost with score equal to or greater than median of 116.5.

**All Small-Scale Grand Total Requested: \$3,412,592**

## Large-Scale TRM Scoring by Project Category & Rank for CY 2016

Maximum possible points = 226.55

| Large-Scale TMDL Applications |   |                                |                 |             |  |   |                                    |  |                                    |                                   |                           |
|-------------------------------|---|--------------------------------|-----------------|-------------|--|---|------------------------------------|--|------------------------------------|-----------------------------------|---------------------------|
| Rank                          | Applicant Name                                    | Project Name                   | Region          | Final Score | Total Project Cost (Local Assistance & BMPs) | State Share Local Assistance Amount Requested | State Share Structural BMP Request | State Share Cropping Practices Request | Total State Share Amount Requested | State Share Amount Proposed Award | Cumulative Proposed Award |
| 1                             | Cedar Lake Protection and Rehabilitation District | Cedar Lake TMDL Implementation | WCR Polk County | 109         | \$2,230,000                                  | \$0   | \$28,000                           | \$972,000                              | \$1,000,000                        |                                   |                           |
| <b>Totals</b>                 |   |                                |                 |             | <b>\$2,230,000</b>                           | <b>\$0</b>                                    | <b>\$28,000</b>                    | <b>\$972,000</b>                       | <b>\$1,000,000</b>                 |                                   |                           |

| Large-Scale Non-TMDL Applications |                 |                                 |        |             |  |   |                                    |  |                                    |                                   |                           |
|-----------------------------------|-----------------|---------------------------------|--------|-------------|--|---|------------------------------------|--|------------------------------------|-----------------------------------|---------------------------|
| Rank                              | Applicant Name  | Project Name                    | Region | Final Score | Total Project Cost (Local Assistance & BMPs) | State Share Local Assistance Amount Requested | State Share Structural BMP Request | State Share Cropping Practices Request | Total State Share Amount Requested | State Share Amount Proposed Award | Cumulative Proposed Award |
| 1                                 | Marathon County | Fenwood Creek Watershed Project | WCR    | 124.3       | \$1,491,550                                  | \$39,825                                      | \$739,935                          | \$25,375                               | \$805,135                          |                                   |                           |
| <b>Totals</b>                     |                 |                                 |        |             | <b>\$1,491,550</b>                           | <b>\$39,825</b>                               | <b>\$739,935</b>                   | <b>\$25,375</b>                        | <b>\$805,135</b>                   |                                   |                           |

**All Large-Scale Grand Total Requested      \$1,805,135**

**CORRESPONDENCE/MEMORANDUM**

**DATE:** July 22, 2015

**TO:** Land and Water Conservation Board (LWCB) and Advisors

**FROM:** Mary Anne Lowndes *Mary Anne Lowndes*  
Runoff Management Section, DNR

**SUBJECT: DNR Proposed Scoring of Urban Nonpoint Source & Storm Water Management (UNPS) Applications for Calendar Year (CY) 2016 Funding**

**Recommended Action:** This is an informational item.

**Summary:** The DNR is informing the Land and Water Conservation Board through this memo of Urban Nonpoint Source & Storm Water Management grant application scores for projects to be considered for CY 2016 grant funding. Scoring results for projects being considered for CY 2016 funding are presented in the attached tables.

The Department of Natural Resources funds UNPS projects under s. 281.66, Wis. Stats. The purpose of this program is to control polluted runoff from urban project areas. Funds may be used for two types of projects: 1. Construction projects (may also include land acquisition) and 2. Planning projects. Each project type has its own application process and funding source. Consequently, construction projects and planning projects do not compete against each other for funding.

Scoring and Ranking Summary to Date:

UNPS – Construction Projects

The maximum state cost share per successful application is \$150,000. An additional \$50,000 is available for property acquisition, if applicable.

- Seventeen applications were submitted for consideration and sixteen are eligible for funding.
- Total grant requests for these applications total \$1,510,974.

UNPS – Planning Projects

The maximum state cost share per successful application is \$85,000.

- Thirty-seven applications were submitted and are eligible for consideration.
- Total grant requests for these applications total \$1,936,439.

The attached tables show the current rank order of applications. However, a requirement in s. NR 155.20(2)(b), Wis. Adm. Code, states that no one applicant may receive more than 20% of the total available funding. Applicants on the ranked list whose total funding requests exceed 20% of the total available funding will be awarded funds for the projects that do not exceed 20% and the balance of the applicant's requests will be moved to the bottom of the ranked list; additional funding is provided only after all other eligible projects have first been funded. Therefore, adjustments to the rank order may be made once total available funding is determined.

Once the *2016 Joint Final Allocation Plan* is signed, DNR will develop grant agreements for successful applications. During the grant agreement development process, funding amounts may be adjusted as necessary to reflect final cost-share rates and eligible project components.

**Materials Provided:** *UNPS-Construction Scoring and Rank for CY 2016 and UNPS-Planning Scoring and Rank for CY 2016*

## UNPS-Planning Scoring and Rank for CY 2016

Maximum possible points = 163.9

| Rank | Applicant Name          | Project Name   | Region | Final Score | Total Eligible Project Cost | Amount Requested | Cumulative Requested |
|------|-------------------------|--|--------|-------------|-----------------------------|------------------|----------------------|
| 1    | Bloomfield, Village     | Village of Bloomfield Storm Water Management Plan                          | SER    | 123.8       | \$77,598                    | \$48,857         | \$48,857             |
| 2    | Sherwood, Village       | Sherwood MS4 Planning  | NER    | 121.4       | \$122,950                   | \$79,050         | \$127,907            |
| 3    | Algoma, Town            | Algoma MS4 Planning  | NER    | 119.9       | \$121,500                   | \$85,000         | \$212,907            |
| 4    | Elkhorn, City           | City of Elkhorn Storm Water Management Plan                                | SER    | 117.4       | \$141,373                   | \$80,000         | \$292,907            |
| 5    | Waterford, Town         | Town of Waterford Storm Water Management Plan                              | SER    | 115.1       | \$77,160                    | \$49,902         | \$342,809            |
| 6    | Fond du Lac, City       | Fond du Lac - TMDL Stormwater Plan   | NER    | 114.4       | \$134,500                   | \$85,000         | \$427,809            |
| 7    | Washington County       | Washington County Urban Storm Water Palnning Project                       | SER    | 114.4       | \$34,251                    | \$18,975         | \$446,784            |
| 8    | St. Francis, City       | St. Francis City-Side Stormwater Quality Management Plan Update            | SER    | 113.1       | \$98,000                    | \$65,000         | \$511,784            |
| 9    | Greenfield, City        | Greenfield City-Wide Stormwater Quality Management Plan Update             | SER    | 112.4       | \$120,000                   | \$80,000         | \$591,784            |
| 10   | Calumet County          | Calumet MS4 Stormwater Management Update                                   | NER    | 111.5       | \$30,470                    | \$15,200         | \$606,984            |
| 11   | Mount Pleasant, Village | Southeast Wisconsin Clean Water Network Information and Education Campaign | SER    | 109.2       | \$161,133                   | \$80,000         | \$686,984            |
| 12   | Stoughton, City         | Stoughton - TMDL Stormwater Plan   | SCR    | 108.9       | \$99,800                    | \$63,872         | \$750,856            |
| 13   | Saukville, Village      | Village of Saukville - Storm Water Management Plan                         | SER    | 107.8       | \$119,053                   | \$83,337         | \$834,193            |
| 14   | Cedarburg, City         | Cedarburg City-Wide Stormwater Quality Management Plan Update              | SER    | 104.7       | \$66,000                    | \$46,000         | \$880,193            |

## UNPS-Planning Scoring and Rank for CY 2016

Maximum possible points = 163.9

| Rank | Applicant Name                           | Project Name   | Region | Final Score | Total Eligible Project Cost | Amount Requested | Cumulative Requested |
|------|--|--|--------|-------------|-----------------------------|------------------|----------------------|
| 15   | Hudson, City                             | City of Hudson Storm Water Management and Master Planning                                | WCR    | 104.5       | \$147,000                   | \$85,000         | \$965,193            |
| 16   | Brookfield, City                         | Citywide Stormwater Pollutant Reduction Plan   | SER    | 103.7       | \$121,500                   | \$85,000         | \$1,050,193          |
| 17   | Middleton, Town                          | Town of Middleton Stormwater Master Plan Update  | SCR    | 103.4       | \$55,000                    | \$33,000         | \$1,083,193          |
| 18   | Kewaskum, Village                        | Village of Kewaskum - Storm Water Management Plan  | SER    | 103.0       | \$121,373                   | \$84,961         | \$1,168,154          |
| 19   | Beaver Dam, City                         | City of Beaver Dam Storm Sewer Database Update   | SCR    | 101.2       | \$43,850                    | \$21,925         | \$1,190,079          |
| 20   | Clayton, Town                            | Town of Clayton CY2015/16 MS4 Planning Grant   | NER    | 100.9       | \$61,000                    | \$38,000         | \$1,228,079          |
| 21   | Dunn, Town                               | Town of Dunn - TMDL Stormwater Plan  | SCR    | 100.1       | \$65,400                    | \$45,780         | \$1,273,859          |
| 22   | Wisconsin Rapids, City                   | Wisconsin Rapids - Stormwater Management Plan Update                                     | WCR    | 99.1        | \$78,571                    | \$39,286         | \$1,313,145          |
| 23   | Fort Atkinson, City                      | Citywide Stormwater Management Plan Update   | SCR    | 96.8        | \$81,660                    | \$57,162         | \$1,370,307          |
| 24   | Ixonia, Town                             | Town of Ixonia WPDES Permit Compliance   | SCR    | 95.7        | \$67,083                    | \$46,000         | \$1,416,307          |
| 25   | St. Joseph, Town                         | St. Joseph MS4 Planning  | WCR    | 94.0        | \$105,700                   | \$73,990         | \$1,490,297          |
| 26   | Bellevue, Village                        | Update Village of Bellevue Urban Stormwater Plan   | NER    | 92.4        | \$69,600                    | \$34,800         | \$1,525,097          |
| 27   | Waupun, City                             | City of Waupun Citywide Stormwater Planning 2016   | NER    | 91.9        | \$65,700                    | \$42,705         | \$1,567,802          |
| 28   | Milwaukee Metropolitan Sewerage District | "Respect Our Waters" Nonpoint Source Educational Campaign for Great Milwaukee Watersheds | SER    | 91.7        | \$163,000                   | \$80,000         | \$1,647,802          |

## UNPS-Planning Scoring and Rank for CY 2016

Maximum possible points = 163.9

| Rank | Applicant Name      | Project Name  | Region        | Final Score | Total Eligible Project Cost | Amount Requested   | Cumulative Requested |
|------|---------------------|---|---------------|-------------|-----------------------------|--------------------|----------------------|
| 29   | Scott, Town         | Town of Scott TMDL Storm Water Management Plan                      | NER           | 91.3        | \$45,900                    | \$32,130           | \$1,679,932          |
| 30   | DeForest, Village   | Village of DeForest Storm Water Master Plan                         | SCR           | 91.0        | \$74,500                    | \$52,150           | \$1,732,082          |
| 31   | Green Lake, City    | City of Green Lake Stormwater Impact Study and Management Plan      | NER           | 89.1        | \$41,495                    | \$26,495           | \$1,758,577          |
| 32   | Eden, Village       | Village of Eden MS5 Planning  | NER           | 88.6        | \$29,100                    | \$20,000           | \$1,778,577          |
| 33   | Green Bay - UW      | Board of Regents MS4 Renewal - UW Green Bay                         | NER           | 77.2        | \$52,500                    | \$35,525           | \$1,814,102          |
| 34   | Watertown, City     | City of Watertown Erosion Control and Storm Water Ordinances Update | SCR           | 77.0        | \$40,000                    | \$27,999           | \$1,842,101          |
| 35   | Harmony, Town       | Rock County Town Consortium - Stormwater Management Plan Update     | SCR           | 73.1        | \$63,000                    | \$40,950           | \$1,883,051          |
| 36   | Deerfield, Village  | Deerfield Stormwater Utility Implementation                         | SCR           | 67.0        | \$5,000                     | \$3,500            | \$1,886,551          |
| 37   | West Salem, Village | Village of West Salem Storm Water Management                        | WCR           | 66.0        | \$73,365                    | \$49,888           | \$1,936,439          |
|      |                     |   | <b>Totals</b> |             | <b>\$3,075,085</b>          | <b>\$1,936,439</b> |                      |

## UNPS-Construction Scoring and Rank for CY 2016

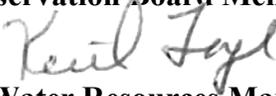
Maximum possible points = 168.3

| Rank | Applicant Name        | Project  | Region        | Final Score | Total Eligible Project Cost | Amount Requested   | Cumulative Requested |
|------|-----------------------|--|---------------|-------------|-----------------------------|--------------------|----------------------|
| 1    | Rice Lake, City       | West South Street Storm Water Pond and Outfall             | NOR           | 143.0       | \$246,636                   | \$101,120          | \$101,120            |
| 2    | Fort Atkinson, City   | Larsen Lagoon Retrofit                                     | SCR           | 130.9       | \$762,557                   | \$150,000          | \$251,120            |
| 3    | Beaver Dam, City      | Watermark Project Permeable Pavement Installation          | SCR           | 113.3       | \$29,770                    | \$14,885           | \$266,005            |
| 4    | Neenah, City          | Commerce Court Pond Expansion and Storm Sewer Installation | NER           | 110.3       | \$240,000                   | \$80,000           | \$346,005            |
| 5    | Wauwatosa, City       | Replacement of Stormwater Inlets with Catch Basins         | SER           | 105.6       | \$299,800                   | \$149,900          | \$495,905            |
| 6    | De Pere, City         | Optimist Park Storm Water Pond                             | NER           | 105.6       | \$225,475                   | \$112,738          | \$608,643            |
| 7    | Menomonie, City       | City of Menomonie 17th Street Storm Water Pond             | WCR           | 104.6       | \$295,000                   | \$147,000          | \$755,643            |
| 8    | Fitchburg, City       | Lacy Heights Bioretention Facility                         | SCR           | 101.2       | \$26,300                    | \$10,520           | \$766,163            |
| 9    | Port Washington, City | Breakwater Gateway Project - SW BMP Task                   | SER           | 100.1       | \$251,700                   | \$125,850          | \$892,013            |
| 10   | Milwaukee, City       | North 76th Street Bioswale Project                         | SER           | 97.3        | \$230,000                   | \$90,000           | \$982,013            |
| 11   | Waukesha County       | Fox Brook Park Wet Detention Basin                         | SER           | 91.3        | \$30,000                    | \$15,000           | \$997,013            |
| 12   | Oconomowoc, City      | Street Maintenance Project (Street Sweeper)                | SER           | 88.0        | \$55,000                    | \$27,500           | \$1,024,513          |
| 13   | Oconomowoc, City      | Fowler Lake Shoreline Restoration and Bioretention Basin   | SER           | 85.8        | \$261,957                   | \$130,979          | \$1,155,492          |
| 14   | Sussex, Village       | Main Street Storm Pond                                     | SER           | 81.4        | \$346,317                   | \$150,000          | \$1,305,492          |
| 15   | Milwaukee County      | North Point Lighthouse Green Infrastructure Train          | SER           | 77.0        | \$171,332                   | \$85,666           | \$1,391,158          |
| 16   | Ashland, City         | Bayview Park Storm Water (CD- Repair) Project              | NOR           | 70.0        | \$239,632                   | \$119,816          | \$1,510,974          |
|      |                       |  | <b>Totals</b> |             | <b>\$3,711,476</b>          | <b>\$1,510,974</b> |                      |

**CORRESPONDENCE/MEMORANDUM**\_\_\_\_\_ **State of Wisconsin**

**DATE:** July 22, 2015

**TO:** Land and Water Conservation Board Members and Advisors

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

**SUBJECT:** Request for five-year extension of the Walworth County Land and Water Resource Management plan

**Recommended Action:** Staff requests the LWCB to recommend approval of Walworth County's request to extend the expiration date of the county land and water resource management plan until December 31, 2020.

**Summary:** The land and water resource management plan for Walworth County is currently approved through December 31, 2015. In order to maintain eligibility for grant funding through the soil and water resource management grant program, Walworth County must receive approval of an updated plan or approval of a request to extend the plan expiration date before December 31, 2015.

The Walworth County land and water resource management plan was last approved in 2010 with an expiration date of 2015. At that time, the plan was written with a 10-year planning horizon. Walworth County has completed the appropriate extension request form, guidance checklist, and provided an updated plan of work that will cover activities during the five year extension period. The presentation to LWCB members will provide detailed information on the county's accomplishments over the last five years of the plan implementation.

**Materials Provided:**

Walworth County extension request materials:

- *4 to 5 year Extension Request form*
- *County-prepared LWCB checklist*
- *Walworth County LWRM Plan of Work 2015-2020*

**Presenters:** Fay Amerson, Walworth County Urban Program Specialist



Land and Water Conservation Board  
County Land and Water Resource Management Plan  
Form to Request Extensions of 4 or 5 Years

**County:** Walworth County

**Extension request:**  4 years  5 years

**Reason for request:** The Walworth County Land and Water Resource Management Plan, adopted by Walworth County Board of Supervisors on 2/9/2010, identifies natural resource management issues and concerns based on development, agricultural and recreational use trends through 2020. The plan was developed with guidance from a diverse and visionary advisory committee to be a blueprint through 2020, with the understanding the work plan would be reviewed annually and up-dated to cover 2016 through 2020. The goals and objectives contained in the current Land and Water Resource Management Plan continue to be viable and respond to the land and water conservation and natural resource concerns and issues addressed by Walworth County residents and elected officials.

**Requirements for a four or five year extension**

1. Describe your county's progress in meeting planned goals and activities (e.g., nutrient management, water quality, FPP, etc) by listing key benchmarked activities pursued over the last five years.<sup>1</sup>
  1. Achieved compliance with NR 151 by assisting Walworth County farm operators prepare and implement 135 resource management and nutrient management plans, complying with Field Office Technical Guide Standards and covering over 60,500 acres.
  2. Best management practice design and construction assistance provided to over 150 farm operators.
  3. Processed 2055 construction site erosion control and storm water management permits and conducted 3422 compliance inspections.
  4. The spread of aquatic invasive species was minimized by educating 4737 boaters using Walworth County launches.
  5. Walworth County was awarded a "Silver Star" through the Wisconsin Water Star Program in 2014.
  6. Each year 24 Nonmetallic Mining Sites were inspected for compliance with approved reclamation plans, contemporaneous reclamation requirements and financial assurance.
  7. An up-date to the Walworth County Farmland Preservation Plan was prepared and approved by the Walworth County Board of Supervisors on July 13, 2012.
  8. Over 130 public informational and educational events were sponsored to educate farmers, landscapers, boaters, residents, developers, contractors and elected officials about a diverse resource conservation and management needs and opportunities.

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<sup>1</sup> Approval of this request requires a presentation to the LWCB to provide a detailed presentation identifying benchmarked activities and your progress in achieving the benchmark over the last five years.

elements to reflect a ten year planning horizon. An updated priority farm strategy may also be attached, if necessary.<sup>2</sup>

3. Attach an updated work plan that covers planned activities during the four of five year extension period you have requested.

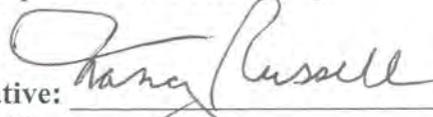
**Has your Land Conservation Committee approved this request?**  Yes  No

Date approved: May 18, 2015

If no, approval expected by: \_\_\_\_\_ (date of next LCC meeting)

**Additional Comments** (please limit response to two sentences):

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



**Date:** 7/7/15

Chairman, Walworth Co. Board of Supervisors  
Chairman, Walworth Co. Land Conservation Committee

Send completed form and attachments to:  
[Lisa.Trumble@wi.gov](mailto:Lisa.Trumble@wi.gov)

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<sup>2</sup> Guidance checklist available at: <http://datcp.wi.gov/uploads/Environment/doc/GuidanceChecklist.doc>



## **Walworth County-prepared checklist to determine compliance with criteria for a LWCB recommendation for a 10-year approval and 5-year extension<sup>1</sup>**

### **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.<sup>1</sup>

|  |  |  |
|--|--|--|
| 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 | Land and Water Resource Management Plan: <b>LWRMP</b><br><br>Work Plan: <b>WP</b>  |
| a. Implementation of performance standards for farms   | Yes  | LWRMP Pages 6, 7 & 96, Appendix G<br>WP: Pages 1, 2 & 8  |
| b. Implementation of stormwater management and related urban standards   | Yes  | LWRMP: Page 99 and 100<br>WP: Pages 3, 4, & 5  |
| c. Farmland Preservation conservation compliance   | Yes  | LWRMP: Page 98<br>WP: Pages 1 & 8  |
| d. Groundwater protection: quality and quantity  | Yes  | WP: Pages 10,11, & 12  |
| e. Permit and ordinance administration   | Yes  | LWRMP: Pages 98 & 99<br>WP: 2, 3 & 4   |
| f. Lake and stream protection (e.g. shoreline protected, invasive species management)  | Yes  | LWRMP: Pages 79, 80, 7 100<br>WP: Pages 86 & 87  |
| g. Watershed protection (e.g. phosphorus reduction/trading, TMDL, nitrogen management)   | Yes  | LWRMP: Pages 80, Appendices, B, C, & D<br>WP: Pages 13 and 14  |
| h. Program evaluation and monitoring   | Yes  | LWRMP: Pages, 7, 107, 108 & 109<br>WP: All actions include a progress assessment to monitor progress   |
| i. Spending of state cost-share funds  | Yes  | LWRMP: Page 97, 98, 101 & 102<br>WP: Page 2, 12, 14. All actions include a source of funding.  |
| j. Forestry management   | Yes  | LWRMP: Page 80<br>WP: Pages 9, 11 and 12   |
| 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? | Yes  | LWRMP: Chapter VII Information and Education Strategy . Pages 103-107 Chapter VIII, Monitoring LWRMP Implementation and Success. Pages 108-109.<br>WP: All actions include an objective, activities, staff and agency assignment, timeframe, targeted outcome and progress assessment. |
| 3. Does the county’s priority farm strategy include the following items?   |  |  |

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

|  |     |  |
|--|-----|--|
| a. Effectively implement state performance standards and conservation practices on farms   | Yes | LWRMP: Pages 6, 7, 96, 97, 98 & Appendix G.<br>WP: Pages 1, 2, & 8 |
| b. Identify the specific conditions such as cropland nutrient runoff that will be addressed  | Yes | LWRMP: Pages 6, 7 & 96, Appendix G.<br>WP: Pages 1, 2, and 14      |
| c. Provide an adequate framework to evaluate whether the county is making reasonable progress in implementing all high priority activities | Yes | LWRMP: Pages, 7, 8 108 and 109<br>WP: 1, 2, 8, and 14              |

**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.<sup>1</sup>

|   |  |   |
|---|--|---|
| 1. Please answer the following regarding each element of your planning process.   | If “yes,” list the page numbers in the plan or work plan | Land and Water Resource Management Plan: <b>LWRMP</b><br><br>Work Plan: <b>WP</b>   |
| a. The local advisory committee specifically considered this longer time horizon when they made their recommendations   | Yes  | LWRMP: Page 1<br><br>WP: Up-dated LWRMP Work Plan (2016-2020) adopted by the Walworth County LCC on May 18, 2015  |
| 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.   | Yes  | LWRMP: Pages 74, 75, 76, 77, 78, 79, & 80.  |
| c. The planning documents make a reasonable attempt to forecast applicable trends for a period of at least 10 years into the future.  | Yes  | LWRMP: Chapter III, Pages 66-76   |
| 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.                               | Yes  | LWRMP: Chapter IV, Pages 77-80<br><br>WP: An up-dated work plan was prepared and adopted by the Walworth County LCC on May 18, 2015.  |
| 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 | Yes  | LWRMP: Page 108 and 109<br><br>WP: An updated WP was prepared and approved by the Walworth County LCC on May 18, 2015 and includes updated activities to address new opportunities. |

**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.

**Revised October 1, 2013**

# Walworth County Land and Water Resource Management Plan: 5-Year Work Plan (2016-2020)

The Walworth County Land Use and Resource Management Department (LURM) developed this Work Plan based on the goals and objectives contained the Walworth County LWRMP. The Work Plan will be reviewed annually and amended, if needed, to accommodate changing programs, polices, funding availability and opportunities.

## Goal #1 Protect Walworth County Lakes, Streams, Wetlands and Groundwater from Agricultural Runoff Pollution.

| Objectives  | Actions  | Who                              | When Target Priority                           | Staff Hours Costs (\$) Staff  | Source of Funding  | Progress Assessment   |
|---|--|----------------------------------|--|---|--|---|
| <b>1. Implement State Agricultural Runoff Performance Standards and Prohibitions, pursuant to NR 151.</b>                       | 1. Continue to examine Walworth County agricultural lands & assess compliance status with NR 151. Priority: 1) Landowners participating in the farmland preservation program; 2) Farmlands identified in Jackson Creek Watershed Protection Plan and Delavan Lake Watershed Plan; 3) Farms identified in Rock River Recovery TMDL Plan or other approved TMDL plans. | LURM, DNR, NRCS                  | Annually<br>60 farms/year<br><b>HIGH</b>       | 1000 hrs./yr.<br>\$41,490./yr.<br><b>ADM</b><br><b>Sr. R.TECH.</b><br><b>R. Tech.</b> | COUNTY<br>DATCP<br>WDNR<br>Local Units of Government, WWTP and NCOs<br>TRM Grant Funding | # of farms assessed<br><br>Tracking system  |
|   | 2. Assist landowners prepare and implement conservation plans and conservation practices needed for compliance with NR 151 and the conservation compliance requirements of farmland preservation tax credits, and based on the strategy articulated in LWRMP.  | LURM<br>DNR                      | Annually<br>30 farms/year<br><b>HIGH</b>       | 1800 hrs./yr.<br>\$74,682./yr.<br><b>ADM</b><br><b>Sr. R. TECH</b><br><b>R. TECH.</b> | COUNTY<br>FSA.NRCS<br>DATCP<br><b>\$150,000/yr.</b><br><b>SWRM</b>                       | # of cons. pans prepared<br># of conservation practices installed.<br>RUSLE2 comps. |
|   | 3. Conduct educational outreach, to assist farmers comply with NR 151, through newsletters, workshops, web-site postings and direct contact.   | LURM<br>UWEX                     | Annually<br>6 activities/yr.<br><b>MEDIUM</b>  | 100 hrs./yr.<br>\$5000./yr.<br><b>Sr. R. TECH</b><br><b>R. TECH</b><br><b>ADM.</b>    | COUNTY   | Feedback from workshop attendees.<br># of inquires                                  |
|   | 4. Continue to conduct annual transect survey or up-dated assessment protocol to monitor cropland erosion levels and use of conservation practices. Monitor progress of conservation implementation and compliance.  | LURM                             | Annually<br>694 sites/monitored<br><b>HIGH</b> | 100 hrs./yr.<br>\$4146./yr.<br><b>R. TECH</b><br><b>ADM</b>                           | COUNTY   | Annual County-wide cropland erosion report.   |
|   | 5. Seek funding sources to help landowners implement conservation practices.   | LURM,<br>WDNR,<br>DATCP,<br>NRCS | Annually<br>Grant awarded<br><b>HIGH</b>       | 50 hr./yr.<br>\$2,500/yr.<br><b>ADM,</b><br><b>Sr. R.TECH</b>                         | COUNTY. Local units of government, NCOs, WDNR, FSA, NRCS                                 | # Grants awarded  |
| <b>2. Manage animal waste and nutrient use on agricultural lands by increasing the use of nutrient management plans, (NPM.)</b> | 1. Assist farmers prepare and implement NPM consistent with NRCS Conservation Practice Code #590.  | NRCS/<br>FSA<br>LURM<br>UWEX     | Annually<br>30 farms/yr.<br><b>HIGH</b>        | 300 hrs./yr.<br>\$12,438./yr.<br><b>Sr. R. TECH</b>                                   | COUNTY<br>FSA.NRCS<br>DATCP  | # of NPM prepared and acres covered.  |

# Walworth County Land and Water Resource Management Plan: 5-Year Work Plan (2016-2020)

## Goal #1 (continued) Protect Walworth County Lakes, Streams, Wetlands and Groundwater from Agricultural Runoff Pollution.

|  |   |                                      |   |  |   |  |
|--|---|--------------------------------------|---|--|---|--|
| <b>2. (cont.) Manage animal waste &amp; nutrient use on agricultural lands by increasing the use of nutrient management plans (NPM.)</b>     | 2. Assist consultants in developing NPM for farmers by providing training, Walworth County soils information and other mapping resources, when requested. | NRCS<br>UWEX<br>LURM                 | Annually<br>10 consultants/yr.<br><b>MEDIUM</b>         | 100 hrs./yr.<br>\$4149./yr.<br><b>Sr. R. TECH</b>          | COUNTY<br>FSA.NRCS<br>DATCP                                 | # of consultants assisted<br>#Number of NPM reviewed                 |
|  | 3. Seek funding to assist farmers prepare NMP.  | LURM<br>NRCS<br>FSA<br>DATCP/<br>DNR | Annually<br>Grant Award<br><b>HIGH</b>                  | 60 hrs./yr.<br>\$3000./yr.<br><b>ADM.</b>                  | COUNTY  | # of grants awarded  |
|  | 4. Assist landowners comply with Co-approved Conditional Use Permits for new or expanding livestock operations.   | LURM<br>CZA<br>DNR                   | Annually<br>5 operators /yr.<br><b>HIGH</b>             | 100 hrs./yr.<br>\$4149./yr.<br><b>ADM<br/>Sr. R. TECH.</b> | COUNTY<br>WDNR  | # of CUP approved for livestock operations                           |
|  | 5. Conduct educational outreach, through newsletters, workshops, web-site and direct contact.   | LURM,<br>UWEX<br>NRCS                | On-going<br>5 activities/yr.<br><b>MEDIUM</b>           | 50 hrs./yr.<br>\$2075./yr.<br><b>Sr. R. TECH</b>           | COUNTY  | # of activities undertaken, feedback from recipients                 |
| <b>3. Animal waste storage structures are built, expanded and abandoned, consistent with Walworth County Animal Waste Storage Ordinance.</b> | 1. Assist landowners with planning, permitting and construction or abandonment of animal waste storage structures.  | LURM<br>WDNR<br>DATCP<br>NRCS        | Annually<br>2 operations<br><b>HIGH</b>                 | 80 hrs./yr.<br>\$3319./yr.<br><b>Sr. R. TECH</b>           | COUNTY<br>FSA.NRCS<br>DATCP, WDNR<br>Permit Fees: \$100/yr. | # of facilities successfully construction/or abandoned.              |
| <b>4. Wells are properly abandoned.</b>  | 1. Provide information to landowners about well abandonment standards and offer financial support, if available.  | LURM<br>FSA/NRCS<br>DATCP<br>WDNR    | Annually<br>3 wells properly abandoned<br><b>HIGH</b>   | 10 hrs./yr.<br>\$415./yr.<br><b>Sr. R. TECH<br/>ADM</b>    | Federal and State Funding, if available                     | # of certified and properly abandoned wells. Ground water protected. |
| <b>5. Establish permanent vegetation or buffers along streams, lakes and wetlands.</b>   | 1. Assist landowners plan and establish permanent vegetation or buffers, consistent with NRCS Technical Standards.  | LURM<br>WDNR<br>NRCS                 | Annually<br>10 sites/yr.<br>5000 ft./yr.<br><b>HIGH</b> | 400 hrs./yr.<br><b>\$16,596./yr.</b><br><b>Sr. R. TECH</b> | COUNTY<br>FSA.NRCS<br>DATCP, WDNR                           | # of buffers established   |
| <b>6. Recognize farm operators for exemplary land and water conservation achievements.</b>   | 1. Develop criteria and procedure to recognize farm operators for implementing conservation practices.  | LURM<br>LCC                          | Annually<br>? #/year<br><b>HIGH</b>                     | 10 hrs./yr.<br>\$250.00/yr.<br><b>Sr. R. TECH<br/>ADM.</b> | COUNTY  | # of eligible farmer operators/year                                  |
| <b>7. Support the success of Farm Technology Days</b>  | 1. Provide technical assistance and support for farm technology days when requested by event planners, (Tent City)  | LURM<br>LCC                          | <b>2015- 2016<br/>July 19-21, 2016</b>                  | Unknown at this time                                       | County  | Positive reviews from event attendees                                |

# Walworth County Land and Water Resource Management Plan: 5-Year Work Plan (2016-2020)

## Goal #2 Protect Walworth County Streams, Lakes, Wetlands, Groundwater and other Environmental Resources from the Adverse Impact of Urban Development & Nonmetallic Mining.

| Objectives   | Actions  | Who  | When Target Priority                            | Staff Hr. Costs (\$) Staff   | Source of Funding                                   | Progress Assessment  |
|--|--|--|---|--|---|--|
| <b>1. Construction and other land disturbing activities will comply with State and County CSE Control &amp; SWM Control Performance Standards.</b> | 1. Keep county Ordinances consistent with current with NR 151, Non-agricultural Performance Standards and recommendations in adopted watershed plans.    | LURM<br>WDNR<br>LCC  | Annually<br>When Needed<br><br><b>HIGH</b>      | 20 hrs./yr.<br><b>\$973./yr.</b><br><b>URB SPEC.</b><br><b>ADM.</b>                    | Permit Application Fees                             | Amendments adopted by LCC & County Board.                                |
|  | 2. Review and process 500 CSE/SWM plans and permit applications./year.   | LURM   | Annually<br>500 permits<br><br><b>HIGH</b>      | 2080 hrs./yr.<br>\$83,374./yr.<br><b>URBAN SPEC.</b><br><b>U. TECH.</b><br><b>ADM.</b> | Permit Application Fees                             | # of Permits and plans processed.  |
|  | 3. Conduct timely inspections and effective enforcement actions.   | LURM   | Annually<br>300 inspections /yr.<br><b>HIGH</b> | 500 hrs./yr.<br>\$19,565./yr.<br><b>URBAN SPEC.</b><br><b>U. TECH</b>                  | Permit Application Fees. Compliance Inspection Fees | Inspection documentation completed and recorded                          |
| <b>2. Promote Conservation-Design Development Standards.</b>   | 1. Conduct educational outreach, on conservation design standards through workshops, newsletters, web-site and direct contact.                           | LURM<br>UWEX<br>County Towns<br>CZA                              | Annually<br>1 activity/yr.<br><br><b>HIGH</b>   | 20 hrs./yr.<br>\$973./yr.<br><b>URBAN SPEC.</b>  | Urban NPS & SW Planning Grant                       | 30% of new subdivisions use Conservation-Design Standards                |
| <b>3. Landscaping practices protect water quality and scenic beauty.</b>   | 1. Conduct educational outreach through newsletters, workshops, web-site postings and direct contact. Emphasize rain gardens, use of native plants, etc. | LURM<br>WDNR<br>UWEX   | Annually<br>4 activities/yr.<br><br><b>HIGH</b> | 100 hours<br>\$4867./yr.<br><b>URBAN SPEC.</b><br><b>U. TECH</b><br><b>ADM.</b>        | Workshop registration Fees                          | # of landscapers certified   |
| <b>4. Constructed SWM practices are maintained and provide required "level of service and protection".</b>   | 1. Establish and adopt SWM practice inspection and maintenance program.  | LURM   | Annually<br>10 practices /year<br><b>HIGH</b>   | 100 hrs./yr.<br>\$4867./yr.<br><b>URBAN SPEC.</b>                                      | Urban NPS & SW Planning Grant<br>Annual Permit Fee  | # of inspections<br># of compliance reports.                             |
| <b>5. Strengthen County Urban Stormwater Pollution Prevention through the establishment of a County-wide SWPP Program.</b>                         | 1. Continue Walworth County-wide Storm Water Pollution Prevention Program (WCSWPPP).   | LURM, LCC<br>Walworth<br>County Towns,<br>Cities and<br>Villages | Annually<br>2 meetings/yr.<br><br><b>MEDIUM</b> | 100 hours<br>\$4867./yr.<br><b>URBAN SPEC.</b><br><b>ADM.</b>                          | Urban NPS & SW Planning Grant                       | County-wide SWPP group established and collaborates at least 4 times/yr. |
|  | 2. Implement Walworth County SWPP Strategy and Action Plan, including SWPP education plan for MS-4 Communities.  | LURM, UWEX<br>WDNR   | Begin 2011<br>Plan complete.<br><b>MEDIUM</b>   | 120 hrs./yr.<br>\$5840./yr.<br><b>URBAN SPEC.</b>                                      | Urban NPS & SW Planning Grant                       | County-wide SWPPP plan prepared & Implemented.                           |

# Walworth County Land and Water Resource Management Plan: 5-Year Work Plan (2016-2020)

## Goal #2, (Continued). Protect Walworth County Streams, Lakes, Wetlands, Groundwater and other Environmental Resources from the Adverse Impact of Urban Development & Nonmetallic Mining.

| Objectives  | Actions   | Who   | When Target Priority                                | Staff Hr. Costs (\$) Staff   | Source of Funding                                     | Progress Assessment                               |  |
|---|---|---|---|--|---|---|--|
| <b>5. Strengthen County Urban Storm Water Pollution Prevention through the establishment of a County-wide SWPP Program.</b> | 3. Prepare and distribute a CSE and SWM permit handbook and other materials Walworth County contractors, developers and landscapers, including technical information on permeable pavement, infiltration trenches and basins. | LURM, LCC<br>WDNR,<br>UWEX,<br>WCSWPPP  | Annually<br><br>1 material/yr.<br><br><b>MEDIUM</b> | 100 hrs./yr.<br>\$4867./yr.<br><b>URBAN<br/>SPEC.<br/>ADM</b>          | Urban NPS & SW<br>Planning Grant                      | # of materials produced/ feedback                 |  |
|   | 4. Adopt/amend and administer local construction site erosion control and storm water management ordinances to include NR 151 Performance Standards and consistent with NR 152.   | LURM, LCC<br>WCSWPPP  | Annually<br>WN<br>≥1 amend. /yr.<br><b>HIGH</b>     | 100 hr./yr.<br>\$4867./yr.<br><b>URBAN<br/>SPEC.<br/>ADM</b>           | Urban NPS & SW<br>Planning Grant                      | # of ordinances updated.                          |  |
|   | 5. Identify and access funding sources to implement SWPM BMPs, conduct SW education and advance other activities identified in the Walworth County Storm Water Pollution Prevention Strategy and Action Plan.                 | LURM, LCC<br>WCSWPPP  | Annually<br><br>1 grant app.<br><br><b>MEDIUM</b>   | 80 hrs./yr.<br><br>\$4000./yr.<br><b>ADM<br/>URBAN<br/>SPEC.</b>       | COUNTY  | Grant awarded to Walworth County                  |  |
|   | 6. Conduct Construction Site Erosion Control and Storm Water Management Workshops for contractors, engineers, building inspectors and landscapers.  | LURM, LCC<br>WCSWPPP  | Annually<br><br>1 workshop/yr.<br><br><b>MEDIUM</b> | 80 hrs./yr.<br>\$3894./yr.<br><b>ADM<br/>URBAN SPEC<br/>&amp;TECH.</b> | Urban NPS & SW Planning<br>Grant<br>Registration Fees | # of Workshop attendees. Feedback from attendees. |  |
|   | 7. Distribute sample storm water pollution prevention plans for fueling and vehicle maintenance facilities and contractor storage yards.  | LURM, LCC<br>WCSWPPP  | Annually<br>2 plans/yr.<br><b>MEDIUM</b>            | 120 hrs./yr.<br>\$5840./yr.<br><b>URBAN<br/>SPEC.</b>                  | Urban NPS & SW<br>Planning Grant                      | # of vendors served. Sample SWPP prepared.        |  |
|   | 8. Develop and distribute nutrient management information for non-agricultural use of fertilizers.  | LURM, UWEX,<br>WCSWPPP  | Annually<br>2 products s/yr.<br><b>MEDIUM</b>       | 120 hrs./yr.<br>\$5840./yr.<br><b>ADM.<br/>URB. SPEC.</b>              | Urban NPS & SW Planning<br>Grant                      | # of material prepared and distributed. Feedback. |  |
|   | <b>6. Protect shorelands and waterways from adverse impact caused by development and vegetation removal.</b>  | 1. Assist the Walworth County Zoning Division implement the state shoreland zoning standards, contained in NR 115.                                  | LURM  | Annually<br>10 reviews/yr.<br><b>HIGH</b>                              | 120 hrs./yr.<br>\$5840./yr.<br>URB.SPEC.              | COUNTY  | # of conservation plans prepared. Sq. ft of impervious surfaces minimized. |
|   |   | 2. Review & up-date Environmental Ordinance, Chapter 26, Article II, related to conservation plans & permeable surfaces for compliance with NR 115. | LURM, LCC   | Annually<br>1 review/yr.<br><b>HIGH</b>                                | 40 hrs/yr.<br>\$1947./yr<br>URB.SPEC.                 | COUNTY  | #/of ordinance review<br>#/ordinance revisions                             |

## Walworth County Land and Water Resource Management Plan: 5-Year Work Plan (2016-2020)

**Goal #2, (Continued). Protect Walworth County Streams, Lakes, Wetlands, Groundwater and other Environmental Resources from the Adverse Impact of Urban Development & Nonmetallic Mining.**

| Objectives   | Actions   | Who          | When Target Priority                       | Staff Hr. Costs (\$) Staff   | Source of Funding                                  | Progress Assessment                          |
|--|---|--------------|--|--|--|--|
| <b>7. Constructed SWM practices are maintained and provide required “level of service” and protection.</b> | 1. Establish and adopt SWM practice inspection and maintenance program.   | LURM         | Annually<br>10/year<br><b>HIGH</b>         | 100 hrs./yr.<br>\$4867./yr.<br><b>URB.SPEC.</b>                          | Urban NPS & SW Planning Grant<br>Annual Permit Fee | # of inspections<br># of compliance reports. |
| <b>8. All nonmetallic mining sites are successfully reclaimed to productive uses.</b>                      | 1. Keep County Nonmetallic Mining Reclamation Ordinance current with State NR 135 Standards.                                      | LURM<br>LCC  | Annually<br>(WN)<br><b>HIGH</b>            | 50 hrs./yr.-<br>\$2433./yr.<br><b>ADM<br/>URB.SPEC.</b>                  | Nonmetallic Mining Permit Fees.                    | Ordinance amendments approved/               |
|  | 2. Review and approve reclamation plans or reclamation plan revisions.  | LURM         | Annually<br>3 sites/yr.<br><b>HIGH</b>     | 100 hrs./yr..<br>\$4867./yr.<br><b>URB.SPEC.</b>                         | Nonmetallic Mining Permit Fees.                    | Plans meet reclamation standards.            |
|  | 3. Monitor mining sites for compliance with NMM reclamation permit conditions, approved reclamation plan and financial assurance. | LURM         | Annually<br>24 sites/yr.<br><b>HIGH</b>    | 400 hrs./yr.<br>\$19568./yr.<br><b>U &amp; R.<br/>TECH<br/>URB.SPEC</b>  | Nonmetallic Mining Permit Fees.                    | # of compliance reports issued.              |
| <b>9. Private waste treatment systems are properly installed and maintained.</b>                           | 1. Continue to enforce County Sanitation Code.  | LURM<br>DSPC | Annually<br>250 systems/yr.<br><b>HIGH</b> | 4308 hrs./yr.<br>\$163,078/yr.<br><b>U. TECH.<br/>Co.<br/>Sanitarian</b> | Permit Fees<br>Citations-forfeitures               | # of systems installed and maintained        |

# Walworth County Land and Water Resource Management Plan: 5-Year Work Plan (2016-2020)

## Goal #3. Prevent the Introduction and Dispersal of Aquatic Invasive Species (AIS) in Walworth County Lakes, Streams and Wetlands.

| Objectives   | Actions  | Who          | When Target Priority                          | Staff Hr. Costs (\$) LURM Position                    | Source of Funding  | Progress Assessment  |
|--|--|--------------|---|---|--|--|
| <b>1. Assess and monitor Walworth Co. waterbodies for the presence of AIS.</b>                 | 1. Monitor Walworth County Lakes and other aquatic environments for AIS.   | LURM<br>WDNR | Annually<br>8 lakes/year<br><b>HIGH</b>       | 150 hours/yr.<br>\$6057./yr<br><b>LAKE SPEC.</b>      | WDNR Surface<br>Water Grant                                      | # of lakes<br>monitored  |
|  | 2. Offer Citizen Lake Monitoring for AIS Training.   | LURM         | Annually<br>1/year<br><b>HIGH</b>             | 50 hours/year<br>\$2019./yr.<br><b>LAKE SPEC.</b>     | WDNR Surface<br>Water Grant                                      | # of Citizens<br>recruited   |
|  | 3. Respond to citizen reports of new possible AIS populations and report findings to WDNR.   | LURM<br>WDNR | Annually<br>8 reports/year<br><b>HIGH</b>     | 50 hours/yr.<br>\$2019./yr.<br><b>LAKE SPEC.</b>      | WDNR Surface<br>Water Grant                                      | Reports to<br>WDNR<br>complete.                                    |
| <b>2. Assist prepare and execute AIS prevention and control plans, when needed.</b>            | 1. Assist in Rapid Response Plans and with post rapid response monitoring, when needed.  | LURM<br>WDNR | When needed<br><b>1/year<br/>HIGH</b>         | 50 hours/yr.<br>\$2019./yr.<br><b>LAKE SPEC.</b>      | WDNR Surface<br>Water Grant                                      | # of Rapid<br>Response<br>Projects assisted.                       |
|  | 2. Prepare Aquatic Plant Management Plans, including AIS prevention, monitoring and rapid response plans for underserved lakes.            | LURM         | Annually<br>1 plan/ year<br><b>HIGH</b>       | 330 hours/year<br>\$13,325./year<br><b>LAKE SPEC.</b> | WDNR Surface<br>Water Grant                                      | # of APM plans<br>prepared   |
| <b>3. Walworth County boaters and anglers will prevent the introduction and spread on AIS.</b> | 1 Train individuals to inspect watercraft and educate boaters at boat launches. "Clean Boats, Clean Waters"                                | LURM         | Annually<br>5-10 workshops/yr.<br><b>HIGH</b> | 150 hours/yr.<br>\$6057./yr<br><b>LAKE SPEC.</b>      | WDNR Surface<br>Water Grant                                      | # of volunteers<br>trained. # of lakes<br>with boat<br>inspectors. |
|  | 2. Educate boat launch managers and monitors at using workshops and one-on-one contact.  | LURM         | Annually<br>15 managers/yr.<br><b>HIGH</b>    | 100 hours/yr.<br>\$4038./yr<br><b>LAKE SPEC.</b>      | WDNR AIS Control<br>Grant Program<br>WDNR Surface<br>Water Grant | # of launch<br>monitors<br>managers trained.                       |
|  | 3. Inspect boats entering and leaving boat launches and educate boaters and anglers about AIS preventions and steps required by state law. | LURM         | Annually<br>20 launches/ yr.<br><b>HIGH</b>   | 300 hours/yr.<br>\$12,114/yr.<br><b>LAKE SPEC.</b>    | WDNR AIS Control<br>Grant Program<br>WDNR Surface<br>Water Grant | # of boats<br>inspected  |

# Walworth County Land and Water Resource Management Plan: 5-Year Work Plan (2016-2020)

**Goal #3, (continued) Prevent the Introduction and Dispersal of Aquatic Invasive Species (AIS) in Walworth County Lakes, Streams and Wetlands.**

| Objectives   | Actions   | Who                  | When<br>Target<br>Priority                      | Staff Hr.<br>Costs (\$)<br>LURM Position                     | Source of Funding  | Progress<br>Assessment                            |
|--|---|----------------------|---|--|--|---|
| <b>4. Broaden public awareness of AIS.</b>   | 1. Conduct workshops on AIS for Co. Lake organizations, students, boat safety program participants, and landscapers.          | LURM<br>UWEX         | Annually<br>8 workshops/yr.<br><b>HIGH</b>      | 300 hours/yr.<br>\$12,114./yr.<br><b>LAKE SPEC.<br/>ADM.</b> | WDNR AIS Control<br>Grant Program<br>WDNR Surface<br>Water Grant | # of workshops<br>and feedback<br>from attendees. |
|  | 2. Prepare and distribute AIS information and materials to nurseries, bait shops, and boat dealers and other outlets.         | LURM                 | Annually<br>8 outlets/yr.<br><b>HIGH</b>        | 250 hours/yr.<br>\$10,095./yr.<br><b>LAKE SPEC.<br/>ADM</b>  | WDNR AIS Control<br>Grant Program<br>WDNR Surface<br>Water Grant | # of vendors<br>assisted.                         |
|  | 3. Prepare press releases on AIS and AIS prevention and control measures.   | LURM                 | Annually<br>2 press releases/yr.<br><b>HIGH</b> | 50 hours/yr.<br>\$2018./yr.<br><b>LAKE SPEC.</b>             | WDNR AIS Control<br>Grant Program<br>WDNR Surface<br>Water Grant | # of press<br>releases,<br>feedback               |
| <b>5. Provide AIS training, information and education to other counties and communities.</b> | 1. Serve as the AIS regional liaison for, AIS Education by presenting at workshops, meeting and other events, when requested. | LURM<br>WDNR<br>UWEX | Annually<br>5 events/ yr.<br><b>HIGH</b>        | 150 hours/yr.<br>\$6057./yr.<br><b>LAKE SPEC.</b>            | WDNR AIS Control<br>Grant<br>Program WDNR<br>Surface Water Grant | # of events<br>feedback                           |
|  | 2. Assist other SE WI counties with AIS education.  | LURM<br>WDNR<br>UWEX | On-request<br>5 requests/yr.<br><b>HIGH</b>     | 150 hours/yr.<br>\$6057./yr.<br><b>LAKE SPEC.</b>            | WDNR AIS Control<br>Grant Program<br>WDNR Surface<br>Water Grant | # of programs<br>conducted in SE<br>counties      |

# Walworth County Land and Water Resource Management Plan: 5-Year Work Plan (2016-2020)

## Goal #4. Preserve Walworth County's Productive Agricultural Lands.

| Objectives   | Actions   | Who                                    | When Target Priority                                   | Staff hrs. Costs LURM Position   | Source of Funding  | Progress Assessment   |
|--|---|--|--|--|--|---|
| <b>1. Preserve Agricultural Land as recommended in the Multi-jurisdictional Comprehensive Plan for Walworth County: 2035.</b>  | 1. Support the implementation of the Multi-Jurisdictional Comprehensive Land Use Plan for Walworth County and the County Farmland Preservation Plan, through the review of RZ and CUP apps. | CZA, LCC<br>LURM<br>UWEX<br>CO. Towns  | Annually<br>Revisions to plan minimized<br><b>HIGH</b> | 100 hours/yr.<br>\$4575./yr.<br><b>URBAN SPEC.<br/>CO Planner</b>                                    | Application Fees   | Monitor and assess the number of RZ petitions consistent with plan.   |
|  | 2. Promote and implement Conservation-Design Development Standards for new Residential Subdivision.   | LURM, CZA<br>UWEX<br>CO. Towns         | Annually<br>2 cons. design/yr.<br><b>HIGH</b>          | 40 hrs./yr.<br>\$1947./yr.<br><b>CO Planner<br/>URB. SPEC.</b>                                       | Application Fees   | # of new residential developments using conservation designs.   |
| <b>2. Use best management practices to minimize the impacts of farming activities on the natural resources and protect the productivity of the soil.</b>             | 1. Continue to assist land owners enrolled in State Farmland Preservation Program comply with the conservation requirements, annual certification and noncompliance.                        | LURM                                   | Annually<br>120 farms/yr.<br><b>HIGH</b>               | <b>1200 hours/ yr.</b><br>\$49,788./yr.<br><b>CO. PLANNER<br/>ADM.<br/>SR. R. TECH.<br/>R. TECH.</b> | COUNTY<br>FSA.NRCS<br>DATCP                                    | # farms in compliance, RUSLE<br># of participants issued certificates.<br># of landowners issued non-compliance orders. |
| <b>3. Preserve large blocks of Walworth County farmland to promote more efficient farming and minimize conflicts between farming operations and urban-type uses.</b> | 1. Continue to explore the potential for establishing a Walworth County agricultural land PDR program, as recommended in the up-dated Farmland Preservation Plan.                           | LURM, UWEX<br>CZA. LCC<br>CO. NCOs.    | Annually<br><br>1 PDR/yr.<br><b>MEDIUM</b>             | 80 hours/ yr.<br>\$3660./yr.<br><b>CO Planner<br/>R. TECH.</b>                                       | County   | # of PRD approved   |
|  | 2. Identify and consider the establishment of "Agricultural Enterprise Areas" as recommended in the up-dated Farmland Preservation Plan.  | LURM,UWEX,<br>CZA, LCC<br>Towns, DATCP | Annually<br>1 Area /yr.<br><b>MEDIUM</b>               | 80 hours/ year<br>\$3660./yr.<br><b>Sr. R. TECH.<br/>CO Planner</b>                                  | County<br>DATCP  | # of AEA approved   |
| <b>4. Increase support and use of soil management systems to improve the health of County soils.</b>   | 1. Distribute information on soil organic matter, use of soil testing, no-till farming and cover crops, through workshops, one-on-one contacts, newsletters, & web-postings.                | LCC, UWEX<br>NRCS, DATCP,              | Annually<br>4 acts/year<br><b>MEDIUM</b>               | 120 hrs./yr.<br>\$5840./yr.<br><b>SR. R. TECH.</b>   | County<br>DATCP<br>NRCS  | Acres of soil testing<br>Acres of no-till<br>Acres of cover crops planted   |
| <b>5. Support Wildlife Abatement Program for County landowners to protect crops from damage or loss caused by wildlife.</b>  | 1. Administer a grant program to prevent wildlife damage to County agricultural crops and a compensate farmers for crop loss caused by wildlife.  | LCC, LURM,<br>USFWS, NRCS,<br>WDNR     | Annually   | 50 hrs./yr.<br>\$2500.<br><b>ADM<br/>SR. R. TECH.</b>  | \$6000./year for<br>Claims<br>County<br>US FWS<br>NRCS<br>WDNR | # of Claims   |

# Walworth County Land and Water Resource Management Plan: 5-Year Work Plan (2016-2020)

**Goal #5. Preserve and Restore Walworth County’s Environmental Corridors, Natural Areas, Critical Species Habitat Sites, Wetlands, Springs, Floodplains and Groundwater.**

| Objectives  | Actions   | Who                                       | When<br>Target<br>Priority                    | Staff hrs.<br>Costs<br>LURM Position                          | Source of Funding                         | Progress<br>Assessment                    |
|---|---|---|---|---|---|---|
| <b>1. Preservation &amp; Conservation of Walworth County’s Natural Resources as recommended in the <i>Multi-jurisdictional Comprehensive Plan for Walworth County: 2035 (SEWRPC 2009)</i> and the <i>Regional Natural Areas and Critical Species Habitat and Protection and Management Plan For SE Wisconsin, (SEWPRC)</i>.</b> | 1. Support the implementation of the Multi-Jurisdictional Comprehensive Land Use Plan for Walworth County and the County Farmland Preservation Plan, through the review of RZ petitions and CUP applications. | CZA, LCC<br>LURM<br>Walworth CO.<br>Towns | Annually<br><br><b>HIGH</b>                   | See Goal #4,<br>Objective #1<br>Action #1                     | See Goal #4,<br>Objective #1<br>Action #1 | See Goal #4,<br>Objective #1<br>Action #1 |
| <b>2. Decrease the fragmentation of woodlands and environmental corridors by land development and other land disturbing activities.</b>   | 1. Encourage and support landowners participation and enrollment in the Wisconsin Managed Forest Law Program  | LURM,UWEX<br>WDNR                         | Annually<br>1 parcel/yr.<br><br><b>MEDIUM</b> | 20 hrs./yr.<br>\$1000/yr.<br><b>Sr. R.TECH.<br/>ADM</b>       | COUNTY<br>WDNR                            |   |
|   | 2. Provide natural resource information and maps to Towns, developers, citizens, elected officials and other agencies.  | LURM,<br>SEWPRC<br>WDNR<br>LIS/GIS        | Annually<br>2<br>requests/yr.<br><b>HIGH</b>  | 80 hrs./yr.<br>\$4000./yr.<br><b>ADM</b>                      | COUNTY<br>Fees for Copies                 | # of distributions                        |
|   | 3. Promote and implement Conservation-Design Development Standards for new residential subdivision.   | LURM, CZA<br>Walworth<br>County Towns     | Annually<br><br><b>HIGH</b>                   | See Goal #4<br>Objective #1<br>Activity #3                    |   |   |
| <b>3. Preserve and restore the ecological services and functional values provided by Walworth County Wetlands.</b>  | 1. Assist landowners enroll in state and federal programs to preserve and restore wetlands on their property.   | LURM<br>NRCS, FSA                         | Annually<br>2 parcels/yr.<br><br><b>HIGH</b>  | 100 hrs./yr.<br>\$4149./yr.<br><b>Sr. R. TECH</b>             | COUNTY<br>NRCS/FSA<br>WDNR                | # of wetlands<br>restored                 |
|   | 2. Require the determination of wetland boundary lines early during preparation of land development plans.  | LURM, WDNR,<br>SEWPRC                     | Annually<br>4 parcels/yr.<br><br><b>HIGH</b>  | 20 hrs./yr.<br>\$973./yr.<br><b>URB.SPEC.<br/>CO. PLANNER</b> | Permit<br>Applications.                   | # of wetland<br>delineations<br>approved. |
|   | 3. Provide Walworth Co. wetland inventory data & maps to Towns, developers, agencies citizens & others.   | LURM,WDNR,<br>SEWPRC<br>LIS/GIS           | Annually<br><br><b>HIGH</b>                   | See Goal #5<br>Objective #2<br>Activity #2                    | COUNTY                                    |   |

# Walworth County Land and Water Resource Management Plan: 5-Year Work Plan (2016-2020)

**Goal #5. (Continued) Preserve and Restore Walworth County’s Environmental Corridors, Natural Areas, Critical Species Habitat Sites, Wetlands, Springs, Floodplains and Groundwater.**

| Objectives   | Actions  | Who                                | When Target Priority  | LURM Staff Hr. Costs (\$)                                     | Source of Funding   | Progress Assessment   |
|--|--|------------------------------------|---|---|---|---|
| <b>3. Preserve and restore the ecological services and functional values provided by Walworth County Wetlands.</b>   | 4. Support the acquisition and restoration of large wetland communities, where the potential exists by WDNR, NCOs, and others.   | LCC, WDNR NCOs                     | Annually<br><b>MEDIUM</b>   | 20 hrs./year<br>\$973./yr.<br><b>URB.SPEC<br/>CO. Planner</b> | County WDNR State Stewardship Program, Lake Protection Program & others | Tracking of wetlands permanently protected.                         |
| <b>4. Protect Walworth County Floodplains</b>  | 1. Provide Walworth Co. Floodplain Map inventory data & maps to Towns, developers, citizens, and other agencies.   | LURM, DNR,FEMA LIS/GIS             | Annually<br><b>HIGH</b>   | See Goal #5 Objective #2 Activity #2                          |   |   |
| <b>5. Protect Walworth County’s Ground Water Supply by supporting and implementing the recommendations in the “Regional Water Supply Plan for Southeastern Wisconsin.”</b> | 1. Implement a County-wide comprehensive <b>water conservation</b> plan & program aimed at reducing the average daily demand by at least 10 percent.   | LURM, DNR, NRCS                    | 2015-2020<br><b>MEDIUM</b>  | 300 hr./yr.<br>\$14601./yr.<br><b>URB. SPEC<br/>ADM</b>       | Federal and State Grants, if available                                  | Public Feedback.  |
|  | 2. Seek funding sources to assist landowners and business implement <b>water conservation</b> measures.  | LURM UWEX                          | Begin 2010<br><b>MEDIUM</b>   | 40 hrs/year<br>\$2000./yr.<br><b>ADM</b>                      |   | Grant to prepare and implement Plan awarded to County               |
|  | 3. Conduct educational outreach on <b>water conservation</b> , through newsletters, workshops, web-site, and direct contact.   | LURM UWEX                          | <del>Begin in 2010</del><br>Annually<br>6 activities/yr.<br><b>MEDIUM</b> | 20 hrs/yr.<br>\$973./yr-<br><b>ADM<br/>URB. SPEC</b>          |   | Feedback from workshop attendees.<br>#of inquiries from newsletters |
|  | 4. <b>Protect Groundwater Recharge Areas</b> classified as high or very high recharge areas in Walworth County by supporting the implementation of the “Smart Growth Plan,” through the review of RZ petitions and CUP applications. | LURM, CZA, LCC Walworth CO., Towns | Annually<br><b>3/reviews/yr.<br/>MEDIUM</b>                               | See Goal #4, Objective #1 Action #1                           |   |   |
|  | 5. Promote the use of storm water infiltration practices that result in <b>maintaining the natural recharge capacity</b> at a proposed development site.   | LURM WDNR                          | Annually<br>3/reviews/yr.<br><b>HIGH</b>                                  | See Goal #2 Objective #2                                      |   |   |
|  | 6. Supply rain barrels to Walworth County residents.   | LURM UWEX                          | Annually<br>50 barrels/yr.<br><b>HIGH</b>                                 | 5 hrs./yr.<br>\$243./yr.<br><b>URB. SPEC</b>                  | Sale of Rain Barrels  | # of Rain barrels installed. Positive Publicity                     |

# Walworth County Land and Water Resource Management Plan: 5-Year Work Plan (2016-2020)

**Goal #5. (Continued) Preserve and Restore Walworth County’s Environmental Corridors, Natural Areas, Critical Species Habitat Sites, Wetlands, Springs, Floodplains and Groundwater.**

| Objectives   | Actions   | Who                                    | When Target Priority  | LURM Staff Hr. Costs (\$)   | Source of Funding            | Progress Assessment  |
|--|---|--|---|---|------------------------------|--|
| <b>5. Protect Walworth County’s Ground Water Supply by supporting and implementing the recommendations in the “Regional Water Supply Plan for Southeastern Wisconsin”, (SEWRPC.)</b> | 7. Encourage and assist landowners test the water quality of their private wells.   | LURM, DNR, CO Health Department        | Annually<br><br>100 private wells/ year<br><br><b>Medium</b>              | 8 hours/yr.<br><br>\$400/year<br><b>URB. SPEC. ADM</b>                    | County Fees for testing      | # of wells tested. Report and assessment of well testing reports.                  |
| <b>6. Reduce the loss and impairment of Walworth County woodlands and specimen trees.</b>  | 1. Prepare and distribute information on tree pests and diseases and control & invasive species, through web-site, workshops and other outlets.   | LURM UWEX WDNR                         | Annually<br>4 activities/yr.<br><b>Medium</b>                             | 10 hrs./yr.<br>\$500/yr.<br><b>ADM URB. SPEC.</b>                         | County                       | Public Feedback Reduction in the introduction and spread of diseases.              |
|  | 2. Support invasive species and pest suppression programs and projects when needed to protect the health of Walworth County woodlands.  | LURM UWEX Walworth CO Towns County DPW | Annually<br>4 activities/yr.<br><b>High</b>                               | 160 hrs./yr.<br>\$7787./yr.<br><b>ADM Sr. R.,R &amp; U. TECH URB SPEC</b> | Permit Fees WDNR Grants.     | # of programs supported or approved for permits.                                   |
|  | 3. Continue to distribute and encourage the adoption of the model “Tree Preservation and Woodland Protection Ordinance” prepared by LURM.   | LURM                                   | Annually<br>1 muni/yr.<br><b>Medium</b>                                   | 5 hrs./yr.<br>\$243./yr.<br><b>URB. SPEC</b>                              | County                       | # of municipalities adopting standards.  |
|  | 4. Continue to sponsor workshops for landscapers and provide timely information on tree selection, planting, pruning, diseases management, and protection during construction activities. | LURM UWEX WDNR                         | Annually<br><br>1 event/yr.<br><b>HIGH</b>                                | 20 hrs./yr.<br>\$1000./yr.<br><b>ADM URB. SPEC. U. TECH</b>               | Workshop Registration fees   | Feedback from attendees Improvement in plans submitted. Fewer enforcement actions. |
| <b>7. Increase restoration of declining native communities in Walworth County, through the control of invasive species and the reintroduction of the native plant communities.</b>   | 1. Support the establishment of a “master naturalist program” to recruit, train and mobilize citizens to undertake restoration activities.  | LURM, UWEX, WDNR CO. Parks Committee   | <b>Annually</b><br><br>Guidance prep. 1 workshop/yr.<br><br><b>MEDIUM</b> | 80 hours/yr.<br><br>\$4000/yr.<br><br><b>ADM URB.SPEC.</b>                | Registration Fees WDNR Grant | # recruited, trained and engaged.  |
|  | 2. Continue to co- sponsor a “Prairie Walk” to showcase prairie restoration efforts in Walworth County.   | LURM UWEX NRCS WDNR                    | Annually<br>1 walk/yr.<br><b>HIGH</b>                                     | 40 hours<br>\$2000/yr.<br><b>ADM</b>                                      | Registration Fees            | # of attendees Feedback from attendees   |

## Walworth County Land and Water Resource Management Plan: 5-Year Work Plan (2016-2020)

**Goal #5. (Continued) Preserve and Restore Walworth County’s Environmental Corridors, Natural Areas, Critical Species Habitat Sites, Wetlands, Springs, Floodplains and Groundwater.**

| Objectives   | Actions   | Who                          | When Target Priority                              | LURM Staff Hr. Costs (\$)                          | Funding Source        | Progress Assessment              |
|--|---|------------------------------|---|--|-----------------------|----------------------------------|
| <b>8. Increase restoration of declining native communities in Walworth County, through the control of invasive species and the reintroduction of the native plant communities.</b> | 3. Continue the County Tree and Shrub Sale & help landowners establish wind breaks, wildlife habitat and scenic beauty. | LURM<br>UWEX<br>WDNR<br>NRCS | Annually<br>45,000 species sold/yr.<br><b>LOW</b> | 150 hours/yr.<br>\$7500/yr.<br><b>ADM<br/>TECH</b> | Trees and shrub sales | # of sales                       |
|  | 4. Seek funding to implement resource restoration projects in Walworth County.  | LURM<br>DPW, NCOs            | Annually<br>1 grant/yr.<br><b>MEDIUM</b>          | 20 hrs./yr.<br>\$1000/yr.<br><b>ADM</b>            | County/WDNR           | Grant awarded to Walworth County |
| <b>9. Identify and protect Walworth County springs, pursuant to WI Act 310.</b>  | 1. Locate and field –check springs mapped by SEWRPC and WI Wildlife Federation in Walworth County.                      | LURM                         | Annually<br>1/Township/yr.<br><b>LOW</b>          | 40 hrs./yr.<br>\$2000./yr.<br><b>URB. SPEC</b>     | WDNR<br>EPA           | <b>Map prepared</b>              |
|  | 2. Seek funding to field-check springs, mapped by SEWRPC and WI Wildlife Federation.                                    | LURM                         | Annually<br>1 grant<br><b>LOW</b>                 | 10 hrs./yr.<br>\$500/yr.<br><b>URB. SPEC.</b>      | County                | <b>Grant awarded</b>             |

# Walworth County Land and Water Resource Management Plan: 5-Year Work Plan (2016-2020)

## Goal #6. Protect Walworth County Watersheds by Seeking Collaboration and Supporting Partnerships.

| Objectives  | Actions  | Who                          | When Target Priority  | Staff Hr. Costs (\$) LURM Position   | Source of Funding   | Progress Assessment                     |
|---|--|------------------------------|---|--|---|---|
| <b>1. Support the implementation of the Mukwonago River Protection Plan.</b>  | 1. Consider SWM ordinance amendments recommended in the Mukwonago River Protection Plan address the impacts of the increase in intensity of flood peaks and stream “flashiness.”             | LURM                         | Annually<br>Ordinance Drafted<br><br><b>HIGH</b>                    | See Goal #2,<br>Object #1<br>Activity #1   | Permit Fees<br>County<br>Urban NPS & SW<br>Planning Grant | Amendments approved by the County Board |
|   | 2. Implement protection to the springs and groundwater recharge areas recommended in the Mukwonago River Watershed Plan, through mapping, zoning standards and proposed development reviews. | LURM<br>MRI                  | Annually<br><br>Zoning adopted<br>Maps published<br><br><b>HIGH</b> | 20 hrs./yr.<br><br>\$973./yr.<br><b>URB. SPEC.<br/>CO. Planner.</b>              | County  | # of mapped springs protected           |
|   | 3. Support the Mukwonago River Initiative by attending Initiative meetings and responding to the Initiative’s requests for information and technical assistances.                            | LURM<br>WDNR<br>MRI          | Annually<br>3 requests complete/yr.<br><br><b>MODERATE</b>          | 20 hrs./yr..<br>\$973./yr.<br><b>URB. SPEC.</b>                                  | County  | # of requests fulfilled/yr.             |
|   | 4. Expand web-site to include information on of the Mukwonago River ecosystem.   | LURM<br>GIS/IS               | Annually<br>Web-site updates<br><br><b>HIGH</b>                     | 8 hrs./yr.<br><b>\$371./yr.<br/>R. TECH.</b>                                     | County<br>WDNR River<br>Planning Grant                    | Web-site updated, responses from users  |
| <b>2. Support the goals, objectives, and activities of the SE Fox River Basin Partnership and the Rock River Basin Partnership.</b> | 1. Continue to advise and counsel the formal river basin partnership teams and work cooperatively on solution-based activities.  | LURM<br>RRP<br>SEFRP<br>UWEX | Annually<br>8 activities/yr..<br><br><b>HIGH</b>                    | 320 hrs./yr.<br>\$15,574/yr.<br><b>LAKE SPEC.<br/>Sr. R. TECH<br/>URB. SPEC.</b> | County  | # of activities implemented<br>Feedback |
|   | 2. Update and distribute <i>Options for Open Space” A guide for private and public landowners and land managers.</i>   | LURM<br>SEFRP<br>UWEX        | Annually<br>2 up-dates, 2 recipients<br><br><b>MEDIUM</b>           | 20 hours/yr.<br>\$1000./yr.<br><br><b>ADM.</b>                                   | County<br>Southeast Fox River<br>Partnership              | # of up-dates<br># of recipients        |
|   | 3. Continue to update and distribute the <i>Farm Atlas of SE Wisconsin</i>   | LURM<br>UWEX<br>RRP,         | Annually<br>1 up-date<br><br><b>MEDIUM</b>                          | 8 hrs./yr.<br>\$400./yr.<br><br><b>ADM.</b>                                      | County<br>Rock River<br>partnership                       | # of recipients.                        |
| <b>3. Support the mission of the Walworth County Lakes Association and individual lake districts and lake associations.</b>         | 1. Continue to advise and counsel the Walworth County Lakes Association and individual lake protection groups work cooperatively on solution-based initiatives and activities.               | LURM<br>WDNR<br>WLA          | Annually<br><br>10 activities/yr.<br><br><b>HIGH</b>                | See Goal # 3,<br>Objective # 3<br>Activity #1<br><br><b>LAKE SPEC.</b>           | See Goal # 3,<br>Objective # 3<br>Activity #1             | Feedback from recipients.               |

# Walworth County Land and Water Resource Management Plan: 5-Year Work Plan (2016-2020)

## Goal #6. (continued) Protect Walworth County Watersheds by Seeking Collaboration and Supporting Partnerships.

|   |   |                                      |  |  |  |  |
|---|---|--------------------------------------|--|--|--|--|
| <b>4. Support the mission of the Geneva Lake Conservancy, Kettle Moraine Conservancy, The Nature Conservancy, Kishwaukee Nature Conservancy, Hackmatack National Refuge &amp; other Walworth Co. non-profit conservation organizations.</b> | 1. Continue to advise and counsel the Walworth County non-profit conservation organizations, the County DPW and other State and Federal Agencies, in their pursuit to protect environmental sensitive lands through purchase of title or the acquisition of conservation easements. | LURM<br>NCOs<br>GIS/IS               | Annually<br><br>10 activities/year<br><b>HIGH</b>                | 40 hrs./yr.<br><br>\$1946./yr.<br><b>URB. SPEC.<br/>CO. PLANNER<br/>ADM.</b> | COUNTY   | # of requests completed/yr.<br><br># of sites protected. |
|   | 2. Continue to support and advise the Geneva Lakes Environmental Agency with their efforts to improve the water quality and recreational use of Geneva Lake and its watershed.  | LURM<br>WDNR<br>UWEX                 | Annually<br><br>2 activities /yr.                                | 40 hrs./yr.<br>\$1946./yr.<br><b>LAKES SPEC.<br/>URB SPEC.</b>               | COUNTY   | # of requests competed/yr.                               |
| <b>5. Establish a formal White-River Nippersink Watershed Partnership Organization.</b>   | 1. Seek funding to assist prepare a Nippersink Watershed Protection Plan  | LURM<br>NRCS<br>FSA<br>DATCP<br>WDNR | Annually<br>Grant Award<br><b>HIGH</b>                           | 60 hrs./yr.<br><br>\$3000./yr.<br><br><b>ADM.</b>                            | COUNTY<br>WDNR Surface<br>Water Grant                          | # of grants awarded                                      |
|   | 2. Sponsor an organizational meeting and prepare a Nippersink Watershed Protection Plan Prospectus.   | LURM<br>WDNR<br>UWEX<br>NRCS         | 2016-2017<br>Group formalized<br>Prospectus comp.<br><b>HIGH</b> | 240 hrs.<br>\$11,680./yr.<br><b>ADM.<br/>URB. SPEC.</b>                      | County<br>WDNR Surface<br>Water Grant -River<br>Planning Grant | Nippersink<br>Partnership formed<br>Feedback             |
| <b>6. Strengthen County Storm Water Pollution Program through partnerships with Walworth County municipalities, organizations and agencies, specifically MS-4 Permittees.</b>   | See Goal # 2, Objective #5  |                                      |  |  |  |  |
| <b>7. Support the community efforts to protect the water quality and recreational use of Delavan Lake through watershed protection.</b>   | 1. Continue to advise and counsel the Delavan Lake Improvement Association, the Delavan Lake Sanitary District and the Town of Delavan with their efforts to protect the Delavan Lake Watershed.  | LURM<br>NRCS<br>WDNR<br>UWEX         | Annually<br><br>4 activities/yr.<br><br><b>HIGH</b>              | 200 hrs./yr.<br>\$9734./yr.<br><b>Sr. R. TECH<br/>URB. SPEC.</b>             | County<br>Delavan Lake<br>Community                            | # of requests completed.                                 |
| <b>8. Provide assistance to Walworth Co. WWTP to achieve phosphorus reduction goals.</b>  | 1. Continue to offer technical assistance to operators of WWTPs, when requested, to develop a strategy to reduce the discharge of phosphorus to County waterways through watershed management.  | LURM<br>WDR<br>WWTP                  | Annually<br><b>1 WWTP/ yr.<br/>MEDIUM</b>                        | 100 hrs./year<br>\$4867<br><b>Sr. R. TECH</b>                                | County<br>10 WWTP  | # MOUs approved  |
| <b>9. Support the success of Farm Technology Days</b>   | 1. Provide technical assistance and support for farm technology days when requested by event planners, (Tent City)  | LURM<br>LCC                          | 2015- 2016<br><b>July 19-21, 2016</b>                            | Unknown at this time   | County   | Positive event reviews                                   |

# Walworth County Land and Water Resource Management Plan: 5-Year Work Plan (2016-2020)

**Goal #7. Initiate Solution-based Information and Education Outreach Programs to Land Users, Youth, Residents, Businesses, and Elected Officials to Encourage the Use of Sustainable Conservation Practices.**

Information and educational outreach programs are identified in each of the Goals of this work plan. The following information and education activities were identified by the Citizens Advisory Committee and it was determined that these should be uniquely highlighted.

| Objectives  | Actions   | Who                 | When Target Priority                                 | Staff Hr. Costs (\$) LURM Position                                    | Source of Funding     | Progress Assessment                                      |
|---|---|---------------------|--|---|-----------------------|--|
| 1. Increase opportunities for elected officials to learn about the economic and social importance of protecting the County's resource base. | 1. Submit timely resource information to County Administrator for inclusion in the "County Administrator's Report"                  | LURM UWEX           | Monthly<br>1 report/month<br><br><b>HIGH</b>         | 24 hrs./yr.<br><br>\$1200/yr.<br><b>ADM</b>                           | COUNTY                | Feed back from County Board                              |
|   | 2. Offer training, workshops and other training opportunities to LCC and other County Board Committees.                             | LURM                | Annually<br>3 events/yr.<br><b>HIGH</b>              | 30 hrs./yr.<br>\$1500/yr.<br><b>ADM</b>                               | COUNTY                | Feedback from supervisors.                               |
| 2. Increase the engagement of youth in community environmental stewardship and awareness.   | 1. Sponsor and support Pontoon Classroom events on Walworth County Lakes.   | LURM WDNR Lake Org. | Annually<br>1 classroom/yr.<br><br><b>MODERATE</b>   | 10 hrs./year.<br>\$400./yr.<br><b>LAKE SPEC.<br/>URB. SPEC.</b>       | COUNTY<br>WDNR GRANTS | # of participants<br>Feedback<br>Publicity               |
| 3. Citizens, including youth, are trained to monitor, Walworth County streams and lakes.  | 1. Recruit and train citizens in monitoring protocol, and data entry.   | LURM UWEX WDNR      | Annually<br>10 citizens recruited<br><b>MODERATE</b> | 20 hrs./yr.<br>\$808./yr.<br><b>LAKE SPEC.<br/>URB. SPEC.<br/>ADM</b> | COUNTY<br>State Grant | # of volunteers recruited.                               |
| 4. Improve county website to inform, educate and engage users and browsers.   | 1. Update County Website with timely and useful Walworth County Land and Water Information  | LURM GS/IS          | Annually<br>Up-dated monthly<br><b>HIGH</b>          | 120 hrs./yr.<br>\$5568./yr.<br><b>R. TECH</b>                         | COUNTY                | Measure and assess the number of website hits. Feedback. |
| 5. Increase the use of media to educate Walworth County residents on conservation issues and sustainable practices.                         | 1. Publish news features on conservation needs, practices, events and accomplishments, including the County Administrator's Column. | LURM FSA UEWX NRCS  | Annually<br>1 feature/yr.<br><b>HIGH</b>             | 5 hrs./yr.<br>\$250/yr.<br><b>ADM.</b>                                | COUNTY                | # of press releases, feedback                            |
| 6. Sponsor opportunities for the public to learn about sustainable land & water conservation practices.                                     | 1. Sponsor tours of conservation practices in Walworth County   | LURM WDNR UWEX      | Annually<br>1 event/yr.<br><b>MODERATE</b>           | 20 hours/yr.<br><b>\$1000./yr.<br/>ADM</b>                            | Registration Fees     | Feedback from tour participants                          |

# Walworth County Land and Water Resource Management Plan: 5-Year Work Plan (2016-2020)

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## SUMMARY OF ANNUAL WALWORTH COUNTY CONSERVATION DIVISION STAFF HOURS and STAFF COST.

| Land & Water Resource Management Program                    | Staff Assignments  | Staff Hours         | Staff Cost        |
|---|--|---------------------|-------------------|
| <b>Rural Conservation Program (Goals #1 and #4)</b>         | Senior Conservation Technician (Rural)<br>Conservation Technician (Rural)            | <b>5830 hours</b>   | <b>\$249,913.</b> |
| <b>Aquatic Invasive Species (Goal #3)</b>                   | Conservation Technician (Lakes)  | <b>2080 hours</b>   | <b>\$ 83,989.</b> |
| <b>Urban Conservation Program (Goal #2)</b>                 | Urban Conservation Specialist<br>Urban Conservation Technician                       | <b>4450 hours</b>   | <b>\$194,156.</b> |
| <b>Other Conservation Programs (Goals 4, 5, 6, &amp; 7)</b> | Senior Conservation Technician (Rural)<br>Urban Conservation Specialist Conservation | <b>2453 hours</b>   | <b>\$115,298.</b> |
|   |  | <b>14,813 hours</b> | <b>\$643,356.</b> |

### **Disclaimer – Financial availability**

The implementation of the activities scheduled in this work plan are subject to the availability of federal, state and local sources of funding to support staff and program costs.

**CORRESPONDENCE/MEMORANDUM**\_\_\_\_\_ **State of Wisconsin**

**DATE:** July 25, 2015

**TO:** Land and Water Conservation Board Members and Advisors

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

**SUBJECT:** Request for five-year extension of the Jefferson County Land and Water Resource Management plan

**Recommended Action:** Staff requests the LWCB to recommend approval of Jefferson County's request to extend the expiration date of the county land and water resource management plan until December 31, 2020.

**Summary:** The land and water resource management plan for Jefferson County is currently approved through December 31, 2015. In order to maintain eligibility for grant funding through the soil and water resource management grant program, Jefferson County must receive approval of an updated plan or approval of a request to extend the plan expiration date before December 31, 2015.

The Jefferson County land and water resource management plan was last approved in 2011 with an expiration date of 2015. At that time, the plan was written with a 10-year planning horizon. Jefferson County has completed the appropriate extension request form, guidance checklist, and provided an updated plan of work that will cover activities during the five year extension period. The presentation to LWCB members will provide detailed information on the county's accomplishments over the last five years of the plan implementation.

**Materials Provided:**

Jefferson County extension request materials:

- *4 to 5 year Extension Request form*
- *County-prepared LWCB checklist*
- *Jefferson County LWRM Plan of Work 2016-2020*

**Presenters:** Mark Watkins, Jefferson County Conservationist



Land and Water Conservation Board  
 County Land and Water Resource Management Plan  
 Form to Request Extensions of 4 or 5 Years

County: Jefferson

Extension request:  4 years  5 years

Reason for request: Pre Approved 10 year plan- 5 Year Extension

**Requirements for a four or five year extension**

1. Describe your county's progress in meeting planned goals and activities (e.g., nutrient management, water quality, FPP, etc) by listing key benchmarked activities pursued over the last five years.<sup>1</sup>

See Attached.

2. Attach a completed guidance checklist documenting that your county plan has measurable benchmarks for key activities, an effective priority farm strategy, and includes sufficient elements to reflect a ten year planning horizon. An updated priority farm strategy may also be attached, if necessary.<sup>2</sup>

3. Attach an updated work plan that covers planned activities during the four of five year extension period you have requested.

Has your Land Conservation Committee approved this request?  Yes  No

Date approved: 06/2015

If no, approval expected by: (date of next LCC meeting)

Additional Comments (please limit response to two sentences):

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

*[Handwritten Signature]* Date: 7/1/15

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

<sup>1</sup> Approval of this request requires a presentation to the LWCB to provide a detailed presentation identifying benchmarked activities and your progress in achieving the benchmark over the last five years.

<sup>2</sup> Guidance checklist available at: <http://datcp.wi.gov/uploads/Environment/doc/GuidanceChecklist.doc>

## **2011-2015 Accomplishments**

### **Jefferson County Land and Water Resources Management Plan**

**Goal #1: Improve and protect soil, surface water, and groundwater quality through the implementation of the Working Lands Initiative and the Agricultural Performance Standards.**

#### **Working Lands Initiative**

- Educated landowners regarding changes to the Farmland Preservation Program (FPP).
- Completed compliance checks in 4 quadrants of the county in 4 years (2011-2014), totaling 794 on-farm reviews. This system continues to be implemented. In 2015, 191 farms were monitored for compliance.
- Required FPP participants to have nutrient management plans starting with the 2013 crop year.
- All livestock performance standards were required to be met by FPP participants by December 31, 2014. 8 farms were given an extension to the deadline.
- Currently there are 668 participants and 110,435 acres enrolled in FPP.
- In 2015, there have been 578 Certificates of Compliance issued to landowners. We anticipate having the majority of the certificates issued by December 2015.

#### **Agricultural Performance Standards**

- Agriculture performance standards have been met on farms through technical assistance, cost-sharing, the Farmland Preservation Program, the Animal Waste Storage and Nutrient Management Ordinance, and the Livestock Siting provisions for expanding livestock operations. Please see Table 1 for the achievements of the cost-share program.
- As of December 2014, there are 108,800 acres of farmland that have nutrient management plans.
- Since December 2010, staff conducted 9 classes for farmers/landowners to learn how to write their own nutrient management plan. In total, 74 people have been trained. In addition 12 classes have been held for those who want/need assistance with updating their plans.
- Updated the Animal Waste Storage and Nutrient Management Ordinance in 2014 to be in line with some of the requirements contained in ATCP 51 Livestock Facility Siting.

**Goal #2. Protect and enhance surface water, ground water, and wetland quality, and associated habitat areas.**

#### **Livestock Siting**

- Livestock facilities have expanded according to standards that protect resources. Since 2011, staff reviewed 10 permit applications for livestock expansions and 5 amendments to the worksheets that did not include livestock expansions.

### **Rock River Recovery**

- LWCD staff provided advice and resources to the City of Oconomowoc who is working to implement an adaptive management program to reduce phosphorus delivery to the Oconomowoc River.

### **Water Resource Protection through Conservation Programs**

- Protected surface water resources and habitat quality through implementation of the Conservation Reserve Enhancement Program. 26 stream buffer projects were implemented.
- 1 streambank protection project was implemented through cost-sharing. Staff provided technical assistance to numerous landowners on shoreline and streambank erosion control projects.
- 3 well closures have been implemented through cost-sharing.

### **Water Resource Technical Expertise**

- Completed the following plans/reports: lake management plans for Hope Lake and Mud Lake; aquatic plant management plans for Rome Pond and Lower Spring Lake; various reports on pollutant sources and solutions to pollution in a watershed draining to Rock Lake; report on Rock Lake near-shore fish.
- Organized aquatic plant and algae information sessions for Rock Lake and Lake Ripley.
- LWCD staff provides data, data analysis, maps, educational resources, and technical assistance to municipalities, citizens, water resource groups, and other County Departments.
- Expertise is provided on a wide range of topics including water quality monitoring and data analysis, shoreland habitat protection, shoreland zoning, DNR waterway permits, wetland disturbance and restoration, construction site erosion control and ordinances, aquatic plant monitoring and data analysis, and groundwater protection.

**Goal #3. Preserve and protect natural areas, woodlands, open space, and farmland for the benefit of Jefferson County citizens and visitors.**

### **Jefferson County's Purchase of Agricultural Conservation Easement Program**

- The County's PACE program was moved to be under the management of the Jefferson County LWCD (from the Zoning Department) in 2014.
- 5 permanent easements have been issued covering 633 acres.
- Working budget of approximately \$232,000 of County funds.

### **Tree Seedling Program**

- From 2011-2015, 40,600 trees and shrubs were sold to the public via the annual sale.
- LWCD has also distributed free trees to the public. The trees have been provided by through Living Lands and Water's Million Trees project.

### **Non-Metallic Mines**

- Ensured that mines have reclamation plans that meet standards.
- Currently there are 24 active permits covering 500 acres in reclamation plans.
- Since 2011, approximately 100 acres have been restored/reclaimed.

**Goal #4. Track the state of soil, water, and natural resources through monitoring and assessment.**

### **Transect Survey**

- Perform survey each June to document cropland conditions including residue and erosion. There are over 15 years of data in Jefferson County.
- Any concerns that have to do with Agricultural Performance Standards are identified and solutions are pursued.

### **Quality of Water Resources**

- Performed the following surveys/monitoring: annual aquatic plant surveys on Lower Spring Lake; near-shore fish survey on Lake Ripley, Rock Lake, and Mud Lake; bulrush survey on Rock Lake; monthly (in the summer) water quality sampling on Rock Lake.
- Train, equip, and support citizen lake monitors. Currently 5 lakes have 6 citizens who perform monitoring. Data is tracked and analyzed.
- Train, equip, and support citizen stream monitors with assistance from the Rock River Coalition. There are currently 25 people stationed at 15 sites on 11 streams in the County. There are 3 more citizens that need to be placed after adequate sites are found.

**Goal #5. Educate and inform the public regarding Jefferson County resources and LWCD services.**

### **Educational Efforts**

- LWCD staff attended numerous meetings of citizen organizations to update them on resource issues.
- Numerous press releases are issued each year regarding LWCD programs and projects which have resulted in articles in area newspapers and radio interviews.
- Staff also interact with the public and provide information via one-on-one conversations, e-mail, LWCD website, and direct mail.

Table 1. Jefferson County Cost-sharing Program Accomplishments.

| YEAR          | SEG \$<br>Cost Shared  | BOND \$<br>Cost Shared   | Best Management Practices Installed  |
|---------------|--|--|--|
| 2011          | \$3,499.60   | \$19,999.50  | 130 Acres Nutrient Management Plans<br>3 Waste Storage Closures  |
| 2012          | \$24,955   | \$19,819.80  | 891.25 Acres Nutrient Management Plans<br>2 Waste Storage Closures<br>1 Roof Runoff System<br>130 Feet Streambank Protection<br>150 Feet Livestock Fencing   |
| 2013          | \$28,140   | \$35,179   | 1,005 Acres Nutrient Management Plans<br>4 Waste Storage Closures<br>1 Well Abandonment<br>1 Roof Runoff System<br>1 Water & Sediment Control Basin  |
| 2014          | \$31,199   | \$20,000   | 1,316.25 Acres Nutrient Management Plans<br>2 Waste Storage Closures<br>2 Well Abandonments<br>1 Roof Runoff System<br>1 Clean Water Diversion (approx. 800 feet)<br>1 Waterway (approx. 300 feet)<br>1 Grade Stabilization Structure  |
| 2015          | \$28,000<br>Allocated  | \$32,500<br>allocated  | Planned to Date:<br>730 Acres Nutrient Management Plans<br>2 Waste Storage Closures  |
| <b>Totals</b> | <b>\$87,793.60 +</b><br>\$28,000 (2015)<br><b>= \$115,793.60</b> | <b>\$94,998.30 +</b><br>\$32,500 (2015)<br><b>= \$127,498.30</b> | Achieved 2011-2014:<br>3,342.50 Acres Nutrient Management Plans<br>11 Waste Storage Closures<br>4 Roof Runoff Systems<br>130 Feet Streambank Protection<br>150 Feet Livestock Fencing<br>3 Well Closures<br>1 Water & Sediment Control Basin<br>1 Clean Water Diversion<br>1 Waterway<br>1 Grade Stabilization Structure |



## County-prepared checklist to determine compliance with criteria for a LWCB recommendation for a 10-year approval and 5-year extension<sup>1</sup>

### 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.<sup>1</sup>

| 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   | Ext 1-3; 40-41   |   |
| b. Implementation of stormwater management and related urban standards   | Ext 5  | Low amounts of urban activity – small urban component   |
| c. Farmland Preservation conservation compliance   | Ext 1-2, 42-43   |   |
| d. Groundwater protection: quality and quantity  | Ext 4-5  |   |
| e. Permit and ordinance administration   | Ext 1-8  |   |
| f. Lake and stream protection (e.g. shoreline protected, invasive species management)  | Ext 4-8  |   |
| g. Watershed protection (e.g. phosphorus reduction/trading, TMDL, nitrogen management)   | Ext 1-4  |   |
| h. Program evaluation and monitoring   | Ext 7-8  |   |
| i. Spending of state cost-share funds  | Ext 2-5  |   |
| j. Forestry management   | Ext 6-7  |   |
| 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? | Ext 1-7<br>40-49   |   |
| 3. Does the county’s priority farm strategy include the following items?   |  |   |
| a. Effectively implement state performance standards and conservation practices on farms   | 43-47  |   |
| b. Identify the specific conditions such as cropland nutrient runoff that will be addressed  | 43-47  |   |
| c. Provide an adequate framework to evaluate whether the county is making reasonable progress in implementing all high priority activities   | 49   |   |

<sup>1</sup> 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.<sup>1</sup>

| 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, 4, 14   |  |
| 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.   | 5-6<br>Ext 1-8   |  |
| c. The planning documents make a reasonable attempt to forecast applicable trends for a period of at least 10 years into the future.  | Ext 1-8  |  |
| 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.                               | 5-6<br>Ext 1-8   |  |
| 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 | 49   |  |

**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.

## Jefferson County Land and Water Resources Management Plan Work Plan – 2016-2020 Extension

The Jefferson County Land and Water Resources Management Plan was developed to plan for a ten year period from 2011 through 2020. The work plan contained below is a revision completed in 2015.

Overall Goal of Land and Water Resources Management Plan: Families and individuals deserve to have productive farmland, healthy natural areas, and clean water to use and enjoy. Therefore the overall goal of this plan is to restore, improve, and protect land and water resources in Jefferson County.

The work plan details the goals, objectives, and activities of the Jefferson County Land and Water Resources Management Plan. This work plan was developed to achieve the overall goal listed above. Items in the work plan that are identified in bold are priority activities for the Land and Water Conservation Department. It is important to note that the implementation of the work plan is dependent on receiving adequate financial resources to cover staff and the cost-sharing programs.

**Goal #1: Improve and protect agricultural land (and at the same time soil, surface water, and groundwater quality) through the implementation of agricultural programs, and State and County laws.**

| Objectives   | Activities (Responsible Agencies)  | Time Frame or Anticipated Outcome |
|--|--|-----------------------------------|
| <p><b>Implement the Working Lands Initiative Farmland Preservation Program to Protect County Resources.</b><br/>Benchmark: Complete status reviews &amp; issue compliance timelines in 4 quadrants of county in 4 years (see WLI text on page 42).</p> | Continue outreach to landowners on the requirements of the program. (LWCD/DATCP)   | Ongoing                           |
|  | Perform on-site evaluations to determine compliance status. (LWCD)   | ~190/year                         |
|  | Assist landowners with becoming compliant with requirements of program (i.e., develop and revise conservation plans, and technical assistance for necessary conservation practices and nutrient management plans). (LWCD/NRCS/DATCP) | Ongoing                           |
|  | Require FPP participants to be compliant with upcoming NR 151 rules (tillage, P-index, processed wastewater). (LWCD)   | 2019                              |

| Objectives   | Activities (Responsible Agencies)   | Time Frame or Anticipated Outcome           |
|--|---|---|
|  | Increase participation in FPP. (LWCD)   | Ongoing:<br>20 new participants/yr          |
|  | Take necessary steps (plan revisions, practice development, or notice of noncompliance) when landowners are non-compliant with requirements of program. (LWCD)  | As needed                                   |
| Implement the Agricultural Performance Standard to Protect County Resources. | <b>Provide technical assistance and cost-sharing so that farms attain compliance with the Agricultural Performance Standards.</b> (LWCD/NRCS/DATCP) Benchmark: Farms achieve standards by using DATCP cost-share funds. | Fully spend cost-share allocation           |
|  | Continue working to engage DNR to develop and sign a Memorandum of Understanding regarding enforcement responsibilities for Ag Performance Standards and Prohibitions. (LWCD/DNR)                                       | MOU completed in 2019-2020                  |
|  | <b>Educate landowners about upcoming NR 151 rules having to do with tillage setbacks, the phosphorus index, and handling of processed wastewater.</b> (LWCD)  | 2016 initially & Ongoing                    |
|  | Take necessary enforcement steps to attain compliance with Ag Performance Standards. (LWCD/DNR)   | Ongoing                                     |
|  | Educate landowners about the manure storage and nutrient management ordinance and assist them with permits to ensure that manure storage facilities are built, expanded, and closed according to standards. (LWCD)      | Ongoing                                     |
|  | <b>Ensure that manure facilities are built, expanded, and closed according to standards.</b> (LWCD/NRCS/DATCP)  | As needed; all construction meets standards |

| Objectives  | Activities (Responsible Agencies)  | Time Frame or Anticipated Outcome  |
|---|--|--|
|   | <p><b>Ensure that runoff is diverted away from feedlots, barnyards, and manure storage areas</b> by working with landowners to implement practices including roof runoff systems, clean water diversions, and grass waterways. (LWCD/NRCS/DATCP)</p>   | <p>As needed:<br/>~300 ft/yr diversions;<br/>~700 ft/yr waterways<br/>~1 roof runoff system/yr</p> |
|   | <p><b>Ensure that nutrient management plans are written and implemented to comply with standards, including cost-sharing of plans.</b> (LWCD/DNR)</p>  | <p>Ongoing;<br/>~1,000 acres/year</p>  |
|   | <p>Provide education on nutrient management planning and implementation; includes teaching farmers how to write their own plan, and holding plan update classes for farmers. (LWCD/UW-EX/DATCP/NRCS)</p>   | <p>1 class/yr<br/>3 updates/yr</p>   |
|   | <p><b>Investigate and track manure spreading complaints and work with partners to remedy any problems.</b> (LWCD/DNR) Benchmark: All problems remedied, and ensure the farms placed on list for nutrient management plan cost-sharing opportunities.</p>   | <p>As needed</p>   |
|   | <p><b>Work with livestock operations to ensure they are compliant with Manure Management Prohibitions:</b> 1. no overflow of manure storage, 2. no unconfined manure pile in a water quality management area, 3. no direct runoff from a feedlot or stored manure into waters of the state, 4. no unlimited access by livestock to waters of the state in a location that adequate sod or vegetative cover is not maintained. (LWCD/DNR) Benchmark: All problems remedied.</p> | <p>As needed</p>   |
| <p><b>Ensure that livestock facilities expand according to standards that protect County resources.</b></p> | <p>Review application materials and worksheets for completion with Livestock Siting rules. (LWCD)</p>  | <p>As needed</p>   |
|   | <p>Provide information on status of applications to Zoning, landowners, and DATCP. (LWCD/Zoning)</p>   | <p>As needed</p>   |

| Objectives   | Activities (Responsible Agencies) | Time Frame or Anticipated Outcome |
|--|-----------------------------------|-----------------------------------|
| Benchmark: Facilities compliant with standards.  | Attend public meetings. (LWCD)    | As needed                         |
| <b>Statutes, Administrative Rules, Ordinances:</b> ch. 88 Drainage of Lands, ch. 91 Farmland Preservation, ch. 92 Soil and Water Conservation and Animal Waste Management, ATCP 50 Soil and Water Resource Management Program, ATCP 51 Livestock Facility Siting, NR 151 Runoff Management, NR 243 Animal Feeding Operations, Jefferson County Zoning Ordinance, Jefferson County Animal Waste Storage and Nutrient Management Ordinance |                                   |                                   |
| <b>Costs:</b> 30,000 hours of staff time over 5 years, \$300,000 in cost share funds over 5 years.   |                                   |                                   |

**Goal #2. Protect and enhance surface water, ground water, and wetland quality, and associated habitat areas.**

| Objectives  | Activities (Responsible Agencies)   | Time Frame or Anticipated Outcome |
|---|---|-----------------------------------|
| Protect surface water resources and habitat quality through implementation of the Conservation Reserve Enhancement Program.     | Work with landowners and FSA to implement stream buffers, waterways, and wetland restorations. (FSA/LWCD)                               | On going<br>~ 2 contracts/yr      |
| <b>Reduce sediment and phosphorus delivery to the Rock River through implementation of the Rock River Recovery Plan (TMDL).</b> | Work with landowners and municipalities to implement practices to achieve pollutant reduction goals. (LWCD/NRCS/FSA/DNR/municipalities) | 2016 - 2020                       |
| Ensure drainage district ditches have required 20 foot buffer.  | Determine strategy and survey drains to document buffer width. (LWCD)   | 2019-2020                         |
|   | Work with the Farm Drainage Board on survey results and necessary actions (LWCD/Farm Drainage Board)                                    | 2019-2020                         |
|   | Provide information to affected landowners. (LWCD)  | As needed                         |
| Ensure that groundwater is protected  | Provide landowners with information on testing their  | As needed                         |

| Objectives   | Activities (Responsible Agencies)   | Time Frame or Anticipated Outcome |
|--|---|-----------------------------------|
| from pollution.  | drinking water wells. (LWCD/UW-EX)  |                                   |
|  | <b>Provide cost-sharing for the closure of wells.</b> (LWCD)  | As needed<br>~1 well closures/yr  |
| Ensure the stabilization of shoreline erosion on agricultural, residential, and public lands.  | <b>Provide landowners with technical assistance, and cost-sharing to control shoreline erosion.</b> (LWCD)  | As needed<br>~30 ft/yr            |
|  | Assist landowners with the state and county permit process. (LWCD/DNR/Zoning)   | As needed                         |
|  | Educate citizens and municipalities about construction site erosion control measures and laws. (LWCD/DNR/Zoning)                                  | As needed                         |
| <b>Ensure decision-makers have the resource information and tools necessary to achieve protection of lakes and rivers in the county.</b><br>Benchmark: Provide necessary information to decision-makers. | Provide water resource groups and municipalities with data, maps, educational resources and technical assistance. (LWCD/UW-EX/DNR/RRC)            | Ongoing                           |
|  | Obtain grants to fill data and information gaps, and develop management plans. (LWCD/DNR/water groups)  | As needed                         |
|  | Support the County's efforts to develop and protect green space and environmental corridors that surround lakes, rivers and streams. (LWCD/Parks) | As needed                         |
| <b>Ensure that Jefferson County adopts state minimum standards for shoreland zoning.</b>   | Assist the Zoning Department with updating the shoreland ordinance language. (Zoning/LWCD/DNR)  | 2016                              |
| Enable citizens to restore wetlands.   | Direct landowners to cost-sharing programs and technical assistance for wetland restorations. (LWCD/NRCS/DNR)                                     | As needed<br>~2 restorations/yr   |
| Prevent the loss of wetlands.  | Educate the public, land use planning entities, and municipalities about the benefits of wetlands, and laws governing wetlands. (LWCD/DNR/Zoning) | As needed                         |
|  | Encourage the County, towns, and municipalities to have a minimum building setback from wetlands. (LWCD)  | As needed                         |
| <b>Statutes, Administrative Rules, Ordinances:</b> ch. 92 Soil and Water Conservation and Animal Waste Management, ATCP 50 Soil  |   |                                   |

| Objectives  | Activities (Responsible Agencies) | Time Frame or Anticipated Outcome |
|---|-----------------------------------|-----------------------------------|
| and Water Resource Management Program, NR 115 Wisconsin's Shoreland Management Program, NR 117 Wisconsin's City and Village Shoreland-Wetland Protection Program, NR 216 Storm Water Discharge Permits, NR 812 Well Construction and Pump Installation, Jefferson County Zoning Ordinance |                                   |                                   |
| <b>Costs:</b> 20,000 hours of staff time over 5 years; \$40,500 in cost-share funds over 5 years  |                                   |                                   |

**Goal #3. Preserve and protect natural areas, woodlands, open space, and farmland for the benefit of Jefferson County citizens and visitors.**

| Objectives  | Activities (Responsible Agencies)  | Time Frame or Anticipated Outcome |
|---|--|-----------------------------------|
| Assist with the implementation of the Glacial Heritage Area Plan.               | Provide technical support (including planning, grant identification and writing) for natural area and agricultural lands protection. (DNR/Parks/LWCD/Zoning) | As needed                         |
|   | Provide necessary maps for GHA implementers. (LWCD/LIO)  | As needed                         |
| Implement the County's Purchase of Agricultural Conservation Easements program. | Provide administration, technical support, and maps for PACE program. (LWCD)   | As needed                         |
| Encourage the planting of trees and shrubs.                                     | Promote and implement the annual tree and shrub sale. (LWCD/DNR Forester)  | Annually<br>~8,000 trees/yr       |
| Ensure the proper management and protection of woodlands.                       | Provide landowners with information regarding the Managed Forest Law and direct them to the DNR forester. (LWCD/DNR Forester)                                | As needed                         |
|   | Provide educational resources and DNR forester contacts to citizens requesting information on woodland issues. (LWCD)  | As needed                         |
|   | Educate landowners about prevention and control of gypsy moths and emerald ash borers. (LWCD/DNR)  | As needed                         |
|   | Educate landowners regarding the emerald ash bore.   | As needed                         |

| Objectives   | Activities (Responsible Agencies)   | Time Frame or Anticipated Outcome |
|--|---|-----------------------------------|
|  | (LWCD/DNR)<br>Coordinate the gypsy moth suppression program with landowners and the DNR. (LWCD/DNR)   | As needed                         |
| Maintain the Potters Field.  | Implement weed management and plant establishment. (LWCD/Parks)   | Annually                          |
| <b>Ensure that non-metallic mines are restored according to standards.</b>               | Implement the law requiring mines to have reclamation plans that meet standards. (LWCD/Zoning)  | Ongoing                           |
|  | Inspect and certify proper restoration that adheres to planned reclamation standards. (LWCD)  | 24 inspections/yr                 |
| Implement the Wildlife Damage Abatement and Claims Program                               | Assist landowners with preventing wildlife damage to their crops and provide a pass through from USDA to the landowner for partial payment for crop losses. (LWCD/USDA) | Annually                          |
| Implement the Deer Donation Program  | Provide a pass through from USDA to venison processors for the cost associated with preparing venison for food pantries. (DNR/LWCD)                                     | Annually                          |
|  |   |                                   |
| <b>Statutes, Administrative Rules, Ordinances:</b> NR 135 Nonmetallic Mining Reclamation |   |                                   |
| <b>Costs:</b> 5,000 hours of staff time over 5 years                                     |   |                                   |

**Goal #4. Track the state of soil, water, and natural resources through monitoring and assessment.**

| Objectives  | Activities (Responsible Agencies)   | Time Frame or Anticipated Outcome |
|---|---|-----------------------------------|
| <b>Determine progress in achieving a reduction in soil erosion on cropland.</b> | Perform transect survey to collect data on cropland conditions including information on residue and erosion. Display this information on maps. (LWCD) | Annually in June                  |
| <b>Document the location and trends of livestock in the county.</b>             | Perform livestock inventory and display information on GIS maps. (LWCD)   | 2015                              |

| Objectives   | Activities (Responsible Agencies)  | Time Frame or Anticipated Outcome |
|--|--|-----------------------------------|
| <b>Track compliance with NR 151 rules and FPP.</b>   | Finish customizing the NR 151 tracking software. (LWCD)  | 2016                              |
|  | Enter data and produce reports on compliance. (LWCD)   | Annually                          |
| <b>Determine progress in maintaining and improving the quality of lakes, rivers, and wetlands.</b> | Perform monitoring and/or compile water quality, fish, and habitat data. (LWCD/DNR)  | Annually                          |
|  | Recruit and train citizens to perform water quality monitoring and aquatic invasive species monitoring on lakes and rivers. (LWCD/RRC/DNR) | 1-2 trainings/yr                  |
|  | Use maps to display conservation projects and land preservation associated with lakes/rivers/wetlands. (LWCD)                              | On going                          |
| <b>Statutes, Administrative Rules, Ordinances:</b> NR 151 Runoff Management                        |  |                                   |
| <b>Costs:</b> 5,000 hours of staff time over 5 years   |  |                                   |

**Goal #5. Educate and inform the public regarding Jefferson County resources and LWCD services.**

| Objectives   | Activities (Responsible Agencies)  | Time Frame or Anticipated Outcome |
|--|--|-----------------------------------|
| Ensure that the public is informed about land and water resources and the services provided by LWCD. | <b>Provide or facilitate educational talks to various groups.</b> (LWCD)                               | 6 talks/yr                        |
|  | Provide information and education to the public via direct mail, press releases, and radio interviews. | As needed                         |
|  | Create maps for customers showing various layers. (LWCD)   | Ongoing                           |
|  | Update the LWCD website. (LWCD)  | Monthly                           |
| <b>Costs:</b> 1,000 hours of staff time over 5 years   |  |                                   |

Key to Responsible Agencies:

DATCP – Department of Agriculture, Trade, and Consumer Protection

DNR – Department of Natural Resources

FSA – Farm Service Agency, U.S. Department of Agriculture

LIO – Jefferson County Land Information Office

LWCD – Jefferson County Land and Water Conservation Department

NRCS – Natural Resources Conservation Service, U.S. Department of Agriculture

Parks – Jefferson County Parks Department

RRC – Rock River Coalition

USDA – U.S. Department of Agriculture

UW-EX – University of Wisconsin-Extension

Zoning – Jefferson County Zoning and Planning Department

**CORRESPONDENCE/MEMORANDUM**\_\_\_\_\_ **State of Wisconsin**

**DATE:** July 22, 2015

**TO:** Land and Water Conservation Board Members and Advisors

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

**SUBJECT:** Request for five-year extension of the Winnebago County Land and Water Resource Management plan

**Recommended Action:** Staff requests the LWCB to recommend approval of Winnebago County's request to extend the expiration date of the county land and water resource management plan until December 31, 2020.

**Summary:** The land and water resource management plan for Winnebago County is currently approved through December 31, 2015. In order to maintain eligibility for grant funding through the soil and water resource management grant program, Winnebago County must receive approval of an updated plan or approval of a request to extend the plan expiration date before December 31, 2015.

The Winnebago County land and water resource management plan was last approved in 2010 with an expiration date of 2015. At that time, the plan was written with a 10-year planning horizon. Winnebago County has completed the appropriate extension request form, guidance checklist, and provided an updated plan of work that will cover activities during the five year extension period. The presentation to LWCB members will provide detailed information on the county's accomplishments over the last five years of the plan implementation.

**Materials Provided:**

Winnebago County extension request materials:

- *4 to 5 year Extension Request form*
- *County-prepared LWCB checklist*
- *Winnebago County LWRM Plan of Work 2016-2020*

**Presenters:** Tom Davies, Winnebago County Conservationist



**Land and Water Conservation Board  
County Land and Water Resource Management Plan  
Form to Request Extensions of 4 or 5 Years**

**County:** Winnebago

**Extension request:**  4 years  5 years

**Reason for request:** To complete implementation of the second half of our 10 year plan.

**Requirements for a four or five year extension**

1. Describe your county's progress in meeting planned goals and activities (e.g., nutrient management, water quality, FPP, etc) by listing key benchmarked activities pursued over the last five years.<sup>1</sup>
  
2. Attach a completed guidance checklist documenting that your county plan has measureable benchmarks for key activities, an effective priority farm strategy, and includes sufficient elements to reflect a ten year planning horizon. An updated priority farm strategy may also be attached, if necessary.<sup>2</sup>
  
3. Attach an updated work plan that covers planned activities during the four of five year extension period you have requested.

**Has your Land Conservation Committee approved this request?**  Yes  No

Date approved: 1/8/2015

If no, approval expected by: (date of next LCC meeting)

**Additional Comments** (please limit response to two sentences):

**Signature of Authorized Representative:** Thomas E. Davies **Date:** 1/8/2015  
(e.g. County Conservationist, LCC chair)

Send completed form and attachments to:

Lisa.Trumble@wi.gov

<sup>1</sup> Approval of this request requires a presentation to the LWCB to provide a detailed presentation identifying benchmarked activities and your progress in achieving the benchmark over the last five years.

<sup>2</sup> Guidance checklist available at: <http://datcp.wi.gov/uploads/Environment/doc/GuidanceChecklist.doc>

| Best Management Practice                                      | Units Installed or Achievement by Year |           |           |           |               |               |
|---|--|-----------|-----------|-----------|---------------|---------------|
|   | 2010                                   | 2011      | 2012      | 2013      | 2014          | Total         |
| Grassed Waterway  | 1,663 ft.                              | 4,211 ft. | 7,721 ft. | 3,052 ft. | 6,459 ft.     | 23,106 ft.    |
| Lined Waterway or Outlet                                      |  |           |           | 586 ft.   |               | 586 ft.       |
| Shoreline/Streambank Protection                               | 475 ft.                                | 1,769 ft. | 80 ft.    |           | 2,165 ft.     | 4,489 ft.     |
| Shoreline Habitat Restoration                                 | 235 ft.                                | 500 ft.   | 80 ft.    |           |               | 815 ft.       |
| Critical Area Stabilization                                   |  |           |           | 5.5 acres | 10.5 acres    | 16.0 acres    |
| Heavy Use Area Protection                                     |  |           |           |           | 8,100 sq. ft. | 8100 sq. ft.  |
| Barnyard Runoff Control Systems                               | 2                                      | 2         | 2         |           |               | 6             |
| Roof Runoff Structure   |  |           |           |           | 115 ft.       | 115 ft.       |
| Subsurface Drain  |  |           |           |           | 2             | 2             |
| Vegetated Treatment Area                                      |  |           |           |           | 3 - 1.6ac.    | 3-1.6 acres   |
| Diversion   |  |           | 1         | 925 ft.   | 450 ft.       | 1 & 1,375 ft. |
| Wetland Restoration   | 5.5 acres                              | 1.5 acres | 9.0 acres | 4.6 acres | 1.3 acres     | 21.9 acres    |
| Livestock/Machinery Crossing                                  |  | 1         | 4         | 3         |               | 8             |
| Access Roads  | 115 ft.                                |           |           |           | 100 ft.       | 215 ft.       |
| Well Abandonments   | 21                                     | 15        | 22        | 8         | 19            | 85            |
| Manure Storage Structures                                     | 6                                      | 4         | 2         | 2         | 4             | 18            |
| Manure /Waste Transfer  |  | 3         | 2         | 4         | 6             | 15            |
| Manure Storage Abandonment                                    | 2                                      |           | 1         |           |               | 3             |
| Sinkhole Treatment  |  |           | 1         |           |               | 1             |
| Pumping Plant   |  |           |           | 1         | 5             | 6             |
| Fencing   |  |           |           | 800 ft.   | 822 ft.       | 1622          |
|   |  |           |           |           |               |               |
| New NMP Acres   | 6,969                                  | 5,753     | 6158      | 3,158     | 5100          | 27,138        |
| Total NMP   | 31,386                                 | 37,139    | 43,297    | 46,455    | 51,555        | 51,555        |
|   |  |           |           |           |               |               |
| Livestock Waste Mgmt Pemits Issued                            | 16                                     | 49        | 12        | 12        | 20            | 109           |
| Erosion Control Permits Issued                                | 164                                    | 135       | 182       | 178       | 148           | 807           |
|   |  |           |           |           |               |               |
| <b><u>Primary (65) &amp; Secondary (9)Priority Farms*</u></b> |  |           |           |           |               |               |
| New Farms Certified Full Compliance                           |  | 2         | 22        | 32        | 18            |               |
| Total Farms Certified Full Compliance                         |  | 2         | 24        | 56        | 74            | 74            |
|   |  |           |           |           |               |               |
| New Cropland Acres Compliant                                  |  | 560       | 3600      | 5540      | 1780          |               |
| Total Cropland Acres Compliant                                |  | 560       | 4160      | 9700      | 11,480        | 11,480        |
|   |  |           |           |           |               |               |
|   |  |           |           |           |               |               |

\*Primary Priority Farms are those participating in the Farmland Preservation Program. Secondary Priority Farms are those with selected criteria (steep erodible soils) within a water quality management sorted via our GIS system.



## County-prepared checklist to determine compliance with criteria for a LWCB recommendation for a 10-year approval and 5-year extension<sup>1</sup>

### 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.<sup>1</sup>

| 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   | 26-32 51-52  |   |
| b. Implementation of stormwater management and related urban standards   | 27, 33, 35, 39 & 55                                      |   |
| c. Farmland Preservation conservation compliance   | 26, 29, 31, 33, 51 & 52                                  |   |
| d. Groundwater protection: quality and quantity  | 27, 29 & 53  |   |
| e. Permit and ordinance administration   | 32, 33, 51-53 & 55                                       |   |
| f. Lake and stream protection (e.g. shoreline protected, invasive species management)  | 27, 28, 51, 52, 54, 56 & 59                              |   |
| g. Watershed protection (e.g. phosphorus reduction/trading, TMDL, nitrogen management)   | 26-33, 36 & 51-60  |   |
| h. Program evaluation and monitoring   | 41-42 & 51-60  |   |
| i. Spending of state cost-share funds  | 28-29, 31, 33-36, 38-39 & 51-59                          |   |
| j. Forestry management   | 27, 37-39 & 57-58  |   |
| 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? | 26-27, 39-42 & 51-60                                     |   |
| 3. Does the county’s priority farm strategy include the following items?   |  |   |
| a. Effectively implement state performance standards and conservation practices on farms   | 26-32 & 51-60  |   |

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

|  |                |  |
|--|----------------|--|
| b. Identify the specific conditions such as cropland nutrient runoff that will be addressed  | 27, 29 & 51-60 |  |
| c. Provide an adequate framework to evaluate whether the county is making reasonable progress in implementing all high priority activities | 41-42 & 51-60  |  |

**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.<sup>1</sup>

| 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   | Cover Page, 4, 14,17-18, 22, 26-27, 33-34, 36, 40-41 & 52-60 |  |
| 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.   | 4-5,11, 14-15, 17-19, 26, 33-34,& 52-60                      |  |
| c. The planning documents make a reasonable attempt to forecast applicable trends for a period of at least 10 years into the future.  | 5, 14-15, 17-19, 33-34 & 36-37                               |  |
| 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.                               | 3, 26-27, 36-37 & 52-60                                      |  |
| 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 | 3 & 41-42  |  |

**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.

**Revised October 1, 2013**

**APPENDIX C**

**2016- 2020 WORK PLAN**

**Objective: Keep all current FPP Participants and Get all new FPP Participants in compliance and eligible for the tax credits by December 31, 2020**

Anticipated Outcome – Approximately 100 FPP Participants will be in compliance with the Ag Perf Stds/TMDLs by 2020 providing quantifiable pollutant load reductions.

| <b>Workplan Goals<br/>(High Priorities in Bold)</b>   | <b>Annual Activities</b>   | <b>Partnering Agencies<br/>(Lead agency listed first)</b> | <b>Time Frame</b> |
|---|--|---|-------------------|
| <p><b>Complete the Ag Perf Stds reviews for new participants and achieve certification in accordance with their <i>Schedule of Compliance</i>.</b></p> <p><b>Complete all required FPP monitoring and Tracking.</b></p> <p><b>Address TMDL requirements in targeted watersheds.</b></p> | <p>Communicate to current and new participants regarding new FPP rules and requirements (feed storage &amp; tillage setback)</p> <p>Conduct group and one on one meetings</p> <p>Post/update FPP information on the LWCD Website</p> <p>Review 20 to30 FPP Participants for Ag Perf Stds Compliance</p> <p>Record Current Compliance Status on Tracking System</p> <p>Identify needed BMPs</p> <p>Send appropriate communication to Participants</p> <p>Create Schedule of Compliance</p> <p>Complete and provide needed BMP Cost Projections</p> <p>Communicate the availability of cost share funds</p> <p>Sign CSAs to provide funding for eligible BMPs</p> <p>Complete Annual FPP Certification and Progress Monitoring</p> | <p>LWCD<br/>NRCS<br/>UWEX<br/>DATCP<br/>WDNR</p>          | <p>2016-2020</p>  |

**Objective: Continue Ag Perf Stds/TMDLs implementation with the secondary focus group of landowners to help them achieve full compliance.**

Anticipated Outcome – Approximately 100 additional landowners will be in compliance with the Ag Perf Stds/TMDLs by 2020 providing quantifiable pollutant load reductions.

| <b>Workplan Goals<br/>(High Priorities in Bold)</b>   | <b>Annual Activities</b>  | <b>Partnering Agencies<br/>(Lead agency listed first)</b>                                    | <b>Time Frame</b> |
|---|---|--|-------------------|
| <p><b>Complete a minimum of 20 to 30 landowner reviews each year.</b></p> <p><b>Get a 20 to 30 farms in full compliance with the Ag Perf Stds each year as staff time and funding allows.</b></p> <p><b>Address TMDL requirements in targeted watersheds.</b></p> | <p>Conduct meetings to promote Ag Perf Stds/TMDLs<br/>           Post/update Ag Perf Stds/TMDL information on the LWCD Website<br/>           Distribute various BMP and Program information<br/>           Review 20 to 30 Landowners for Ag Perf Stds/TMDL Compliance<br/>           Record Current Compliance Status<br/>           Identify needed BMPs<br/>           Send appropriate communication to Participants<br/>           Complete and provide needed BMP Cost Projections<br/>           Promote NMP and conduct NMP Farmer Certification Training<br/>           Promote drinking water well testing program<br/>           Communicate the availability of cost share funds<br/>           Sign CSAs to provide funding for eligible BMPs</p> | <p>LWCD<br/>           DATCP<br/>           NRCS<br/>           WDNR<br/>           UWEX</p> | <p>2016-2020</p>  |

**Objective: Reduce Agricultural Pollutant Loading to Surface Water and Groundwater/Private Drinking Water Wells**

Anticipated Outcome – Out of service wells will be abandoned, Groundwater quality will be improved, pollutant runoff impacts will be reduced and installed BMPs via the Ag Perf Stds/TMDLs will provide quantifiable pollutant load reductions.

| <b>Workplan Goals<br/>(High Priorities in Bold)</b>   | <b>Annual Activities</b>  | <b>Partnering Agencies<br/>(Lead agency listed first)</b> | <b>Time Frame</b> |
|---|---|---|-------------------|
| <b>Reduce livestock waste and other surface runoff impacts</b>  | Conduct meetings to promote Ag Perf Stds/TMDLs<br>Implement the Ag Perf Stds/TMDLs<br>Distribute various BMP and Program information<br>Promote NMP and conduct NMP Farmer Certification Training<br>Communicate the availability of cost share funds<br>Sign CSAs to provide funding for eligible surface runoff BMPs<br>Enroll 1500 to 3000 new acres into NMP CSAs | LWCD<br>DATCP<br>NRCS<br>UWEX<br>WDNR                     | 2016-2020         |
| <b>Create awareness of groundwater issues through well water testing and promote proper well abandonments</b> | Work with Public Health to promote well water testing<br>Distribute groundwater and well abandonment info via: brochures, website and newsletters<br>Provide info to local licensed pump installers and well drillers<br>Communicate the availability of cost share funds<br>Sign 10 to 15 CSAs for Well Abandonments   | LWCD<br>UWEX<br>WDNR                                      | 2016-2020         |
| <b>React quickly to pollutant runoff complaints/spills with our DNR partners.</b>                             | Maintain open communication with WDNR staff.<br>Conduct spill prevention , reporting and clean up seminars<br>Distribute manure spill brochures and reporting protocol information<br>Review manure spill procedures with 20 to 30 landowners annually  | LWCD<br>WDNR<br>UWEX                                      | 2016-2020         |

**Objective: Reduce Pollutant Loading from “Developed” Sites**

Anticipated Outcome – Runoff from Developed Sites will be reduced in quantifiable amounts through the installation of Urban Stormwater BMPS.

| <b>Workplan Goals<br/>(High Priorities in Bold)</b>   | <b>Annual Activities</b>  | <b>Partnering<br/>Agencies<br/>(Lead agency<br/>listed first)</b> | <b>Time<br/>Frame</b> |
|---|---|---|-----------------------|
| <p>Create awareness of runoff impacts and the BMPs to address it.</p> <p>Increase filtration and infiltration of on site stormwater</p> | <p>Distribute Developed Site BMP Program Pamphlets</p> <p>Demonstrate and promote Shoreland and streambank buffers</p> <p>Promote phosphorus free lawn care products</p> <p>Promote deep rooted native plants for infiltration</p> <p>Communicate the availability of cost share funds</p> <p>Sign CSAs to provide funding for eligible surface runoff BMPs</p> <p>Install 2 to 4 Shoreland/streambank buffers</p> <p>Install 1 to 2 Rain Gardens</p> | <p>LWCD</p> <p>DATCP</p> <p>WDNR</p> <p>UWEX</p>                  | <p>2016-2020</p>      |

**Objective: Reduce Pollutant Loading from Construction Sites**

Anticipated Outcome – Runoff from Construction Sites will be reduced in quantifiable amounts through the installation of Erosion Control BMPs.

| <b>Workplan Goals<br/>(High Priorities in Bold)</b>                        | <b>Annual Activities</b>  | <b>Partnering Agencies<br/>(Lead agency listed first)</b> | <b>Time Frame</b> |
|--|---|---|-------------------|
| Create awareness of the impacts of Construction Site Erosion on resources. | Distribute Erosion Control BMPs Pamphlets<br>Provide one on one training during onsite inspections<br>Review needed BMPs with 10 to 20 permittees   | LWCD<br>UWEX<br>DATCP<br>WDNR                             | 2016-2020         |
| <b>Enforce Local Ordinances to control Construction Site Erosion</b>       | Issue 10 to 20 LWMO Permits requiring the proper BMPs<br>Conduct site inspections as required per the Ordinance<br>Contact landowners if permit requirements are not met<br>Issue stop work orders or citations if needed | LWCD  | 2016-2020         |

**Objective: Reduce Shoreland, Streambank , Wetland and Emergent Habitat Loss, Inland and on the Winnebago System**

Anticipated Outcome – Shoreland, Streambank and Wetland Restoration project installations will provide quantifiable TMDL pollutant load reductions. Responsible lake level management will reduce Shoreland impacts and increase Emergent Plant Communities on the Winnebago System. The Winnebago System will be managed to its fullest by cooperative regional oversight.

| <b>Workplan Goals<br/>(High Priorities in Bold)</b>  | <b>Annual Activities</b>   | <b>Partnering Agencies<br/>(Lead agency listed first)</b> | <b>Time Frame</b> |
|--|--|---|-------------------|
| <b>Complete Shoreland, Streambank and Wetland Restoration Projects</b>   | Support, Demonstrate and Promote Restoration BMPs<br>Distribute various BMP, TMDL and Program information<br>Support, Utilize and Communicate the availability of cost share funds such as 319, Healthy Lakes, and other Local, State and Federal Grants<br>Sign CSAs to provide funding for eligible surface runoff BMPs<br>Install 2 to 4 Restoration BMPs<br>Promote CREP and sign 2 to 4 contracts | LWCD<br>NRCS<br>WDNR<br>DATCP                             | 2016-2020         |
| Support the adoption of Ecologically Responsible Lake Level Management to stabilize and maintain Lake and Wetland Aquatic and Plant habitat Resiliency | Provide info on the LWCD Website<br>Promote the benefit of Plant Communities to the resource<br>Promote Stabilizing Water Levels through cooperative management with other agencies and conservation organizations   | LWCD  | 2016-2020         |

**Objective: Increase the Management of Land for the Sake and Betterment of the Land**

Anticipated Outcome – The number of Small and Diverse Woodlots will be maintained. Landowners will slowly reduce the amount of tillage and amendments used on their land and Soil Quality will increase. Less Industrial Wastes and Biosolids will be applied on cropland. The limited amount and availability of land will dictate a more responsible use and the drive to preserve it.

| <b>Workplan Goals<br/>(High Priorities in Bold)</b>  | <b>Annual Activities</b>   | <b>Partnering<br/>Agencies<br/>(Lead agency<br/>listed first)</b> | <b>Time<br/>Frame</b> |
|--|--|---|-----------------------|
| Increase Woodlot Development   | Promote the DNR tree sale<br>Provide tree planting equipment and tree supplies<br>Communicate the tax credits of the Managed Forest Law Program<br>Communicate the long term profitability of timber<br>Communicate the availability of cost share funds   | LWCD<br>WDNR<br>NRCS  | 2016-2020             |
| <b>Create a greater awareness of<br/>Soil Quality and Compaction</b>   | Provide info on the LWCD Website<br>Conduct a Soil Quality Workshops<br>Promote soil quality testing<br>Promote cover crops, no-till and reduced till farming with 20 to 30 landowners<br>Communicate the availability of cost share funds                 | LWCD<br>UWEX<br>NRCS<br>DATCP                                     | 2016-2020             |
| Create an awareness of the Impacts of Biosolids and Industrial Wastes on the Land  | Work with partner agencies to communicate the negative impacts of harmful soil amendments<br>Support efforts to eliminate treatable wastes from being added to soil<br>Work with partner agencies to reduce unpermitted applications of wastes to the land | LWCD<br>WDNR  | 2016-2020             |
| <b>Communicate the importance to<br/>Landowners of Considering<br/>Land Base Demands vs. Land<br/>Base Availability in their<br/>Decision Making Process</b> | Assist 20 to 30 Landowners with land evaluations and conservation planning<br>Communicate the value of certain land as it relates to resource protection<br>Communicate the availability of cost share funds to help them achieve land use balance         | LWCD<br>UWEX<br>NRCS<br>DATCP                                     | 2016-2020             |

CONTINUED:

| <b>Objective: Increase the Management of Land for the Sake and Betterment of the Land</b>   |  |   |                       |
|---|--|---|-----------------------|
| Anticipated Outcome – The number of Small and Diverse Woodlots will increase. Landowners will slowly reduce the amount of tillage and amendments used on their land and Soil Quality will increase. Less Industrial Wastes and Biosolids will be allowed on cropland. The limited amount and availability of land will dictate a more responsible use and the drive to preserve it. |  |   |                       |
| <b>Workplan Goals<br/>(High Priorities in Bold)</b>   | <b>Annual Activities</b>   | <b>Partnering<br/>Agencies<br/>(Lead agency<br/>listed first)</b> | <b>Time<br/>Frame</b> |
| Identify and Protect High Resource Lands and Support efforts to Preserve them and Farmland / Green Space  | Promote and Support the Working Lands Initiative<br>Promote and Support the Farmland Preservation Program<br>Promote and Support CREP, SAFE, CRP and other Easement and PDA Programs<br>Communicate the availability of cost share funds<br>Sign CSAs for eligible lands | LWCD<br>UWEX<br>NRCS<br>WDNR                                      | 2016-2020             |

**Objective: Reduce Invasive Species Impacting County Resources**

Anticipated Outcome – Create awareness with Landowners and Users of the Resource of the Serious Impact Invasive Species can have on the Environment. Reduce Invasive Species County Wide by supporting the efforts of other County Departments, Partner Agencies, Conservation Organizations, Lake Associations and other Environmental Groups targeting Invasive Species.

| <b>Workplan Goals<br/>(High Priorities in Bold)</b>   | <b>Annual Activities</b>   | <b>Partnering Agencies<br/>(Lead agency listed first)</b> | <b>Time Frame</b> |
|---|--|---|-------------------|
| Support Local Efforts to Contain and Control Invasive Species and Integrate Resources with Partner Agencies and Organizations to Address the issue                                    | Provide information using the LWCD Website, Newsletters and Fact Sheets<br>Partner with sister Agencies, and UWs to Educate resource users on the impacts of Invasive Species (IS), IS Containment and Control.<br>Support the IS efforts of partner agencies and local conservation organizations.  | WDNR<br>LWCD<br>UWEX<br>NRCS                              | 2016-2020         |
| Utilize Grant Resources to administer a County Program or partner with and integrate the resources of sister Agencies, UWs and Conservation Organizations to address Invasive Species | Contact other County Departments, Agency and Local Partners to identify county IS concerns<br>Identify the actions needed to address IS concerns<br>Identify funding sources that may be available to cost share expenses<br>Apply for or Support Funding Acquisition efforts of Partners targeting IS<br>Implement or support the implementation of the needed practices to address the IS of concern<br>Communicate the availability of cost share funds to landowners | WDNR<br>LWCD<br>UWEX<br>NRCS                              | 2016-2020         |

**Objective: Adjust Programs and Conservation Practices to Address the Impacts of Climate Change**

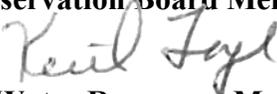
Anticipated Outcome – Create awareness of Climate Change relating to Conservation BMP adaptation. Long Range planning that acknowledges climate change and hydrologic cycle disruption will become part of the BMP revisions process. Drought related irrigation needs and impacts will be addressed through BMP adaptation and/or rule. Flood and Rainfall event frequency and amounts will be addressed through BMP adaption and/or rule.

| <b>Workplan Goals<br/>(High Priorities in Bold)</b>   | <b>Annual Activities</b>  | <b>Partnering<br/>Agencies<br/>(Lead agency<br/>listed first)</b> | <b>Time<br/>Frame</b> |
|---|---|---|-----------------------|
| <p>Support Long Range Planning that acknowledges Climate Change and Hydrologic Cycle Disruption</p> <p>Support efforts to address Drought related Irrigation needs and Groundwater Impacts</p> <p>Support efforts to address Flood and Rainfall event Amounts and Frequency</p> | <p>Meet with sister Agencies, UWs and other sources to identify Climate Change issues and concerns.</p> <p>Seek out support documents from weather monitoring institutions.</p> <p>If concerns are validated, partner with sister Agencies, UWs and other sources to create I &amp; E materials and programs.</p> <p>Share information with SOC and other Agency Engineers</p> <p>Support efforts to get BMP technical standards revised to address the current climatic situation.</p> | <p>WDNR<br/>LWCD<br/>UWEX<br/>NRCS</p>                            | <p>2016-2020</p>      |

**CORRESPONDENCE/MEMORANDUM**\_\_\_\_\_ **State of Wisconsin**

**DATE:** July 22, 2015

**TO:** Land and Water Conservation Board Members and Advisors

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

**SUBJECT:** Request for five-year extension of the Pepin County Land and Water Resource Management plan

**Recommended Action:** Staff requests the LWCB to recommend approval of Pepin County's request to extend the expiration date of the county land and water resource management plan until December 31, 2020.

**Summary:** The land and water resource management plan for Pepin County is currently approved through December 31, 2015. In order to maintain eligibility for grant funding through the soil and water resource management grant program, Pepin County must receive approval of an updated plan or approval of a request to extend the plan expiration date before December 31, 2015.

The Pepin County land and water resource management plan was last approved in 2010 with an expiration date of 2015. At that time, the plan was written with a 10-year planning horizon. Pepin County has completed the appropriate extension request form, guidance checklist, and provided an updated plan of work that will cover activities during the five year extension period. The presentation to LWCB members will provide detailed information on the county's accomplishments over the last five years of the plan implementation.

**Materials Provided:**

Pepin County extension request materials:

- *4 to 5 year Extension Request form*
- *County-prepared LWCB checklist*
- *Pepin County LWRM Plan of Work 2016-2020*

**Presenters:** Chase Cummings, Pepin County Conservationist



Land and Water Conservation Board  
 County Land and Water Resource Management Plan  
 Form to Request Extensions of 4 or 5 Years

County: PEPIN

Extension request:  4 years  5 years

Reason for request: To be consistent with a 10 year planning timeline.

**Requirements for a four or five year extension**

1. Describe your county's progress in meeting planned goals and activities (e.g., nutrient management, water quality, FPP, etc) by listing key benchmarked activities pursued over the last five years.<sup>1</sup>

Nutrient Management (new): 511.2 acres/year (benchmarked 400 acres/year);  
 Monitor and certify compliance with NR151: average 21 facilities/yr (benchmark 15/yr);  
 Technical and financial assistance for BMP's: average 33 facilities/yr (benchmark 15/yr);  
 Youth oriented conservation programs: average 1,230 students/yr (benchmark 300/yr)

2. Attach a completed guidance checklist documenting that your county plan has measureable benchmarks for key activities, an effective priority farm strategy, and includes sufficient elements to reflect a ten year planning horizon. An updated priority farm strategy may also be attached, if necessary.<sup>2</sup>
3. Attach an updated work plan that covers planned activities during the four of five year extension period you have requested.

Has your Land Conservation Committee approved this request?  Yes  No

Date approved: July 13, 2015

If no, approval expected by: (date of next LCC meeting)

**Additional Comments** (please limit response to two sentences):

Signature of Authorized Representative: Chen Cheng Date: 7/13/15  
 (e.g. County Conservationist, LCC chair) County Conservationist

<sup>1</sup> Approval of this request requires a presentation to the LWCB to provide a detailed presentation identifying benchmarked activities and your progress in achieving the benchmark over the last five years.

<sup>2</sup> Guidance checklist available at: <http://datcp.wi.gov/uploads/Environment/doc/GuidanceChecklist.doc>

| <b>GOAL 1: PROTECT AND ENHANCE THE QUALITY AND QUANTITY OF OUR WATER RESOURCES</b>  |   |                               |                  |                                      |                                       |
|---|---|-------------------------------|------------------|--------------------------------------|---------------------------------------|
| Objectives  | Actions (2011-2015)   | Partners                      | Annual LCD Hours | Annual Evaluation Tools              | Accomplishments 2011-2014             |
| <b>Protect the quality of our surface water and groundwater resources through proper nutrient management planning and implementation with agricultural and residential landowners</b> | Implement the NRCS 590 Standard with technical assistance and/or federal, state, and county cost sharing ( <b>NMP's through Priority Farm Approach</b> )  | LCD, NRCS                     | 190 hrs/yr       | Evaluate / Implement acres (400)     | 2,044.8 new acres                     |
| <b>Develop a systematic approach to monitor and certify compliance with the Ag Performance Standards</b>  | Using the Priority Farm approach: All cropland is meeting "T"; Administration of Manure Storage Ordinance; Implement clean water diversions where needed; Nutrient Management Plan Compliance/Implementation; Manure Management Prohibitions Compliance/Impl. ( <b>FPP,NR151,NMP, Storage</b> ) | LCD, NRCS, DNR                | 1,320 hrs/yr     | Evaluate facilities (15)             | 83 facilities                         |
| <b>Provide technical and financial assistance to landowners to install clean water best management practices</b>  | Implement "hard practice" BMPs with technical assistance and/or federal, state, and county cost sharing (grade stabilization struc., diversions, barnyard runoff control, waterways, streambank restoration, etc.) ( <b>Technical</b> )   | LCD, NRCS                     | 850 hrs/yr       | Evaluate/ Implement facilities (10)  | 81 facilities                         |
|   | Implement "soft practice" BMPs with technical assistance and/or federal, state and county cost sharing (buffers <b>PCBIP</b> , cover crops, contour buffer strips, etc.)  | LCD,NRCS,UWEX                 |                  | Evaluate/ Implement facilities (5)   | 49 facilities                         |
| <b>Encourage the installation of buffers along surface water resources</b>  | Implement riparian buffers along cold water streams. <b>Pepin County Buffer Incentive Program (PCBIP)</b>   | LCD NRCS                      | 60 hrs/yr        | Evaluate / Implement feet (1,000)    | 129,954 feet                          |
| <b>Promote the preservation and restoration of wetlands for groundwater quality, groundwater recharge, flood control, and wildlife habitat</b>  | Provide educational materials to landowners regarding the importance of wetlands and assist landowners wishing to enroll in the Wetland Reserve Program (WRP) and the <b>Conservation Reserve Enhancement Program (CREP)</b>  | LCD, NRCS, FSA, UWEX, LM, DNR | 30 hrs/yr        | Landowners (10)                      | 5 landowners                          |
| <b>Provide information to the public regarding groundwater quantity and its importance to a sustainable economy and environment</b>   | Provide educational materials to landowners/citizens regarding the importance of groundwater and how it relates to the water cycle, quantity and the use of high capacity wells. ( <b>WAV Stream Monitoring/Education</b> )   | LCD, NRCS, FSA, UWEX, LM, DNR | 75 hrs/yr        | Maintain Monitoring sites (5)        | 241 individuals & 13 monitoring sites |
| <b>Administration of Nonmetallic mining reclamation ordinance and NR135</b>   | Complete annual review of existing permitted facilities and administer requirements for new facilities ( <b>NMM</b> )   | LCD                           | 106 hrs/yr       | Evaluate / Implement facilities (16) | All 16 facilities each year           |
|   | <b>APPENDIX E</b>   |                               |                  |                                      |                                       |
| <b>** Objectives are listed in order of priority.</b>   |   |                               |                  |                                      |                                       |

| <b>GOAL 2: PRESERVE AND MAINTAIN OUR VALUABLE SOIL RESOURCES</b>  |  |                                   |                  |                                      |                             |
|---|--|-----------------------------------|------------------|--------------------------------------|-----------------------------|
| Objectives  | Actions (2011-2015)  | Partners                          | Annual LCD Hours | Annual Evaluation Tools              | Accomplishments 2011-2014   |
| Provide technical and financial assistance to landowners to reduce gulley and rill erosion on cropland and woodlands                        | Implement "hard practice" BMPs with technical assistance and/or federal, state and county cost sharing (grade stabilization struc., diversions, barnyard runoff control, waterways, streambank restoration, etc.) <b>(Technical)</b> | LCD NRCS                          | 850 hrs/yr       | Evaluate / Implement facilities (10) | 81 facilities               |
| Promote adequate soil conservation through proper crop rotation, the use of cover crops and contour buffer systems                          | Implement "soft practice" BMPs with technical assistance and/or federal, state and county cost sharing (buffers, cover crops, contour buffer strips, etc.) <b>(Priority Farm Approach)</b>   | LCD, NRCS                         | 1,320 hrs/yr     | Evaluate / Implement facilities (15) | 42 facilities               |
| Encourage landowners to install conservation practices to reduce streambank erosion   | Implement streambank stabilization and habitat practices with technical assistance and/or federal, state and county cost sharing. <b>(Technical &amp; P.C. Cold Water Stream Program PCCWSP)</b>                                     | LCD, NRCS, FSA, UWEX, LM, DNR     | 870 hrs/yr       | Evaluate / Implement feet (300)      | 4,130 feet                  |
| Continue cropland conservation planning and implementation through compliance with the Ag Performance Standards                             | Using the Priority Farm approach: All cropland is farmed to "T" tolerable soil loss <b>(FPP, NR151, NMP, M. Storage)</b>   | LCD, NRCS, DNR                    | 1,320 hrs/yr     | Evaluate facilities (15)             | 83 facilities               |
| Provide technical and financial assistance to landowners to implement conservation practices to reduce the negative effects of wind erosion | Provide educational materials to the public and/or Implement wind erosion prevention practices with agricultural and residential landowners <b>(Priority Farm Approach &amp; Education)</b>  | LCD, NRCS, FSA, UWEX, LM, SW, DNR | 1,320 hrs/yr     | Individuals (15)                     | 19 individuals              |
| Continue watershed protection in PL 566 watersheds, Plum, Lost, and Bogus Creeks  | Complete annual inspections on each flood control structure and maintain proper vegetation on structures <b>(PL566 Program)</b>  | LCD, NRCS                         | 20 hrs/yr        | Inspections completed (6)            | All 6 sites each year       |
| Administration of Nonmetallic mining reclamation ordinance and NR135  | Complete annual review of existing permitted facilities and administer requirements for new facilities (NMM)   | LCD                               | 106 hrs/yr       | Evaluate / Implement facilities (16) | All 16 facilities each year |
| Develop a systematic approach to monitor compliance with maintenance agreements on cost-shared conservation practices                       | Inspect conservation practices installed within the last ten (10) years for proper maintenance. Inspect each practice at least once (1) in the required 10 year maintenance agreement <b>(Technical)</b>                             | LCD, NRCS                         | 60 hrs/yr        | Inspections completed (15)           | 30 inspections              |
| Monitor and document soil loss.   | Conduct transect survey <b>(Technical)</b>   | LCD                               | 70 hrs/yr        | Complete survey (1)                  | Survey completed each year  |
| <b>APPENDIX E</b>   |  |                                   |                  |                                      |                             |
| <b>** Objectives are listed in order of priority.</b>   |  |                                   |                  |                                      |                             |

| <b>GOAL 3: PROMOTE A POSITIVE CONSERVATION ETHIC</b>   |   |                                   |                  |  |                           |
|--|---|-----------------------------------|------------------|--|---------------------------|
| Objectives   | Actions (2011-2015)   | Partners                          | Annual LCD Hours | Annual Evaluation Tools                              | Accomplishments 2011-2014 |
| <b>Protect prime agriculture land through land use planning</b>  | Provide technical assistance regarding land use issues and continue administration of Farmland Preservation Program / Working Lands Initiative <b>(FPP)</b>                           | LCD, NRCS, FSA, UWEX, LM, SW, DNR | 200 hrs/yr       | Assist landowners (10)                               | 46 landowners             |
| <b>Inform the public about conservation of our natural resources through news articles, radio and recognition programs</b>                                 | Promote conservation through the media <b>(Education)</b>   | LCD, NRCS, FSA, UWEX, LM, SW, DNR |                  | Media releases (25)                                  | 367 media releases        |
| <b>Work with conservation team partners to provide education and technical assistance to the public about sustainable logging practices</b>                | Provide assistance and education regarding woodland management issues <b>(Education &amp; Priority Farm Approach)</b>   | LCD, NRCS, DNR                    | 25 hrs/yr        | Individuals served (5)                               | 248 individuals           |
| <b>Monitor and document conservation efforts</b>   | Maintain conservation practice database <b>(Administrative)</b>   | LCD NRCS FSA                      | 30 hrs/yr        | database updated (1)                                 | Database updated          |
| <b>Work with conservation team partners to provide educ. And technical assistance to the public about residential development and parcel fragmentation</b> | Provide technical assistance regarding land use issues and continue administration of Farmland Preservation Program / Working Lands Initiative <b>(FPP)</b>                           | LCD, NRCS, FSA, UWEX, LM, SW, DNR | 200 hrs/yr       | Assist landowners (10)                               | 46 landowners             |
| <b>Work with our conservation team partners to inform the public about sustainable energy development</b>  | Provide assistance and education regarding climate change and sustainable energy <b>(Education &amp; Priority Farm Approach)</b>  | LCD, NRCS, FSA, UWEX, LM, SW, DNR | 25 hrs/yr        | Individuals served (5)                               | 0 individuals             |
| <b>Promote youth orientated conservation programs</b>  | Continue to offer youth programs: poster and speaking contests, smokey bear, grocery bag project, Arbor Day, Conservation Field Days, etc. <b>(Education &amp; Stream Monitoring)</b> | LCD, NRCS, FSA, UWEX, LM, SW, DNR | 260 hrs/yr       | Students served (300)                                | 4,924 students            |
| <b>Administration of County Parks Program</b>  | Continue to administer and maintain county parks for the recreational benefit of its users and for the promotion of youth oriented conservation programs <b>(Parks)</b>               | LCD                               | 60 hrs/yr        | Implement maintenance/ community outreach hours (60) | 414.6 hrs                 |
|  | <b>APPENDIX E</b>   |                                   |                  |  |                           |
| <b>** Objectives are listed in order of priority.</b>  |   |                                   |                  |  |                           |

| <b>GOAL 4: PROTECT AND ENHANCE DIVERSE WILDLIFE HABITAT</b>  |   |                                   |                  |                                 |                                |
|--|---|-----------------------------------|------------------|---------------------------------|--------------------------------|
| Objectives   | Actions (2011-2015)   | Partners                          | Annual LCD Hours | Annual Evaluation Tools         | Accomplishments 2011-2014      |
| <b>Enhance, protect, and restore areas of wildlife habitat</b>   | Provide educational materials to landowners regarding the importance of wetlands and assist landowners wishing to enroll in the Wetland Reserve Program (WRP) and the Conservation Reserve Enhancement Program (CREP) <b>(CREP &amp; Education)</b> | LCD, NRCS, FSA, UWEX, LM, SW, DNR | 220 hrs/yr       | Assist landowners (10)          | 2 landowners                   |
|  | Provide an annual county tree and shrub sales program <b>(Trees)</b>  | LCD, NRCS, FSA, UWEX, LM, SW, DNR | 60 hrs/yr        | Annual Sale Completed (1)       | Annual Sale completed          |
| <b>Increase landowner awareness regarding rare and endangered species</b>  | Provide assistance and education regarding rare and endangered species <b>(Education)</b>   | LCD, NRCS, FSA, UWEX, LM, SW, DNR | 15 hrs/yr        | Individuals served (5)          | 0 individuals                  |
| <b>Provide educational materials and technical assistance regarding the control of invasive exotic species</b>   | Provide assistance and education regarding invasive species identification and control <b>(Education &amp; P.C. Invasive Species Program PCISP &amp; WCWIPMA)</b>   | LCD, NRCS, FSA, UWEX, LM, SW, DNR | 30 hrs/yr        | Individuals served (20)         | 322 individuals                |
| <b>Inform the public about the important role wetlands play in our ecosystem and provide assistance regarding their protection and restoration</b>                                 | Provide assistance and education regarding the importance of wetlands <b>(Priority Farm Approach &amp; Education)</b>   | LCD, NRCS, FSA, UWEX, LM, SW, DNR | 15 hrs/yr        | Individuals served (5)          | 240 individuals                |
| <b>Provide aeration to shallow lakes to prevent winter fish kills</b>  | Maintain aeration system in Silver Birch Lake <b>(Parks)</b>  | LCD                               | 25 hrs/yr        | System maintained (1)           | System operated and maintained |
| <b>Continue to work with local Sportsman Clubs, Trout Unlimited, Whitetails Unlimited, Pheasants Forever and other organizations to promote habitat protection and restoration</b> | Maintain working relationships with other conservation partners to promote wildlife habitat <b>(PCCWSP, Technical, Education, Parks, Administrative, Stream Monitoring)</b>   | LCD, NRCS, DNR                    | 20 hrs/yr        | Projects with organizations (5) | 15 projects                    |
|  | <b>APPENDIX E</b>   |                                   |                  |                                 |                                |
| <b>** Objectives are listed in order of priority.</b>  |   |                                   |                  |                                 |                                |



## County-prepared checklist to determine compliance with criteria for a LWCB recommendation for a 10-year approval and 5-year extension<sup>1</sup>

### 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.<sup>1</sup>

| 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   | Pg. 31-36  |   |
| b. Implementation of stormwater management and related urban standards   | Pg. 26 (no benchmarks)                                   | NA  |
| c. Farmland Preservation conservation compliance   | Pg.31-36 & workplan goals 1,2                            |   |
| d. Groundwater protection: quality and quantity  | Pg.31-36 & Goal 1  |   |
| e. Permit and ordinance administration   | Pg. 31-36 Goal 1   |   |
| f. Lake and stream protection (e.g. shoreline protected, invasive species management)  | Goal 1,2,4   |   |
| g. Watershed protection (e.g. phosphorus reduction/trading, TMDL, nitrogen management)   | Goal 1   |   |
| h. Program evaluation and monitoring   | Pg.37-39   |   |
| i. Spending of state cost-share funds  | Pg.41-42   |   |
| j. Forestry management   | Workplan Goal 3  |   |
| 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? | Workplan Evaluation Tools (benchmarks/yr)                |   |
| 3. Does the county’s priority farm strategy include the following items?   | Pg.31-36   |   |
| a. Effectively implement state performance standards and conservation practices on farms   | Pg. 31-36  |   |
| b. Identify the specific conditions such as cropland nutrient runoff that will be addressed  | Pg. 31-36  |   |
| c. Provide an adequate framework to evaluate whether the county is making reasonable progress in implementing all high priority activities   | Workplan, priority farm approach, 15facilities/yr        |   |

<sup>1</sup> 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.<sup>1</sup>

| 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   | Pg.3,5   |   |
| 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.   | Pg.5 & Appendix D (survey)                               |   |
| c. The planning documents make a reasonable attempt to forecast applicable trends for a period of at least 10 years into the future.  |  | Goals and objectives were developed for 10years. However for trends, 5 years was referenced knowing it was only going to be approved for 5 years. |
| 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.                               | Work Plan  |   |
| 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 | Work Plan  |   |

**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.

**2015-2020 LWRM Plan Update**  
(Supplement current 2011-2020 plan)

Land and Water Resource Planning (page 14)

Identify and Prioritize resource concerns in Pepin County

HUC 12 watersheds (prioritized 1 – 16)

Groundwater quality (monitoring)

Surface water quality (monitoring)

Soil erosion (transect/monitoring)

Outline a seamless approach for resource program integration

Implement priority farm approach in prioritized HUC 12 watersheds

Updated Priority Farm Approach (page 31)

1. Farms with >20% of cropland eroding at 2 “T” or greater
2. Farmland Preservation Agreement Participants
3. Farms with Manure Storage
4. Farms where cropland drains to cold water streams
5. Large Farms in areas with Soil Susceptible to Groundwater Contamination
6. Remaining areas reviewed in a top-down watershed approach

Develop annual tracking system toward meeting the plan goals, including compliance with state standards. (pages 34-36)

Track compliance by parcel

If not in compliance offer cost-share and schedule of compliance

NR 151 Ag Performance Standards will be implemented in the order of ranked catchment areas within each HUC 12 watershed. Compliance will be determined by parcel for each landowner. A percentage of the annual staff time allotted for NR151, Nutrient Management and Manure Storage Ordinance

Implementation will be distributed to each watershed:

| Rank | HUC12 Code   | HUC12 Name                         | Staff Time % | Hours (1120)Facilities(15/yr) |
|------|--------------|------------------------------------|--------------|-------------------------------|
| 1    | 070500051202 | City of Durand – Chippewa River    | 30           | 336                           |
| 2    | 070500051201 | Bear Creek                         | 25           | 280                           |
| 3    | 070500051203 | Spring Creek – Chippewa River      | 10           | 112                           |
| 4    | 070500051205 | Little Plum Creek – Chippewa River | 10           | 112                           |
| 5    | 070500051008 | Lake Eau Galle – Eau Galle River   | 8            | 89.6                          |
| 6    | 070400010705 | Lake Pepin                         | 5            | 56                            |
| 7    | 070500051102 | Porcupine Creek – Plum Creek       | 5            | 56                            |
| 8    | 070500051007 | Arkansaw Creek                     | 4            | 44.8                          |
| 9    | 070500050906 | Duscham Creek – Chippewa River     | 2            | 22.4                          |
| 10   | 070500050903 | Cranberry Creek                    | 1            | 11.2                          |

| <b>GOAL 1: PROTECT AND ENHANCE THE QUALITY AND QUANTITY OF OUR WATER RESOURCES</b>   |   |                               |                       |   |                      |
|--|---|-------------------------------|-----------------------|---|----------------------|
| Objectives   | Actions (2016-2020)   | Partners                      | LCD Hours 2016        | Evaluation Tools/yr                     | Accomplishments 2016 |
| Protect the quality of our surface water and groundwater resources through proper nutrient management planning and implementation with agricultural and residential landowners | Implement the NRCS 590 Standard with technical assistance and/or federal, state, and county cost sharing ( <b>NMP's through Priority Farm Approach</b> )  | LCD, NRCS                     | planned 190<br>actual | Evaluate /<br>Implement<br>acres (400)  |                      |
| Develop a systematic approach to monitor and certify compliance with the Ag Performance Standards  | Using the Priority Farm approach: All cropland is meeting "T"; Administration of Manure Storage Ordinance; Implement clean water diversions where needed; Nutrient Management Plan Compliance/Implementation; Manure Management Prohibitions Compliance/Impl. ( <b>FPP,NR151,NMP, Storage</b> ) | LCD, NRCS, DNR                | planned1320<br>actual | Evaluate facilities (15)                |                      |
| Provide technical and financial assistance to landowners to install clean water best management practices  | Implement "hard practice" BMPs with technical assistance and/or federal, state, and county cost sharing (grade stabilization struc., diversions, barnyard runoff control, waterways, streambank restoration, etc.) ( <b>Technical</b> )   | LCD, NRCS                     | planned 850<br>actual | Evaluate/<br>Implement facilities (10)  |                      |
|  | Implement "soft practice" BMPs with technical assistance and/or federal, state and county cost sharing (buffers <b>PCBIP</b> , cover crops, contour buffer strips, etc.)  | LCD,NRCS,UWEX                 | actual                | Evaluate/<br>Implement facilities (5)   |                      |
| Encourage the installation of buffers along surface water resources  | Implement riparian buffers along cold water streams. <b>Pepin County Buffer Incentive Program (PCBIP)</b>   | LCD NRCS                      | planned 60<br>actual  | Evaluate /<br>Implement<br>feet (1,000) |                      |
| Promote the preservation and restoration of wetlands for groundwater quality, groundwater recharge, flood control, and wildlife habitat  | Provide educational materials to landowners regarding the importance of wetlands and assist landowners wishing to enroll in the Wetland Reserve Program (WRP) and the <b>Conservation Reserve Enhancement Program (CREP)</b>  | LCD, NRCS, FSA, UWEX, LM, DNR | planned 30<br>actual  | Landowners (10)                         |                      |
| Provide information to the public regarding groundwater quantity and its importance to a sustainable economy and environment   | Provide educational materials to landowners/citizens regarding the importance of groundwater and how it relates to the water cycle, quantity and the use of high capacity wells. ( <b>WAV Stream Monitoring/Education</b> )   | LCD, NRCS, FSA, UWEX, LM, DNR | planned 75<br>actual  | Maintain<br>Monitoring sites (5)        |                      |
| Administration of Nonmetallic mining reclamation ordinance and NR135   | Complete annual review of existing permitted facilities and administer requirements for new facilities ( <b>NMM</b> )   | LCD                           | planned 106<br>actual | Evaluate /<br>Implement facilities (16) |                      |
|  | <b>APPENDIX E</b>   |                               |                       |   |                      |
| <b>** Objectives are listed in order of priority.</b>  |   |                               |                       |   |                      |

| <b>GOAL 2: PRESERVE AND MAINTAIN OUR VALUABLE SOIL RESOURCES</b>  |  |  |                        |  |                         |
|---|--|--|------------------------|--|-------------------------|
| Objectives  | Actions (2016-2020)  | Partners                                   | LCD Hours<br>2016      | Evaluation Tools/yr                        | Accomplishments<br>2016 |
| Provide technical and financial assistance to landowners to reduce gully and rill erosion on cropland and woodlands                         | Implement "hard practice" BMPs with technical assistance and/or federal, state and county cost sharing (grade stabilization struc., diversions, barnyard runoff control, waterways, streambank restoration, etc.) <b>(Technical)</b> | LCD NRCS                                   | planned 850<br>actual  | Evaluate /<br>Implement facilities<br>(10) |                         |
| Promote adequate soil conservation through proper crop rotation, the use of cover crops and contour buffer systems                          | Implement "soft practice" BMPs with technical assistance and/or federal, state and county cost sharing (buffers, cover crops, contour buffer strips, etc.) <b>(Priority Farm Approach)</b>   | LCD, NRCS                                  | planned 1320<br>actual | Evaluate /<br>Implement facilities<br>(15) |                         |
| Encourage landowners to install conservation practices to reduce streambank erosion   | Implement streambank stabilization and habitat practices with technical assistance and/or federal, state and county cost sharing. <b>(Technical &amp; P.C. Cold Water Stream Program PCCWSP)</b>                                     | LCD, NRCS,<br>FSA, UWEX,<br>LM, DNR        | planned 870<br>actual  | Evaluate /<br>Implement feet<br>(300)      |                         |
| Continue cropland conservation planning and implementation through compliance with the Ag Performance Standards                             | Using the Priority Farm approach: All cropland is farmed to "T" tolerable soil loss <b>(FPP, NR151, NMP, M. Storage)</b>   | LCD, NRCS,<br>DNR                          | planned 1320<br>actual | Evaluate facilities<br>(15)                |                         |
| Provide technical and financial assistance to landowners to implement conservation practices to reduce the negative effects of wind erosion | Provide educational materials to the public and/or Implement wind erosion prevention practices with agricultural and residential landowners <b>(Priority Farm Approach &amp; Education)</b>  | LCD, NRCS,<br>FSA, UWEX,<br>LM, SW,<br>DNR | planned 1320<br>actual | Individuals (15)                           |                         |
| Continue watershed protection in PL 566 watersheds, Plum, Lost, and Bogus Creeks  | Complete annual inspections on each flood control structure and maintain proper vegetation on structures <b>(PL566 Program)</b>  | LCD, NRCS                                  | planned 20<br>actual   | Inspections<br>completed (6)               |                         |
| Administration of Nonmetallic mining reclamation ordinance and NR135  | Complete annual review of existing permitted facilities and administer requirements for new facilities (NMM)   | LCD  | planned 106<br>actual  | Evaluate /<br>Implement facilities<br>(16) |                         |
| Develop a systematic approach to monitor compliance with maintenance agreements on cost-shared conservation practices                       | Inspect conservation practices installed within the last ten (10) years for proper maintenance. Inspect each practice at least once (1) in the required 10 year maintenance agreement <b>(Technical)</b>                             | LCD, NRCS                                  | planned 60<br>actual   | Inspections<br>completed (15)              |                         |
| Monitor and document soil loss.   | Conduct transect survey <b>(Technical)</b>   | LCD  | planned 70<br>actual   | Complete survey<br>(1)                     |                         |
| <b>APPENDIX E</b>   |  |  |                        |  |                         |
| <b>** Objectives are listed in order of priority.</b>   |  |  |                        |  |                         |

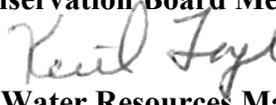
| <b>GOAL 3: PROMOTE A POSITIVE CONSERVATION ETHIC</b>   |   |                                   |                       |  |                      |
|--|---|-----------------------------------|-----------------------|--|----------------------|
| Objectives   | Actions (2016-2020)   | Partners                          | LCD Hours 2016        | Evaluation Tools/yr                                  | Accomplishments 2016 |
| <b>Protect prime agriculture land through land use planning</b>  | Provide technical assistance regarding land use issues and continue administration of Farmland Preservation Program / Working Lands Initiative ( <b>FPP</b> )                           | LCD, NRCS, FSA, UWEX, LM, SW, DNR | planned 200<br>actual | Assist landowners (10)                               |                      |
| <b>Inform the public about conservation of our natural resources through news articles, radio and recognition programs</b>                                 | Promote conservation through the media ( <b>Education</b> )   | LCD, NRCS, FSA, UWEX, LM, SW, DNR |                       | Media releases (25)                                  |                      |
| <b>Work with conservation team partners to provide education and technical assistance to the public about sustainable logging practices</b>                | Provide assistance and education regarding woodland management issues ( <b>Education &amp; Priority Farm Approach</b> )   | LCD, NRCS, DNR                    | planned 25<br>actual  | Individuals served (5)                               |                      |
| <b>Monitor and document conservation efforts</b>   | Maintain conservation practice database ( <b>Administrative</b> )   | LCD NRCS FSA                      | planned 30<br>actual  | database updated (1)                                 |                      |
| <b>Work with conservation team partners to provide educ. And technical assistance to the public about residential development and parcel fragmentation</b> | Provide technical assistance regarding land use issues and continue administration of Farmland Preservation Program / Working Lands Initiative ( <b>FPP</b> )                           | LCD, NRCS, FSA, UWEX, LM, SW, DNR | planned 200<br>actual | Assist landowners (10)                               |                      |
| <b>Work with our conservation team partners to inform the public about sustainable energy development</b>  | Provide assistance and education regarding climate change and sustainable energy ( <b>Education &amp; Priority Farm Approach</b> )  | LCD, NRCS, FSA, UWEX, LM, SW, DNR | planned 25<br>actual  | Individuals served (5)                               |                      |
| <b>Promote youth orientated conservation programs</b>  | Continue to offer youth programs: poster and speaking contests, smokey bear, grocery bag project, Arbor Day, Conservation Field Days, etc. ( <b>Education &amp; Stream Monitoring</b> ) | LCD, NRCS, FSA, UWEX, LM, SW, DNR | planned 260<br>actual | Students served (300)                                |                      |
| <b>Administration of County Parks Program</b>  | Continue to administer and maintain county parks for the recreational benefit of its users and for the promotion of youth oriented conservation programs ( <b>Parks</b> )               | LCD                               | planned 60<br>actual  | Implement maintenance/ community outreach hours (60) |                      |
|  | <b>APPENDIX E</b>   |                                   |                       |  |                      |
| <b>** Objectives are listed in order of priority.</b>  |   |                                   |                       |  |                      |

| <b>GOAL 4: PROTECT AND ENHANCE DIVERSE WILDLIFE HABITAT</b>   |   |                                   |                       |                                 |                      |
|---|---|-----------------------------------|-----------------------|---------------------------------|----------------------|
| Objectives  | Actions (2016-2020)   | Partners                          | LCD Hours 2016        | Evaluation Tools/yr             | Accomplishments 2016 |
| <b>Enhance, protect, and restore areas of wildlife habitat</b>  | Provide educational materials to landowners regarding the importance of wetlands and assist landowners wishing to enroll in the Wetland Reserve Program (WRP) and the Conservation Reserve Enhancement Program (CREP) <b>(CREP &amp; Education)</b> | LCD, NRCS, FSA, UWEX, LM, SW, DNR | planned 220<br>actual | Assist landowners (10)          |                      |
|   | Provide an annual county tree and shrub sales program <b>(Trees)</b>  | LCD, NRCS, FSA, UWEX, LM, SW, DNR | planned 60<br>actual  | Annual Sale Completed (1)       |                      |
| <b>Increase landowner awareness regarding rare and endangered species</b>   | Provide assistance and education regarding rare and endangered species <b>(Education)</b>   | LCD, NRCS, FSA, UWEX, LM, SW, DNR | planned 15<br>actual  | Individuals served (5)          |                      |
| <b>Provide educational materials and technical assistance regarding the control of invasive exotic species</b>  | Provide assistance and education regarding invasive species identification and control <b>(Education &amp; P.C. Invasive Species Program PCISP &amp; WCWIPMA)</b>   | LCD, NRCS, FSA, UWEX, LM, SW, DNR | planned 30<br>actual  | Individuals served (20)         |                      |
| <b>Inform the public about the important role wetlands play in our ecosystem and provide assistance regarding their protection and restoration</b>                                | Provide assistance and education regarding the importance of wetlands <b>(Priority Farm Approach &amp; Education)</b>   | LCD, NRCS, FSA, UWEX, LM, SW, DNR | planned 15<br>actual  | Individuals served (5)          |                      |
| <b>Provide aeration to shallow lakes to prevent winter fish kills</b>   | Maintain aeration system in Silver Birch Lake <b>(Parks)</b>  | LCD                               | planned 25<br>actual  | System maintained (1)           |                      |
| <b>Continue to work with local Sportsman Clubs, Trout Unlimited, Whittails Unlimited, Pheasants Forever and other organizations to promote habitat protection and restoration</b> | Maintain working relationships with other conservation partners to promote wildlife habitat <b>(PCCWSP, Technical, Education, Parks, Administrative, Stream Monitoring)</b>   | LCD, NRCS, DNR                    | planned 20<br>actual  | Projects with organizations (5) |                      |
|   | <b>APPENDIX E</b>   |                                   |                       |                                 |                      |
| <b>** Objectives are listed in order of priority.</b>   |   |                                   |                       |                                 |                      |

**CORRESPONDENCE/MEMORANDUM**\_\_\_\_\_ **State of Wisconsin**

**DATE:** July 22, 2015

**TO:** Land and Water Conservation Board Members and Advisors

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

**SUBJECT:** Request for five-year extension of the Marathon County Land and Water Resource Management plan

**Recommended Action:** Staff requests the LWCB to recommend approval of Marathon County's request to extend the expiration date of the county land and water resource management plan until December 31, 2020.

**Summary:** The land and water resource management plan for Marathon County is currently approved through December 31, 2015. In order to maintain eligibility for grant funding through the soil and water resource management grant program, Marathon County must receive approval of an updated plan or approval of a request to extend the plan expiration date before December 31, 2015.

The Marathon County land and water resource management plan was last approved in 2011 with an expiration date of 2015. At that time, the plan was written with a 10-year planning horizon. Marathon County has completed the appropriate extension request form, guidance checklist, and provided an updated plan of work that will cover activities during the five year extension period. The presentation to LWCB members will provide detailed information on the county's accomplishments over the last five years of the plan implementation.

**Materials Provided:**

Marathon County extension request materials:

- *4 to 5 year Extension Request form*
- *County-prepared LWCB checklist*
- *Marathon County LWRM Plan of Work 2016-2020*

**Presenters:** Andrew Johnson, Marathon County Environmental Resources Coordinator



**Land and Water Conservation Board**  
**County Land and Water Resource Management Plan**  
**Form to Request Extensions of 4 or 5 Years**

**County:** Marathon

**Extension request:**  4 years  5 years

**Reason for request:** Plan was intended for a 10 year time frame with a review at 5 years.

**Requirements for a four or five year extension**

1. Describe your county's progress in meeting planned goals and activities (e.g., nutrient management, water quality, FPP, etc) by listing key benchmarked activities pursued over the last five years.<sup>1</sup>

**Benchmarked Activities:**

A. Farmland Preservation Program: Completed Farmland Preservation Plan (FPP), which was approved in January of 2014. Plan allows for an enhanced level of service, which enabled Marathon County (MC) to add one full time conservationist to work on FPP implementation which brings our current commitment to approximately 2.5 FTE staff working on FPP. CPZ staff complete all performance reviews on farms. Farmers are issued a detailed status review identifying any performance standards or prohibitions that they need to address to remain eligible for FPP. In addition, MC has developed two Agricultural Enterprise Areas (AEA) that encompass all or parts of 9 agricultural towns. Both AEA's have been developed in cooperation with neighboring counties. MC has also updated our zoning code to change from Exclusive Agricultural Zoning to Farmland Preservation Zoning. Our goal is to now work with the towns to grow the number of towns under Farmland Preservation Zoning and add landowners to the program. Effective implementation of FPP will allow us to move towards achieving three of our highest priorities: 1) Minimizing conversion of agricultural land to non-farmland 2) Reducing soil sedimentation 3) Increase the number of acres under nutrient management plans.

B. Animal Waste Storage and Nutrient Management Code: Marathon County updated this code in April of 2014 to increase the effectiveness of the management of livestock wastes. Changes included clarification of definitions, increased regulation of nutrient management and manure runoff directly from applications along with more effectively addressing idle storage facilities. MC also added citation authority for the enforcement of the code, which has enhanced compliance.

C. Management Intensive Grazing: Marathon County continues to implement their 22 year old program to educate farmers about the benefits of managed grazing and also provide technical assistance for farmers wanting to implement managed grazing on their farm. This effort helps us to reduce soil sedimentation and nutrient runoff in the surface waters. In the last five years there have been 137 plans developed on 6872 acres. Approximately 5000 acres have been converted to managed grazing.

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<sup>1</sup> Approval of this request requires a presentation to the LWCB to provide a detailed presentation identifying benchmarked activities and your progress in achieving the benchmark over the last five years.

D. Eastern Lakes: Marathon County's Eastern Lakes Project is a cooperative effort with UW-Stevens Point and lake districts/associations, lake citizens and sporting/fishing groups to complete lake studies and management plans on 11 eastern Marathon County lakes.

Thorough lake studies have been completed that analyzed water quality, shoreland health, fisheries, aquatic plants, critical habitat and watersheds. In addition, lake management plans have been developed and are being finalized in August, 2015. This project has also provide Marathon County with the opportunity to engage and build relationships with local lake citizens about environmental resource issues and efforts.

E. Nutrient Management: The Marathon County (MC) nutrient management (NM) planning program is well-established and proactive. Marathon County continues to employ two conservation analyst that are Certified Crop Advisors. MC's program focuses on four main initiatives, NM plan awareness, NM plan compliance, NM technical assistance to private sector plan writers, and NM education to farmers. We had rapid gains in both plan numbers and acres from 2005 to 2009 as we stepped up enforcement of the Animal Waste Storage and Nutrient Management Code (AWS&NMC) and utilized SWRM cost sharing dollars for NM planning implementation (from 83 plans/36,662 acres in 2005 to 378 plans/134,418 acres in 2009). The rate of increase in NM plan numbers was not as rapid for the period 2010 to 2014 due to previous attainment of AWS&NMC NM plan compliance, decrease in SWRM cost sharing dollars, and a decrease of 19 voluntary NM plans on approximately 5000 acres during the period. However, modest gains were still realized, with 16 new NM plans on 13,326 acres. Most of those gains were due to increasing participation in the Farmland Preservation Program, and we expect that trend to continue. MC's NM farmer education program is part of an ongoing partnership between surrounding counties and Northcentral Technical College since 2008. Between 2010 and 2014, the program has worked with 147 MC farmers to develop, implement, and update their own NM plan on 38,089 acres. The biggest current limitation in growing the number of acres under plans is the lack of cost sharing as required by the State. If there were adequate funding available or we could require plans without cost sharing we could expand this more rapidly.

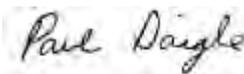
2. Attach a completed guidance checklist documenting that your county plan has measureable benchmarks for key activities, an effective priority farm strategy, and includes sufficient elements to reflect a ten year planning horizon. An updated priority farm strategy may also be attached, if necessary.<sup>2</sup> See attached checklist for benchmarked activities. Marathon County's current priority farm strategy is effective, is being implemented and will continue to be implemented through the next 5 years.
3. Attach an updated work plan that covers planned activities during the four of five year extension period you have requested. See attachment.

**Has your Land Conservation Committee approved this request?**  Yes  No

Date approved:

If no, approval expected by: August 4th, 2015 (*date of next LCC meeting*)

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



**Date:** July 17<sup>th</sup>, 2015

Send completed form and attachments to: [Lisa.Trumble@wi.gov](mailto:Lisa.Trumble@wi.gov)

<sup>2</sup> Guidance checklist available at: <http://datcp.wi.gov/uploads/Environment/doc/GuidanceChecklist.doc>



## County-prepared checklist to determine compliance with criteria for a LWCB recommendation for a 10-year approval and 5-year extension<sup>1</sup>

### 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.<sup>1</sup>

| 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   | Yes, see pages 38-39   |   |
| b. Implementation of stormwater management and related urban standards   | Yes, page 45-46. In addition Marathon is part of the North Central Wisconsin Storm water coalition and holds a WPDES permit with this coalition. |   |
| c. Farmland Preservation conservation compliance   | Yes, pages 43-44   |   |
| d. Groundwater protection: quality and quantity  | Yes page 42  |   |
| e. Permit and ordinance administration   | Yes pages 44-47  |   |
| f. Lake and stream protection (e.g. shoreline protected, invasive species management)  | Yes page 45  |   |
| g. Watershed protection (e.g. phosphorus reduction/trading, TMDL, nitrogen management)   | Yes, pages 11-40   |   |
| h. Program evaluation and monitoring   | Yes page 41  |   |
| i. Spending of state cost-share funds  | Yes pages 50-58  |   |
| j. Forestry management   | Yes page 36  |   |
| 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? | Yes pages 35-48, 59-61   |   |
| 3. Does the county’s priority farm strategy include the following items?   | Yes  |   |

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

|  |                 |  |
|--|-----------------|--|
| a. Effectively implement state performance standards and conservation practices on farms   | Yes pages 38-39 |  |
| b. Identify the specific conditions such as cropland nutrient runoff that will be addressed  | Yes, Page 38    |  |
| c. Provide an adequate framework to evaluate whether the county is making reasonable progress in implementing all high priority activities | Yes, page 35-50 |  |

**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.<sup>1</sup>

| 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   | Yes, pages 1, 51-58                                      |  |
| 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.   | Yes page 51-58   |  |
| c. The planning documents make a reasonable attempt to forecast applicable trends for a period of at least 10 years into the future.  | Yes, pages 35-47   |  |
| 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.                               | Yes, pages 35-47   |  |
| 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 | Yes page 64  |  |

**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.

**Revised October 1, 2013**

## CHAPTER V – ANNUAL WORK PLAN IMPLEMENTATION AND COORDINATION

### A. STAFFING RESOURCES

The Conservation Division of the Conservation, Planning and Zoning Department currently consists of 7.0 Full Time Equivalent (FTE) staff members that are focused on Land and Water Resource Management Plan efforts. The staff will be dedicated to achieving the goals and objectives stated in the LWRM Plan and specifically targeted to the operations identified in the priority farm strategy. The breakdown for staff time and responsibilities is as follows:

1. 1.5 FTE – Marathon County Waste Storage Facility and Nutrient Management Ordinance. Ensures compliance county-wide to Performance Standards, as well as protecting the safety and health concerns associated with proper manure containment and utilization. Staff also monitor and track nutrient management compliance for over 400 landowners on approximately 151,000 cropland acres.
2. 0.5 FTE – Livestock Facility Siting Ordinance. Responsible for the administration of ordinance including education, application review and approval, and annual monitoring.
3. 1 FTE – Managed Intensive Grazing initiatives. Provides educational and technical assistance to livestock producers, schools and lenders, as well as administering federal and state cost-share funds to landowners to implement best management practices.
4. 1.5 FTE – Conservation Services Support and Administration. Provides oversight and coordination of conservation programs, monitoring of program and regulatory compliance requirements, enforcement activities, preparation of resource management plans, special project studies, and educational activities also includes secretarial support and financial management support.
5. 2.5 FTE – Farmland Preservation Plan. Provides FPP education, Agricultural Enterprise Area growth and support, landowner on farm reviews, eligibility status reviews and monitoring of the Farmland Preservation Program for participating landowners.

Additional staff time within the CPZ Department is available to provide accounting, Geographical Information System, Comprehensive Planning and regulatory assistance.

Along with the county staff, the Conservation, Planning and Zoning Department rely upon the following agencies to provide the specialized assistance to local conservation program delivery. Where appropriate the coordination of federal, state and county staff responsibilities are identified with the work plan.

1. Department of Natural Resources – Coordination of WPDES permit monitoring and compliance, site evaluations and administration of Targeted Resource Management

- projects, enforcement inspections and compliance checks of performance standards, and development of water quality monitoring projects.
2. USDA–Natural Resource Conservation Service – Conservation planning, engineering standards review, EQIP grant administration and project selection, CREP administration and education, Grazing Initiative projects and other federal resource enhancement programming.
  3. UW-Extension – Information sharing and development of handouts to keep producers and professional groups aware of program and performance standards requirements.
  4. USDA-Farm Services Agency – Programming and informational support for Farmland Preservation Program, CREP and the Waste Storage Facility and Nutrient Management Code.
  5. Department of Agriculture, Trade and Consumer Protection – Engineering design and plan review services, support of Best Management Practice standards and drawings, grant allocations for staffing and LWRM Plan implementation activities, soil erosion transect support and CPZ staff training and education.

## **B. FISCAL RESOURCES**

To implement the LWRM Plan the County will access grants from county, state and federal sources. In 2015-2020, Marathon County will receive funding from local levy, Department of Agriculture, Trade and Consumer Protection, Department of Natural Resources, non-profits, and various grants to support staffing expenditures and to fund grants to landowners to implement Best Management Practices.

The following ten (10) year work plan, with 2015 updates identifies goals, objectives and actions to be undertaken by the Conservation, Planning and Zoning Department in cooperation with our partners for the remaining five program years 2015 through 2020 of this plan. County staff needs and costs are estimated on a per-year basis. Dollar amounts for staff can be estimated by multiplying the hours by \$50.00. The program funding for staff and practice cost-sharing will come from a combination of federal, state and county sources.

**GOAL 1: Agricultural Nonpoint Runoff.**

| OBJECTIVES   | ANNUAL ACTIVITIES  | WHO                 | WHEN    | ANNUAL STAFF NEEDS  | COST OTHER THAN STAFF | PRIORITY | OUTCOME  |
|--|--|---------------------|---------|---------------------|-----------------------|----------|--|
| Reduce soil sedimentation delivery rates to surface waters | Prepare or revise "conservation plans" (25)  | CPZ<br>NRCS         | 2015-20 | 700<br>(\$35,000)   |                       | Medium   | Landowners understand compliance requirements of programs and develop a Schedule of Compliance   |
|  | Monitor conservation compliance of Farmland Preservation Program participants: includes on-farm evaluations (400)                | CPZ                 | 2015-20 | 5000<br>(\$250,000) |                       | High     | Landowners, DOR, and DATCP will know conservation compliance status for Working Lands Initiative<br><br>All acres enrolled in FPP program will meet State Agricultural Performance Standards |
|  | Provide technical design and installation assistance to landowners   |                     |         | 500<br>(\$25,000)   | \$60,000              |          | Landowners implement BMP's to reduce nonpoint runoff   |
| Increase adoption of Management Intensive grazing          | Develop conservation and grazing plans for transitioning farms. (20)   | CPZ<br>NRCS         | 2015-20 | 1000<br>(\$50,000)  |                       | High     | Landowners will understand the management and technical best management practices of grazing   |
|  | Provide plan implementation assistance   | CPZ<br>NRCS         | 2015-20 | 1000<br>(\$50,000)  | \$100,000             | High     | Landowners will successfully transition or adopt practices of grazing to be meet State Performance Standards and improve profits   |
| Implementation of Nutrient Management Plans                | Prepare or revise Conservation Plans (25)  | CPZ<br>NRCS         | 2015-20 | 400<br>(\$20,000)   |                       | Medium   | Landowners understand soil erosion compliance requirements of SNAP+ planning model   |
|  | Provide grant and technical support to NM plan writers for spreading restriction maps, planning status and compliance schedules. | CPZ<br>DATCP<br>DNR | 2015-20 | 500<br>(\$25,000)   | \$25,000              | High     | Agronomists and landowners will have understanding of local ordinances, technical standards, and BMP's required for NM plan development  |
|  | Maintain NM Plan database for all parcel and participating acres (400)   | CPZ                 | 2015-20 | 600<br>(\$30,000)   |                       | High     | Landowners, CPZ staff and agency partners will know status of program and Performance Standards compliance   |
|  | Review NM Plans technical standard compliance  | CPZ<br>DNR          | 2015-20 | 300<br>(\$15,000)   |                       | Medium   | Landowners, agronomists, and agency partners will know the quality of compliance documentation   |

| OBJECTIVES   | ANNUAL ACTIVITIES   | WHO                  | WHEN      | ANNUAL STAFF NEEDS | COST OTHER THAN STAFF | PRIORITY | OUTCOME  |
|--|---|----------------------|-----------|--------------------|-----------------------|----------|--|
|  | Update local ordinance authority to require winter spreading plans for manure applications in critical areas and expanded citation authority by codifying additional performance standards. | CPZ                  | 2015-2020 | 200<br>(\$10,000)  |                       | High     | Land Conservation & Zoning Committee will understand the value and policy implications of enhanced regulatory requirements   |
| Administer County Waste Storage Facility and Nutrient Management Ordinance | Review and approve design plans for Waste Storage Facilities (10)   | CPZ<br>NRCS<br>DATCP | 2015-20   | 400<br>(\$20,000)  |                       | High     | Landowners and designers understand the local ordinance requirements for design plans and permits  |
|  | Provide technical assistance and site assessments for landowners and engineers (10)   | CPZ<br>DATCP<br>DNR  | 2015-20   | 400<br>(\$20,000)  | \$155,000             | High     | Design plans and best management practices are implemented according to standards<br><br>Surface and ground water quality is projected from animal waste discharges  |
|  | Provide administrative and technical assistance to Waste Storage Closure Project (15)   | CPZ                  | 2015-20   | 400<br>(\$25,000)  | \$100,000             | High     | Landowners with abandoned waste storage facilities understand regulatory requirements to close facilities<br><br>Closure of facilities safeguards environmental and health concerns of direct waste discharges |
|  | Monitor compliance with ordinance (365)   | CPZ                  | 2015-20   | 200<br>(\$10,000)  |                       | High     | CPZ staff and agency partners understand the status of compliance with local ordinances and State Performance Standards  |
| Administer Livestock Siting Ordinance                                      | Application Assistance, review and approval of license applications (2)   | CPZ                  | 2015-20   | 600<br>(\$40,000)  |                       | High     | Landowners, consultants, engineers and local officials understand the standards and compliance requirements of license applications  |
|  | Monitoring and inspection of Licensees (8)  | CPZ                  | 2015-20   | 300<br>(\$15,000)  |                       | Medium   | All licensees are in compliance with local ordinances and State Rules  |

**GOAL 2: Groundwater Protection**

| OBJECTIVES   | ANNUAL ACTIVITIES  | WHO         | WHEN    | STAFF NEEDS        | COST, OTHER THAN STAFF | PRIORITY | OUTCOME  |
|--|--|-------------|---------|--------------------|------------------------|----------|--|
| Develop education and incentive strategies to increase conservation of water in both urban and rural areas.                  | Educate the public and users about groundwater use and need to protect.  | CPZ         | 2015-20 | 200<br>(\$5,000)   | \$5,000                | Low      | Residents will understand where we get our water for residential and industrial use and the importance of protecting   |
|  | Incorporate groundwater education and well sampling opportunities into farm visits by staffs.                          | CPZ         | 2015-20 | 200<br>(\$10,000)  | \$50,000               | Low      | Farm producers will understand their groundwater quality and best management practices available for protection.<br><br>Marathon County will have a data base of groundwater quality tests to determine trends |
| Maintain the current groundwater levels in our aquifers]Increase the infiltration of rain and snowmelt to replenish aquifers | Review and update Marathon County Groundwater Protection Plan (2001).  | CPZ         | 2015-20 | 300<br>(\$15,000)  |                        | Medium   | Rural and urban residents understand educational and regulatory strategies intended to protect the groundwater resources from overuse and contamination.   |
| Maintain and improve the functioning of wetlands   | Promote and develop technical and planning assistance to landowners for implementation of wetlands and sediment basins | CPZ<br>NRCS | 2010-20 | 1000<br>(\$50,000) | \$250,000<br>EQIP      | Low      | Landowners understand the function and value of wetlands to reduce sediment and nutrient delivery to surface waters and to moderate water flows.   |

**GOAL 3: Forestry**

| OBJECTIVES  | ANNUAL ACTIVITIES   | WHO                                     | WHEN           | STAFF NEEDS   | COST, OTHER THAN STAFF | OUTCOME   |
|---|---|---|----------------|---|------------------------|---|
| <p>County officials will be actively engaged in regional and statewide groups to provide leadership in this land use effort.</p> <p>Officials and staff need to increase participation in regional and state program development to reduce barriers for programs such complexity of participation and plan development.</p> | <p>Educate farmers about forest management and economic opportunities during farm visits.</p> <p>Officials will be active in associations to advocate and promote forest practices and land use program participation</p>                             | <p>CPZ<br/>UW-EX,<br/>DNR<br/>DATCP</p> | <p>2015-20</p> | <p>300<br/>(\$15,000)</p>                           | <p>Low</p>             | <p>Environmental and governmental associations, committees, and Boards will understand the importance of forest land in protecting soil and water resources</p> |
|   | <p>Staff and officials will work with associations and committees to simply and broaden the participation in land use programs</p>  | <p>CPZ<br/>DATCP</p>                    | <p>2015-20</p> | <p>200<br/>(\$10,000)</p>                           | <p>Low</p>             | <p>Landowners will increase participation in best management practices and programs that preserve and improve forest land use</p>                               |
| <p>Develop a strategy to identify and target land parcels that could benefits from woodland development.</p>  | <p>Develop a ranking and prioritization of lands where forest development would benefit the community</p> <p>Identify barren, fallow cropland and urban-rural transition areas</p> <p>Promote tree planter use and planning for these landowners.</p> | <p>UWEX<br/>CPZ</p>                     | <p>2015-20</p> | <p>200<br/>(\$10,000)</p> <p>200<br/>(\$10,000)</p> | <p>Low</p>             | <p>Landowners and municipalities will understand where critical acres are for tree planting and management</p>  |

**GOAL 4: Land Use Conversion**

| <b>OBJECTIVES</b>  | <b>ACTIONS</b>   | <b>WHO</b>               | <b>WHEN</b> | <b>STAFF NEEDS</b>                            | <b>COST, OTHER THAN STAFF</b> | <b>OUTCOME</b>  |
|--|--|--------------------------|-------------|---|-------------------------------|---|
| Minimize the permanent conversion of farmland to nonfarm land uses   | Educate Tax preparers of FPP rules and benefits<br>Promote updated local ordinances for the growth of Farmland Preservation Zoning   | CPZ, UW-EX, DNR<br>DATCP | 2015-20     | 300<br>(\$15,000)                             | High                          | Prime farmland stays in productive state and farmers improve economic situation   |
| County officials are actively engaged in regional and statewide groups to provide leadership in this land use effort.  | Specifically, the County (staff and officials) must be available to discuss zoning ordinances, enterprise areas, and conservation easements.<br><br>Provide Comprehensive Plan implementation seminars | LC&ZC                    | 2015-20     | 200<br>(\$10,000)<br><br>300<br>(\$15,000)    | High                          | Local municipal and Town officials understand the administrative and policy aspects of the WLI program.<br><br>Local officials with understand how to develop policies and plans for the implementation of land use initiatives |
| Maximize conservation compliance with program participants   | Conduct status reviews for landowners evaluating PS&P (100)<br>Provide planning and technical assistance to comply (30)  | CPZ                      | 2015-2020   | 1,000<br>(\$50,000)<br><br>1000<br>(\$50,000) | Medium                        | Landowners meet state performance standards and remain eligible for benefits  |
| Maximize participation of landowners in Agricultural Enterprise Areas and conservation easements to maximize the effectiveness of the program opportunities. | Rural economic development to promote agricultural enterprises that will maintain farms and rural landscape  | UWEX<br>CPZ              | 2015-20     | 400<br>(\$20,000)                             | Medium                        | Farmers improve their economic status without converting lands  |
|  | Develop criteria for Ag enterprise Areas   | UW-EX<br>CPZ, DNR        | 2015-20     | 400<br>(\$20,000)                             | Medium                        | Marathon County maximizes the participation in program  |

**GOAL 5: Lake and Reservoir Management**

| OBJECTIVES  | ACTIONS   | WHO   | WHEN      | ESTIMATED STAFF NEEDS (hours and dollars) | ESTIMATED COST, OTHER THAN STAFF (dollars and source) | OUTCOME  |
|---|---|---|-----------|---|---|--|
| Develop a long-term strategy to minimize the agricultural nonpoint runoff contributions to the Big Eau Pleine River and Reservoir.  | Develop TMDL plan<br><br>Secure resource grants from local, state, and federal  | CPZ<br>DATCP<br>DNR                               | 2015-20   | 400<br>(\$8,000)                          | High  | Landowners, industries, recreationists, and farmers understand the water quality standards and best management practices |
| Develop Lake Management Plan for the Eastern Lakes Project utilizing community contributions and assessment data gathered from the Easter Lakes Project.<br>Implement Lake Management plans for the Eastern Lakes Project | Securing funding for implementation of Lake plans. Marathon County intends to continue working with the local lake organizations, sports/fishing clubs, lake citizens and town government to implement the goals and objectives of the plan. Primary focus will be on shoreland restoration, aquatic invasive species, and nutrient management planning within the watershed. | Lake Groups,<br>CPZ, UWEX,<br>UW-Stevens<br>Point | 2015-2020 | 500<br>(\$25,000)                         | Medium  | Landowners and residents receive enhanced benefit of improved surface water quality and aesthetics of shorelands.        |

**Education**

| OBJECTIVES  | ACTIONS   | WHO                 | WHEN                   | STAFF NEEDS                              | COST, OTHER THAN STAFF | OUTCOME  |
|---|---|---------------------|------------------------|--|------------------------|--|
| Provide accurate and timely information to the public regarding resource programs.      | <p>Respond to all inquiries about the Farmland Preservation Program (applications, relinquishments, transfers and compliance)</p> <p>Educate landowners about the health of existing resources and efforts that the community can take to improve the concerns.</p> | CPZ<br>DATCP        | 2015-20                | 600<br>(\$20,000)                        | High                   | Landowners will understand Soil and Water Conservation Standards and performance standards of program.   |
| Create a Farmer Advisory Groups   | Provide soil health, management and conservation-related information to farmers and landowners  | CPZ<br>NRCS         | 2015-20                | 200<br>(\$10,000)                        | High                   | Staff and program participants will understand program effectiveness and ways to improve services  |
| Provide opportunities for youth to learn about conservation                             | <p>Sponsor Environmental Speaking &amp; Poster Contest</p> <p>Presentations at Area School Forest and classrooms</p>  | CPZ<br><br>CPZ      | 2015-20<br><br>2015-20 | 100<br>(\$2,500)<br><br>100<br>(\$5,000) | Low                    | <p>The association will promote and share conversation efforts through North Central WLWCA speaking and Poster Contest</p> <p>Students will understand the importance of soil and water conservation</p> |
| Educate farmers and agricultural professionals about the benefits of Management Grazing | <p>Conduct pastures walks, winter meetings and conferences.</p> <p>Provide educational and technical support to lake residents and citizen groups in caring for lakes and reservoirs.</p>   | CPZ<br>UWEX<br>NRCS | 2015-20                | 600<br>(\$20,000)                        | High                   | Landowners, nutritionist, lenders and educators will understand the viability and economics of grazing management  |

**ANNUAL WORKLOAD ANALYSIS 2015-2020**

| <b>GOAL</b> | <b>LAND CONSERVATION OPERATIONS</b> | <b>ANNUAL TOTAL HOURS AVAILABLE</b> | <b>ANNUAL TOTAL HOURS NEEDED</b> | <b>UNMET NEED (hours)</b>           |
|-------------|-------------------------------------|-------------------------------------|----------------------------------|-------------------------------------|
| 1           | Agriculture Nonpoint Runoff         | 11,100                              | 12,500                           | Monitoring and reporting            |
| 2           | Groundwater                         | 200                                 | 1,700                            | Monitoring and assessments          |
| 3           | Forestry                            | 200                                 | 900                              | Landowner support and assessment    |
| 4           | Land Conversion                     | 1,500                               | 3,300                            | Landowner assistance and compliance |
| 5           | Lake and Reservoir Management       | 500                                 | 900                              | Planning and assessments            |
| *           | Education                           | 500                                 | 1,600                            | Outreach                            |
|             | <b>Subtotal</b>                     | 14,000                              | 20,900                           |                                     |