

CHIPPEWA COUNTY

LAND CONSERVATION & FOREST MANAGEMENT COMMITTEE

REGULAR MEETING

AUGUST 18, 2021

CHIPPEWA COUNTY COURTHOUSE, RM 302

4:30 PM

1. CALL TO ORDER

2. ROLL CALL

Attendee Name	Organization	Title	Status	Arrived
Dean Gullickson	Chippewa County	District 7 (Chair)	Present	
Harold Steele	Chippewa County	District 1 (Vice-Chair)	Present	
Glen Sikorski	Chippewa County	District 2	Present	
Ken Schmitt	Chippewa County	District 3	Present	
Don Hauser	Chippewa County	District 6	Present	
James Pingel	Chippewa County	Citizen Rep	Present	

The Chair indicated that all members were present.

Agency staff present throughout the meeting were R. Scholz (Co. Administrator), T. Pauls (Corporation Counsel), D. Hutchison (DNR), K. Clow, M. Hansen, D. Masterpole, and J. Schemenauer - Recorder (LCFM).

Members of the public, as identified, were D. Barrickman, D. Carlson, and S. Gygi.

3. MEMBERS OF THE PUBLIC WISHING TO BE HEARD

D. Barrickman addressed the Committee as the President of the Lake Wissota Improvement & Protection Association. He expressed support for extending the Lake Wissota Stewardship Project contract and asked that it be put on a future agenda.

4. CONSENT AGENDA

RESULT:	APPROVED [UNANIMOUS]
MOVER:	Glen Sikorski, District 2
SECONDER:	Ken Schmitt, District 3
AYES:	Gullickson, Steele, Sikorski, Schmitt, Hauser, Pingel

1. Approve the agenda

2. Approve the Minutes

Land Conservation & Forest Management Committee - Regular Meeting - Jul 21, 2021 4:30 PM

Land Conservation & Forest Management Committee - Special Meeting - Jul 26, 2021 4:30 PM

3. Schedule next meeting date - September 15, 2021

Land Conservation & Forest Management Committee

Minutes
Regular Meeting

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5. REPORTS

1. Overview of Results; 2021 County Forest FSC Audit - M. Hansen
M. Hansen provided an oral report. The report was supported by a email from D. Brown (DNR), (8/9/21) regarding the preliminary SFI/FSC audit findings for Chippewa, Clark, Eau Claire, and Polk counties (Distributed 8/12/21 - copy on file & attached).

There was limited discussion.

2. Overview of Lakes & Surface Water Grant Programming Status - D. Masterpole
D. Masterpole presented an oral report. The report was supported by the following materials:

1. Correspondence to R. Scholz (Co. Administrator) from D. Masterpole (LCFM), (12/11/20), regarding a contract for purchase of services between Chippewa County and Beaver Creek Reserve for lake and flowage management (Distributed 8/12/21 - copy on file & attached).
2. Work plan titled: Beaver Creek Reserve 2021 Work Plan, (LCFM 1/19/21). The work plan provides a detailed activity schedule with associated product deliverables (Distributed 8/12/21 - copy on file & attached).

There was general discussion. Discussion focused on the service contract, the activity schedule, and product deliverables.

3. Discuss Application for Chippewa Co. Stewardship Program Matching Grant to Acquire Land for Conservation and Public Use in T31N, R9W, Sec. 12 & 13, Submitted by Pheasants Forever - D. Masterpole
D. Masterpole presented the following materials:

1. Cover letter from M. Moses (Pheasants Forever) to LCFM Committee regarding submittal of a Chippewa County Stewardship Program application (Distributed 8/12/21 - copy on file & attached).
2. Application titled: Chippewa County Stewardship Program Application for Nonprofit Conservation Organizations submitted by Pheasants Forever regarding the project named: McCann Creek Fishery Area Addition, (7/8/21), (Distributed 8/12/21 - copy on file & attached).
3. Report titled: Staff Review of an Application Submitted by Pheasants Forever, Inc. for a Chippewa County Stewardship Fund - Match Grant in the Amount of \$50,000 Towards the Purchase of ~182.5 Acres in Sections 12 & 13, T31N, R09W, Town of Bloomer, (LCFM 7/15/21 - Distributed 8/12/21 - copy on file & attached). The report outlines the PF proposal, explains the proposed match grant request, and outlines the extent to which the program aligns with program goals, management objectives, and actions established in the Chippewa County Land & Water Resource Management Plan, (2019-2023).

There was general discussion. Discussion focused on:

1. The purpose of the project and general content of the application and staff report.

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2. The process used by the State to review and act upon applications to the Knowles-Nelson Stewardship Fund.
3. The timing of the Committee action in relation to the timing of a State decision on the Knowles-Nelson Stewardship Fund application.

6. BUSINESS ITEMS

1. Consider Action on Timber Sale Contracts; Non-Compliance on Contracts #1320, #1321, #1322, & #1327 - M. Hansen

M. Hansen provided an oral report. He reported that a contractor who had been awarded Timber Sale Contracts #1302, #1321, #1322, and #1327 on 5/19/21, has not returned the required paperwork after being repeatedly advised that not meeting contract deadlines would result in the termination of those awarded contracts.

There was general discussion. Discussion focused on:

1. The type and location of the timber sales.
2. The terms of the contracts.

Motion that the two (2) contracts that had second bids will be released and ask second bidders if they want it (the sale). On other two (2) contracts, send bonds back to contractor and in two months, put on fall (timber) sale: Steele/Sikorski. Motion carried.

RESULT:	APPROVED [UNANIMOUS]
MOVER:	Harold Steele, District 1 (Vice-Chair)
SECONDER:	Glen Sikorski, District 2
AYES:	Gullickson, Steele, Sikorski, Schmitt, Hauser, Pingel

2. Consider Resolution to Approve the Cooperative Agreement to Implement a Joint Storm Water Program for the Chippewa Falls Urban Area - D. Masterpole

D. Masterpole provided an oral report. The report was supported by the following materials:

1. Power Point report titled: Overview of Key Changes to the Chippewa Falls Urban Area Storm Water Intermunicipal Agreement, What Changed? (LCFM, August, 2021 - Distributed 8/12/21 - copy on file & attached).
2. Agreement titled: Cooperative Agreement to Implement a Joint Storm Water Program for the Chippewa Falls Urban Area, (LCFM 7/27/21 - Distributed 8/12/21 - copy on file & attached).

Motion to support this contract: Steele/Sikorski. Motion carried.

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RESULT:	FORWARD TO COUNTY BOARD [UNANIMOUS]	Next: 9/14/2021 6:00 PM
MOVER:	Harold Steele, District 1 (Vice-Chair)	
SECONDER:	Glen Sikorski, District 2	
AYES:	Gullickson, Steele, Sikorski, Schmitt, Hauser, Pingel	

7. AGENDA ITEMS FOR FUTURE CONSIDERATION

Future agenda item requests are as follows:

1. Deer Fly Chase permit application.
2. Update on the status of the Homme access permit agreement.
3. Update on the status of the active animal waste storage permits.
4. Update on the status of the non-metallic mine reclamation ordinance revision.

8. ADJOURN

Motion to adjourn: Schmitt/Steele. Motion carried at 5:53 p.m.

RESULT:	APPROVED [UNANIMOUS]
MOVER:	Ken Schmitt, District 3
SECONDER:	Harold Steele, District 1 (Vice-Chair)
AYES:	Gullickson, Steele, Sikorski, Schmitt, Hauser, Pingel

CHIPPEWA COUNTY

LAND CONSERVATION & FOREST MANAGEMENT COMMITTEE

REGULAR MEETING

JULY 21, 2021

CHIPPEWA COUNTY COURTHOUSE, RM 302

4:30 PM

1. CALL TO ORDER

2. ROLL CALL

Attendee Name	Organization	Title	Status	Arrived
Dean Gullickson	Chippewa County	District 7 (Chair)	Present	
Harold Steele	Chippewa County	District 1 (Vice-Chair)	Present	
Glen Sikorski	Chippewa County	District 2	Present	
Ken Schmitt	Chippewa County	District 3	Present	
Don Hauser	Chippewa County	District 6	Present	
James Pingel	Chippewa County	Citizen Rep	Absent	

The Chair indicated that all members were present except FSA Representative Pingel.

Agency staff present throughout the meeting were R. Scholz (Co. Administrator), T. Pauls (Corporation Counsel), K. Clow, J. Larson, D. Masterpole, and J. Schemenauer - Recorder (LCFM).

Members of the public, as identified, were B. Barrickman, D. Barrickman, T. Belohlavek, D. Carlson, B. Henderson, T. Klein (Pheasants Forever), T. Hakes (Pheasants Forever), and P. Popple.

3. MEMBERS OF THE PUBLIC WISHING TO BE HEARD

P. Popple addressed the Committee and provided written comments (on file). She encouraged the Committee members to view a documentary regarding regenerative agricultural management strategies called "Kiss the Ground".

D. Barrickman addressed the Committee. He expressed support for the proposed Agricultural Performance Standards, Manure Storage and Livestock Facility Management Ordinance. On behalf of the Lake Wissota Improvement and Protection Association, he also expressed support for extending the Lake Wissota Stewardship Project contract with the County beyond the 2022 expiration date.

B. Barrickman addressed the Committee. She is a member of the Lake Wissota Improvement and Protection Association and Chair of the Healthy Lakes & Rivers Project on Lake Wissota. She provided an overview of the project and status of efforts to control runoff and erosion from waterfront property.

B. Henderson addressed the Committee. He is the manager of Farmer's Union, Kamp Kenwood. Farmer's Union and Kamp Kenwood partner with the Lake Wissota Stewardship Project and with the Lake Wissota Improvement and Protection Association to encourage water conservation and stewardship through educational programs. He provided an overview of these efforts and of improvements that have been made at the camp to protect and improve water quality.

4. CONSENT AGENDA

Minutes Acceptance: Minutes of Jul 21, 2021 4:30 PM (Consent Agenda)

Land Conservation & Forest Management Committee

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July 21, 2021

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RESULT:	APPROVED [UNANIMOUS]
MOVER:	Ken Schmitt, District 3
SECONDER:	Don Hauser, District 6
AYES:	Gullickson, Steele, Sikorski, Schmitt, Hauser
ABSENT:	Pingel

1. Approve the agenda
2. Approve the Minutes
3. Land Conservation & Forest Management Committee - Regular Meeting - Jun 16, 2021 4:30 PM
4. Schedule next regular meeting date - August 18, 2021

5. REPORTS

1. Overview of Canoe Portage Trail CIP Project; Status Update - J. Larson

J. Larson provided an oral report. The report was supported by the following documents:

1. Report titled: Chippewa County Canoe Portage, (2018), (Distributed 7/16/21 - copy on file & attached). The report provides a preliminary assessment of the current conditions of the Knickerbocker/Townline Canoe Portage Trail, and an overview of actions required to restore the trail.
2. Report titled: Chippewa County Canoe Portage Alternate Routes, (2019), (Distributed 7/16/21 - copy on file & attached). The report outlined two different options for establishing a canoe portage using the Townline, Horseshoe, and Plummer Lake complex.
3. Report titled: Report on the Status of Development of the Chippewa County Forest Canoe Portage Trail Project - 6/16/21, (LCFM 6/16/21 - Distributed 7/16/21 - copy on file & attached).

T. Belohlavek (Busy B Consulting) provided a brief summary of the above reports.

There was general discussion.

2. Overview and Status of LCFM 2021 Annual Work Plan; Chippewa Falls Urban Area Storm Water Mngt. Program - D. Masterpole

D. Masterpole presented an oral report. The report was supported by a spreadsheet titled: 2021 Annual Work Plan; Chippewa Falls Urban Area Storm Water Management Program, (LCFM 4/5/21), (Distributed 7/16/21 - copy on file & attached).

The report provided an update on the status of activities that are now being conducted under the 2021 storm water work plan; and on the status of negotiations with municipalities to meet the County Board directive of 7/13/21, to explore a new intermunicipal agreement to maintain a joint storm water program.

There was general discussion.

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3. Overview of Application for Chippewa Co. Stewardship Program Matching Grant to Acquire Land for Conservation and Public Use in T31N, R9W, Sec. 12 & 13, Submitted by Pheasants Forever - D. Masterpole
D. Masterpole presented an oral report. The report was supported by the following materials:

1. Cover letter from M. Moses (Pheasants Forever) to LCFM Committee regarding submittal of a Chippewa County Stewardship Program application (Distributed 7/16/21 - copy on file & attached).
2. Application titled: Chippewa County Stewardship Program Application for Nonprofit Conservation Organizations submitted by Pheasants Forever regarding the project named: McCann Creek Fishery Area Addition, (7/8/21), (Distributed 7/16/21 - copy on file & attached).
3. Report titled: Staff Review of an Application Submitted by Pheasants Forever, Inc. for a Chippewa County Stewardship Fund - Match Grant in the Amount of \$50,000 Towards the Purchase of ~182.5 Acres in Sections 12 & 13, T31N, R09W, Town of Bloomer, (LCFM 7/15/21 - Distributed 7/16/21 - copy on file & attached). The report outlines the PF proposal, explains the proposed match grant request, and outlines the extent to which the project aligns with program goals, management objectives, and actions established in the Chippewa County Land & Water Resource Management Plan (2019-2023).

There was general discussion. Discussion focused on:

1. The content of the application and findings of the staff report.
2. The project appraisal, budget, and funding sources.

6. BUSINESS ITEMS

1. Consider Ordinance to Repeal and Recreate Animal Waste Ordinance; Article IV, Division 3 of Chapter 2 of the Chippewa County Code - D. Masterpole
D. Masterpole provided a brief oral report. The report was supported by a document titled: Ordinance to Repeal and Recreate Article IV, Division 3 of Chapter 62 of the Chippewa County Codes of Ordinances, (Distributed 7/16/21 - copy on file & attached).

T. Pauls noted that there is a minor numbering error on Page 9 under (d)(6) of the proposed ordinance, which will be corrected before being submitted to County Board.

Motion to approve the ordinance, with the correction on Page 6 (as noted): Schmitt/Hauser. Motion carried.

RESULT:	FORWARD TO COUNTY BOARD [UNANIMOUS]	Next: 8/10/2021 6:00 PM
MOVER:	Ken Schmitt, District 3	
SECONDER:	Don Hauser, District 6	
AYES:	Gullickson, Steele, Sikorski, Schmitt, Hauser	
ABSENT:	Pingel	

Minutes Acceptance: Minutes of Jul 21, 2021 4:30 PM (Consent Agenda)

Land Conservation & Forest Management Committee

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7. AGENDA ITEMS FOR FUTURE CONSIDERATION

Future agenda items requested by the Committee are as follows:

1. Update on animal waste facilities construction in Chippewa County.
2. Groundwater quality issues.
3. Update on County Forest roads.

8. ADJOURN

Motion to adjourn: Steele/Schmitt. Motion carried at 6:00 p.m.

RESULT:	APPROVED [UNANIMOUS]
MOVER:	Harold Steele, District 1 (Vice-Chair)
SECONDER:	Ken Schmitt, District 3
AYES:	Gullickson, Steele, Sikorski, Schmitt, Hauser
ABSENT:	Pingel

Minutes Acceptance: Minutes of Jul 21, 2021 4:30 PM (Consent Agenda)

CHIPPEWA COUNTY

LAND CONSERVATION & FOREST MANAGEMENT COMMITTEE

SPECIAL MEETING

JULY 26, 2021

CHIPPEWA COUNTY COURTHOUSE, RM 302

4:30 PM

1. CALL TO ORDER

2. ROLL CALL

Attendee Name	Organization	Title	Status	Arrived
Dean Gullickson	Chippewa County	District 7 (Chair)	Present	
Harold Steele	Chippewa County	District 1 (Vice-Chair)	Present	
Glen Sikorski	Chippewa County	District 2	Absent	
Ken Schmitt	Chippewa County	District 3	Present	
Don Hauser	Chippewa County	District 6	Present	
James Pingel	Chippewa County	Citizen Rep	Present	

The Chair indicated that all members were present except Supervisor Sikorski.

Agency staff present throughout the meeting were R. Scholz (Co. Administrator), K. Clow, M. Hansen, D. Masterpole, J. Puig, R. Yohnk, and J. Schemenauer - Recorder (LCFM).

3. MEMBERS OF THE PUBLIC WISHING TO BE HEARD

There were no members of the public wishing to be heard.

4. CONSENT AGENDA

The Chair requested that Business Item #1 - Consider Application for Chippewa Co. Stewardship Program Matching Grant to Acquire Land for Conservation and Public Use in T31N, R9W, Sec. 12 & 13, Submitted by Pheasants Forever be deferred to be considered at the August LCFM meeting.

Motion to approve Consent Agenda and postpone the Stewardship Fund (agenda item): Steele/Hauser.
Motion carried.

RESULT:	APPROVED [UNANIMOUS]
MOVER:	Harold Steele, District 1 (Vice-Chair)
SECONDER:	Don Hauser, District 6
AYES:	Gullickson, Steele, Schmitt, Hauser, Pingel
ABSENT:	Sikorski

1. Approve the agenda

5. REPORTS

6. BUSINESS ITEMS

1. Consider Application for Chippewa Co. Stewardship Program Matching Grant to Acquire Land for Conservation and Public Use in T31N, R9W, Sec. 12 & 13, Submitted by Pheasants Forever - D. Masterpole

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Per earlier action in the Consent Agenda, this agenda item has been postponed to the August LCFM Committee meeting.

RESULT:	POSTPONE [UNANIMOUS]	Next: 8/18/2021 4:30 PM
MOVER:	Harold Steele, District 1 (Vice-Chair)	
SECONDER:	Don Hauser, District 6	
AYES:	Gullickson, Steele, Schmitt, Hauser, Pingel	
ABSENT:	Sikorski	

2. Consider 2022 Storm Water Fees - D. Masterpole

D. Masterpole presented an oral report. The report was supported by a fee schedule titled: 2022 Fee Schedule, Storm Water Fees, (LCFM 7/15/21 - Distributed 7/22/21 - copy on file & attached). The fees reflect the anticipated service costs of administering the storm water program in Chippewa County for 2022.

There was general discussion.

Motion to approve (the 2022 Storm Water Fees): Steele/Schmitt. Motion carried.

RESULT:	APPROVED [UNANIMOUS]
MOVER:	Harold Steele, District 1 (Vice-Chair)
SECONDER:	Ken Schmitt, District 3
AYES:	Gullickson, Steele, Schmitt, Hauser, Pingel
ABSENT:	Sikorski

3. Consider 2022 LCFM Budget Requests - D. Masterpole & J. Puig

D. Masterpole, R. Yohnk, M. Hansen, and J. Puig presented the Dept. of Land Conservation & Forest Management budgets, as supported by the following materials:

1. Spreadsheet titled: Chippewa County Dept. of Land Conservation & Forest Management - Recycling Division - 2022 Budget Summary, (LCFM 7/26/21 - Distributed 7/22/21 - copy on file & attached). The spreadsheet shows the line item expenses and revenues for the Recycling Division budgets.
2. Spreadsheet titled: Chippewa County Dept. of Land Conservation & Forest Management - Forest & Trails Division - 2022 Budget Summary, (LCFM 7/15/21 - copy on file & attached). The spreadsheet shows the line item expenses and revenues for the Forest & Trails Division budgets.
3. Spreadsheet titled: Chippewa County Dept. of Land Conservation & Forest Management - Land Water Conservation Division - 2022 Budget Summary, (LCFM 7/15/21 - Distributed 7/22/21 - copy on file & attached). The spreadsheet shows the line item expenses and revenues for the Land & Water Conservation Division budgets.
4. Recycling Division 2022 Springbrook budget and budget justification sheets showing individual line item expenses and revenues, (Distributed 7/22/21 -

Minutes Acceptance: Minutes of Jul 26, 2021 4:30 PM (Consent Agenda)

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copy on file & attached).

5. Forest & Trails Division 2022 Springbrook budget and budget justification sheets showing individual line item expenses and revenues, (Distributed 7/22/21 - copy on file & attached).
6. Land & Water Conservation Division 2022 Springbrook budget and budget justification sheets showing individual line item expenses and revenues, (Distributed 7/22/21 - copy on file & attached).

Recycling Division Budgets

R. Yohnk presented the Recycling Division budgets, using the spreadsheet titled: Chippewa County Dept. of Land Conservation & Forest Management - Recycling Division - 2022 Budget Summary, (LCFM 7/26/21), with focus on the summary notes that highlight key points and any significant changes to the previous year's budget.

There was general discussion.

Forest & Trails Division Budgets

M. Hansen presented the Forest & Trails Division budgets, using the spreadsheet titled: Chippewa County Dept. of Land Conservation & Forest Management - Forest & Trails Division - 2022 Budget Summary, (LCFM 7/15/21), with focus on the summary notes that highlight key points and any significant changes to the previous year's budget.

There was general discussion.

Land & Water Conservation Budgets

D. Masterpole & J. Puig presented the Land & Water Conservation Division budgets, using the spreadsheet titled: Chippewa County Dept. of Land Conservation & Forest Management - Land & Water Conservation Division - 2022 Budget Summary, (LCFM 7/15/21), with focus on the summary notes that highlight key points and any significant changes to the previous years budget.

There was general discussion.

Motion to approve the LCFM Budget and move it forward to the County Administrator and County Board: Hauser/Schmitt. All supervisors voted yes except Supervisor Steele no. Motion carried 4-1.

RESULT:	APPROVED [4 TO 1]
MOVER:	Don Hauser, District 6
SECONDER:	Ken Schmitt, District 3
AYES:	Gullickson, Schmitt, Hauser, Pingel
NAYS:	Steele
ABSENT:	Sikorski

Minutes Acceptance: Minutes of Jul 26, 2021 4:30 PM (Consent Agenda)

Land Conservation & Forest Management Committee

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Chippewa County Courthouse, Rm 302

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4:30 PM

7. AGENDA ITEMS FOR FUTURE CONSIDERATION

Future agenda items requested are as follows:

1. Address the Pheasant's Forever, Inc. stewardship fund application.
2. Consider appointments to the Chippewa County Community Foundation "Living Land Endowment", Donor Fund Advisory Committee.

8. ADJOURN

Motion to adjourn: Schmitt/Hauser. Motion carried at 6:05 p.m.

RESULT:	APPROVED [UNANIMOUS]
MOVER:	Ken Schmitt, District 3
SECONDER:	Don Hauser, District 6
AYES:	Gullickson, Steele, Schmitt, Hauser, Pingel
ABSENT:	Sikorski

Minutes Acceptance: Minutes of Jul 26, 2021 4:30 PM (Consent Agenda)



STATEMENT OF EXPLANATION
OVERVIEW OF RESULTS; 2021 COUNTY FOREST FSC AUDIT

5.1

Chippewa County participates in third party certification of sustainable forest management through the Forest Stewardship Council. Every year, a subset of the Counties participating in FSC or SFI certification is audited to monitor compliance with the FSC or SFI management guidelines. Chippewa, Clark, Eau Claire, and Polk counties were audited this year for compliance on a subset of the standards.

This agenda item will be used to discuss the audit findings and the response being developed by the audited Counties and the Wisconsin County Forest Association.

Sent: Monday, August 9, 2021 5:35 PM

Subject: [EXTERNAL] Preliminary SFI/FSC Audit Findings

Howdy Everyone.

Quick recap on the Closing Meeting for the SFI/FSC CF Cert Audit held last week in Clark, Eau Claire, Chippewa and Polk.

First of all, those 4 counties truly showcased what all of you do on a daily/annual basis.

These are super Draft and from my notes (Bekah/Mark please chime in from your notes) and WCFA/DNR/4 counties audited discussed some possible inaccuracies after the closing meeting... Here are the findings told to us at Closing

SFI

- **NO CARS**
- **1 OFI**
 - **3.13.3- BMP Monitoring-** This has absolutely **NOTHING** to do with the Counties but falls on DNR-Div. of Forestry for not approving and public posting the 5 Year BMP Monitoring for almost 2.5 years after the studies were done.

FSC

- **MINOR CAR**
 - **4.12.2-** but really has to do with the new (for 2021) Pesticide Policy 30-01 and having an Environmental, Social, Risk Assessment (ESRA) done on every/any pesticide application with a specific chemical. The non-conformance claims that
 - Claim is Clark did not have an ESRA for a specific chemical-application. Clark is going to refute this
 - Claim is Eau Claire didn't have any..... Well, Eau Claire didn't spray anything in 2021 so far.. So hence, no ESRAs needed
- **MINOR CAR**
 - **7.3.A-** Has to do with Training and Implementation of ESRAs
- **MINOR CAR**
 - **6.6E-** Annual Reporting of Pesticides. This is specific to the use of Cellutreat. (So, we will be reporting all Cellutreat uses going forward)
- **OBS**
 - **8.1.A-** BMP Monitoring. Same as the SFI OFI for BMP Monitoring not being posted faster.
 - **9.1.A-** HCVFs and this one has to do with a "future" FSC Standard that has yet to be completed/approved..... We are all scratching our head at this one.

Once I get the “Draft” reports, the 4 Counties will review, WCFA and myself also review, provide documentation to refute the ESRA CARS and see how the HCVF OBS is worded... We will then see what the final outcome is.

Leg/Cert committee in Hayward next month is going to be a fun one folks.....

Doug

We are committed to service excellence.

Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

Doug Brown

County Forest & Public Lands Specialist

Division of Forestry

Wisconsin Department of Natural Resources

Phone: 715-966-0157

Douglas.Brown@Wisconsin.gov



dnr.wi.gov





STATEMENT OF EXPLANATION OVERVIEW OF LAKES & SURFACE WATER GRANT PROGRAMMING STATUS

5.2

In 2020, there was a change in WI Admin. Code NR 193 that restructured the State's surface water grant program.

Under the program redesign, a County-based block grant program was created to better coordinate lakes and streams monitoring, and aquatic invasive efforts historically conducted by lake and stream organizations in the County.

As part of that redesign, DNR has encouraged the use of regional service providers to further facilitate coordination among counties.

In response to this administrative restructuring, Chippewa County has contracted Beaver Creek Reserve as a technical service provider to provide technical and administrative assistance to lakes organizations in Chippewa County.

The scope and detail of these services is defined in a service contract, and in an associated annual work plan that includes an activity schedule with associated product deliverables.

This agenda item will be used to provide an overview of the contracted services and status of product deliverables.

MEMORANDUM

TO: Randy Scholz
County Administrator

FROM: Dan Masterpole
Dept. Director/County Conservationist 

DATE: December 11, 2020

SUBJECT: CONTRACT FOR PURCHASE OF SERVICES BETWEEN CHIPPEWA COUNTY
AND BEAVER CREEK RESERVE

For your signature, please find attached two (2) copies of a Contract for Purchase of Services between the County of Chippewa and Beaver Creek Reserve to implement a lake management and monitoring, and associated contract attachments 1 and 2, program in Chippewa County.

In 2020, there was a change in WI Admin. Code NR 193 that restructured the State's surface water grant program.

Under the program redesign, a County-based block grant program was created to better coordinate lakes and streams monitoring, and aquatic invasive efforts historically conducted by lake and stream organizations in the County.

As part of that redesign, DNR has encouraged the use of regional service providers to further facilitate coordination among counties.

This is a new three (3) year project agreement that extends from 1/1/2021 to 12/31/2023, which is subject to annual review and renewal.

This project was included in the 2021 County budget, as budgeted in the Lake Protection Grant Account #100-52-56156-521200.

It is also important to note that the project and contract arrangement fulfills one of the primary objectives for lake and flowage management, as established in Sec. 8.4 of the Chippewa County Land & Water Resource Management Plan. This section is provided as Attachment A of this memo.

If there are no outstanding concerns, the agreement should be signed as soon as possible, after formal adoption of the 2021 budget, by the appropriate administrative authorities.

Please give me a call at #715-726-4590 if there are any concerns or if there is any additional information that I can provide to support this request.

DM/jls

Attachment

8.4 Lake and Flowage Management

Objective 1

Establish mechanisms to facilitate structured communication between the county, WDNR, and established lake district(s), lake associations, and other lake organizations to improve institutional capacity for lake and flowage management.

Action 1

Conduct a formal survey to assess interest on behalf of lake districts and associations.

Action 2

Establish web page links to network and share lake management information of common value to riparian residents and shoreland owners.

Action 3

Plan and conduct an annual Chippewa County Lake Conference sponsored by cooperating lake organizations on a round robin basis.

Objective 2

With WDNR and interested lake organizations, design, implement, and maintain a county-based lake water quality program, supported by citizen science volunteers, and to use remote sensing technology to monitor changes over time.

Objective 3

With WDNR and interested conservation non-profit organizations, establish a Wild Lakes Program for the purpose of scientific study, ecological monitoring, and permanent lakes protection.

Action 1

With WDNR, conduct an inventory of native lakes with no development, including a compilation of available data.

Action 2

With interested landowners and interested land trusts, establish a wild lakes registry to facilitate scientific study and permanent lake protections.

Objective 4

With WDNR, evaluate interest and feasibility of sponsoring a phased hydrologic study of the Holcombe Flowage to:

- Design and implement a water quality monitoring program for the Holcombe Flowage.
- Model the estimated values, phosphorus concentrations, and residency time of streamflow contributed from the Chippewa River and Jump River sub-basins, and

- Model the relationship between phosphorus concentrations, phosphorus loads, chlorophyll, and the frequency of algae blooms on the Jump River embayment.

Objective 5

Refine the existing flowage management plans for each of the managed flowages in the Chippewa County Forest to identify the specific management goals for each based upon the physical site limitations, the intended outdoor recreational seasonal use, and any broader County Forest management objectives.

Objective 6

For each of the dams, lakes, and flowages managed by the county, conduct all scheduled inspections, associated engineering analysis, and required dam maintenance to meet state dam licensing and safety requirements.

Citizen Lake Monitoring & AIS Prevention & Outreach Program Coordination	January				February				March				April				May				June				July				August				September				October				November				December			
Regional Activities as Planned	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
Chippewa County Monitoring & AIS Prevention & Outreach Program Coordination																																																
Develop & send letter of intro to inform lakes & streams org. of NR 193 changes & new org. framework																																																
Schedule & conduct a web-based org. mtg. & webinar to intro planned services & activities																																																
Research & eval. availability of lakes-based remote sensing data & imagery to augment surface water monitoring in Chippewa Co.																																																
Chippewa County Individual Lake Group Services																																																
Facilitate individual surface water grant application & reporting processes																																																
Community Outreach & Education	January				February				March				April				May				June				July				August				September				October				November				December			
Regional Activities as Planned	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Chippewa County Outreach																																																
Write semi-annual county-based elecontric newsletter to augment regional newsletter to facilitate info exchange amount lakes & streams groups in Chip. Co.																																																
Determine & establish web links between webpages maintained by County, WDNR, UWEX, Beaver Creek Reserve, and regional lakes & streams org. to facilitate info exchange																																																
Plan & conduct annual Chip. Co. lakes & streams info. mtg. to facilitate info exchange among cooperating parties					</																																											



STATEMENT OF EXPLANATION
DISCUSS APPLICATION FOR CHIPPEWA CO. STEWARDSHIP PROGRAM
MATCHING GRANT TO ACQUIRE LAND FOR CONSERVATION AND
PUBLIC USE IN T31N, R9W, SEC. 12 & 13, SUBMITTED BY PHEASANTS
FOREVER

The LCFM administers the Chippewa County Stewardship Fund following policy and procedures adopted by the County Board. The fund is used to by the County to: 1). Receive public contributions (\$) and donations of land for conservation purposes 2). Purchase land or conservation easements for conservation purposes, and 3). Distribute 1:1 match grants to eligible municipalities and non profit organizations to support the purchase of conservation and recreational lands for public outdoor recreational use.

On March 3, 2021, the LCFM Committee established annual grant criteria to be applied in the review of eligible projects.

On March 4, 2021, the LCFM submitted a Class II Notice of project eligibility to the Chippewa Herald, Bloomer Advance, Cornell Courier, and Stanley Republican for publication.

On 7/12/21, Pheasants Forever applied for a match grant in the amount of \$50,000.00 to purchase parcels located in the Town of Bloomer in T31N, R9W, Sections 12 & 13.

Under the project proposal, the parcels would be purchased to increase the size of the adjacent McCann Creek Fishery Area, and improve public access and recreational opportunities.

On 7/21/21, the Committee reviewed the proposal and received a staff report (dated 7/15/21) on the County Stewardship Grant application, as submitted by Pheasants Forever.

This agenda item has been scheduled as a report for further Committee discussion.

Staff Review of an Application Submitted by Pheasants Forever, Inc. for a Chippewa County Stewardship Fund - Match Grant in the Amount of \$50,000 Towards the Purchase of ~182.5 acres in Sections 12 & 13, T31N R09W, Town of Bloomer.

Background

The Chippewa County Stewardship Fund was created to assist landowners, municipalities, local units of government, and non-profit organizations to meet land conservation and resource management objectives by purchasing land in fee title or conservation easements (Resolution No. 76-98).

Program policy is detailed in Chippewa County Stewardship Fund Policy and Procedures for Program Administration (12/7/99). The policy requires that the Land Conservation and Forest Management Committee (LCFM) establish objectives and priorities for soliciting and evaluating applications for Local Matching Grants, on an annual basis.

The LCFM Committee established the 2021 annual criteria for evaluating and selecting projects submitted to the Chippewa County Stewardship Fund Local Match Grant Program on March 3, 2021. Public notices of matching grant availability were published in local newspapers.

The annual criteria are provided as Attachment I.

Issue for Committee Consideration

On July 12, 2021, Pheasants Forever, Inc. submitted a formal application for a Chippewa County Stewardship Fund Local Match Grant in the amount of \$50,000.00 for a project to acquire approximately 182.5 acres located in Sections 12 & 13, T31N R09W, Town of Bloomer, to conserve the natural resource values of the site, and to provide for non-motorized, nature-based public access.

To carry out its program responsibilities, the Land Conservation & Forest Management Committee is now in a position to evaluate the application to determine if the proposal meets the established criteria and aligns with the County's defined goals and objectives.

Project Location and Core Information

The location of the project, in proximity to the McCann Creek Fishery Area, is shown in Map Attachments 2, 3, and 4.

All parcels are located either in or immediately adjacent the State McCann Creek Fishery Area blocking boundary.

<u>Current landowner:</u>	David & Kelly Stanton
<u>Size of Subject Property:</u>	~ 182.5 acres
<u>Current Land Use:</u>	Agricultural
<u>2020 Real Estate Tax:</u>	\$ 2,170.82
<u>Current Project Status:</u>	Appraisal has been completed. Offer to Purchase has been signed. Applicant has submitted application to WI Knowles/Nelson Stewardship Fund.

Summary of Proposal

Pheasants Forever, Inc., a 501c(3) non-profit conservation organization, proposes to work in cooperation with the current landowners, Chippewa County, and the Wisconsin Department of Natural Resources (DNR) to acquire fee simple title to the ~182.5 acre property.

The primary purpose of the acquisition is to maintain the existing habitat types and increase public access and recreational opportunities associated with this property and the adjacent McCann Creek Fishery Area.

As a condition of the County grant, Pheasants Forever, Inc. will convey a permanent conservation easement to Chippewa County. The conservation easement will 'run-with-the-land' to guarantee public access and prohibit land uses that may conflict with the management objectives.

If acquired, Pheasants Forever, Inc. has stated an intent to donate the property to the State of Wisconsin to be managed by the Department of Natural Resources as part of the McCann Creek Fishery Area.

The site has historically been cultivated and used for agriculture use. In recent years, the following conservation programs have been applied to restore and enhance environmental value and habitat function:

- In 2003, 66.4 acres of cropland were restored by a previous landowner to return the hydrologic functions of wetlands working through the USDA Wetland Restoration Program (WRP). Under that program, NRCS holds a permanent conservation easement on that portion of the property.
- In 2017, 80.5 acres of cropland were restored to mesic prairie by another previous landowner to enhance upland wildlife habitat, working through the USDA CRP Program, under a 15 year management contract.

A copy of the full project narrative, as submitted with the application, is provided as Attachment 5.

Proposed Budget To Acquire Property:

Appraised Value	=	\$	402,000.00
Eligible Acquisition Expenses	=	\$	8,600.00
TOTAL PROJECT COST	=	\$	410,600.00

AMOUNT REQUESTED FROM COUNTY = \$ 50,000.00 (12.2%*)

PF & PARTNERS(S) CASH CONTRIBUTION = \$ 155,300.00

ANTICIPATED STATE/FED GRANT CONTRIBUTION = \$ 205,300.00

***Percentage of Total Project Cost**

County Stewardship Fund Balance

The County Stewardship account currently has an \$85,000 balance.

A \$15,000 Capital Improvement Project (CIP) allocation to the County Stewardship Fund has been approved by the County Board, pending adoption through the 2022 budget process.

If awarded, the County Stewardship Grant funding will be delivered at the time of closing.

Conclusion of Staff Review

LCFM staff has reviewed the application and has determined that the application is complete and that the proposal meets the standing program criteria and the 2021 annual criteria.

If successful, the project will advance goals and objectives of the County's Land and Water Resource Management Plan (2019-2023).

These goals, objectives, and actions are stated as follows:

Sec. 8.2 Land Conservation and Sustainability

Goal 2

Develop and administer conservation programs that preserve the land, support sustainable production, provide biodiversity, and protect the natural ecology.

Objective 6

Support the efforts of individual landowners, private nonprofit conservation organizations, and municipalities to preserve unique lands with high public and environment value.

Action 1

Actively administer and maintain the Chippewa County Stewardship Program to support the acquisition of land and/or conservation easements by municipalities or nonprofit organizations for conservation purposes.

Objective 7

Encourage land conservation and biodiversity through use of corridor initiatives.

Action 2

Work in cooperation with the WI Dept. of Natural Resources and interested landowners to determine the feasibility of establishing an environmental corridor linking the McCann Creek Fishery Area to the Ice Age National Scientific Reserve.

Objective 10

Protect and buffer the existing public land base by pursuing conservation easements or fee title purchase options on select parcels located within and immediately adjacent the designated blocking boundaries of public forests, parks, or conservation management areas.

Attachment 1

2021 Annual Criteria (Page 1)

LCFM 2/1/21

ANNUAL CRITERIA FOR EVALUATING AND SELECTING PROJECTS SUBMITTED TO THE CHIPPEWA COUNTY STEWARDSHIP FUND LOCAL MATCH GRANT PROGRAM IN 2021

Introduction

A complete outline of standing administrative policy is established in Chippewa County Stewardship Fund Policy and Procedures for Program Administration, (12/7/99). Section 2.0 gives the Land Conservation Committee (LCC) administrative authority for the Program.

Program policy provides for the use of the County Stewardship Fund to assist landowners, municipalities, local units of government, and non-profit organizations to meet land conservation and resource management objectives in the County.

Program policy requires the LCC to establish objectives and set priorities (annual grant application evaluation criteria) for funding allocations on an annual basis.

Applications shall specify all intended outdoor recreational uses.

Applications shall list all parties directly involved with the project proposal and long-term custodial management of the property.

Year 2021 Annual Grant Application Evaluation Criteria

In the Year 2021 grant cycle, primary consideration will be given to:

- a. Applicants who propose projects that will be matched by other grant sources.
- b. Applicants who have not previously received a grant.
- c. Applicants who propose projects with a purchase price of less than or equal to the appraised value. The County will not contribute to a proposed project in which the purchase price is higher than the appraised value, unless unique and extraordinary circumstances warrant paying more than the appraised value, as determined by the LCC.

All applications submitted through the Chippewa County Stewardship Local Matching Grants allocation process will be evaluated based upon the following criteria:

- a. Projects that provide permanent public access for the nature-based outdoor activities, defined in WI Stats. 23.0916(1)(b), including hunting, fishing, trapping, hiking, cross country skiing, and any other nature-based outdoor activity designated by the DNR.
1. Priority will be given to:
 - a. Municipal governments (cities, villages, towns) that request up to \$50,000 for acquisition of land or easements to establish green space, bicycle or pedestrian trail corridors, or nature-based park space, as identified in a current land use or public recreation plan.
 - b. County committees, non-profit organizations, or municipal governments (cities, villages, towns) that request up to \$50,000 for the purchase of land (or options to purchase), located within or adjacent the County Forest Blocking Boundary, or for acquisition of parcels which will be managed as part of the County park system.
 - i. Acquisition of land or conservation easements to protect shoreland corridors or areas of unique geological, environmental, or biological significance; or
 - ii. Acquisition of land or conservation easements to establish green space or recreational trail corridors in urbanizing areas subject to development; or

Attachment 1

2021 Annual Criteria (Page 2)

YEAR 2021 CHIPPEWA COUNTY STEWARDSHIP GRANT PROGRAM - ESTABLISHMENT OF ANNUAL
CRITERIA FOR EVALUATING AND SELECTING PROJECTS – continued from previous page

- iii. Acquisition of conservation easements to protect areas of farmland which have been identified in an approved Town land use plan and are zoned for “Production Agriculture” which establishes a residential density of no more than 1 residential unit per 35 acres; or lands covered by an active Farmland Preservation Agreement.

2. Additional matching grant guidelines include:

- a. Preference will be given to projects that propose the use of combined funding (applicant match + County match) as a local match toward other State or Federal grant programs.
- b. State and Federal grants may not be used as the applicant’s local match for County funds.
- c. Hard contribution from the applicant must be at least 10% of the amount of County funds requested.
- d. No project shall receive no more than \$50,000 from the County Stewardship Fund without County Board Approval

Further Clarification of Local Match Requirements and Eligible Expenses

To be eligible for project funds, the applicant must match the amount requested from the County Stewardship Fund. The Applicant’s match must consist of 10% hard contribution.

Local expenses, which may be applied as 10% hard contribution, are as follows:

- 1. Property appraisals.
- 2. Title Insurance.
- 3. Survey costs.
- 4. Recording fees.
- 5. Legal fees.
- 6. Donations toward an endowment for custodial management.

Explanatory Note:

Gifts of land value, offered by the landowner to the applicant, may be used for local match but may not be applied to 10% hard contribution.

The value of the gift is calculated as follows:

Gift Value = Appraised value of land or conservation easement minus the Purchase Price

For example: The Smith conservation easement was appraised at \$100,000 but they will sell the conservation easement to a Non-profit Organization for \$75,000. The Smith’s will be giving the Non-profit Organization a gift valued at \$25,000. The Non-profit Organization may apply the \$25,000 gift towards their local match, but it won’t be counted as part of their 10% hard contribution.

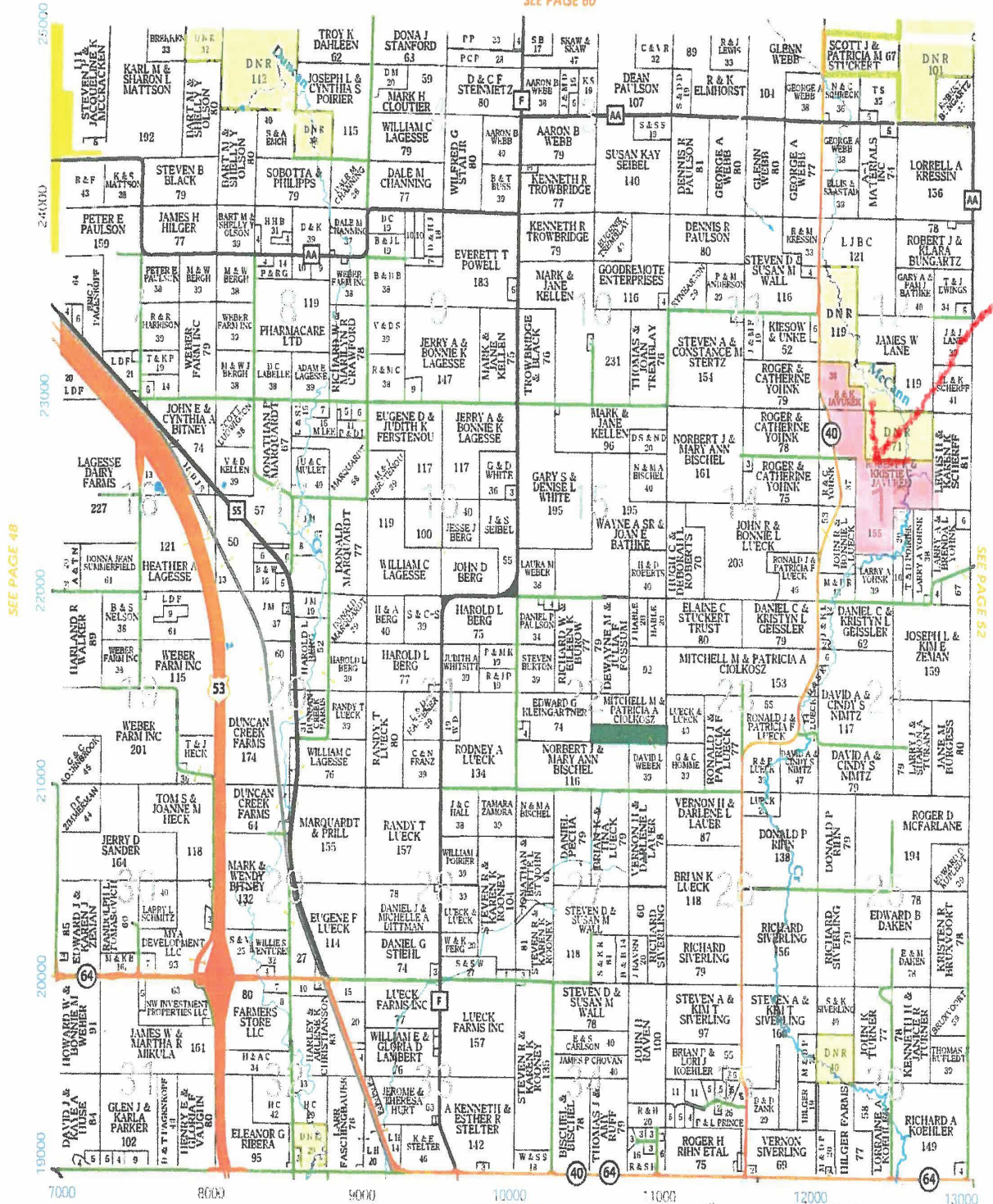
Attachment 2
Site Shown of Plat Book Page

BLOOMER (W)

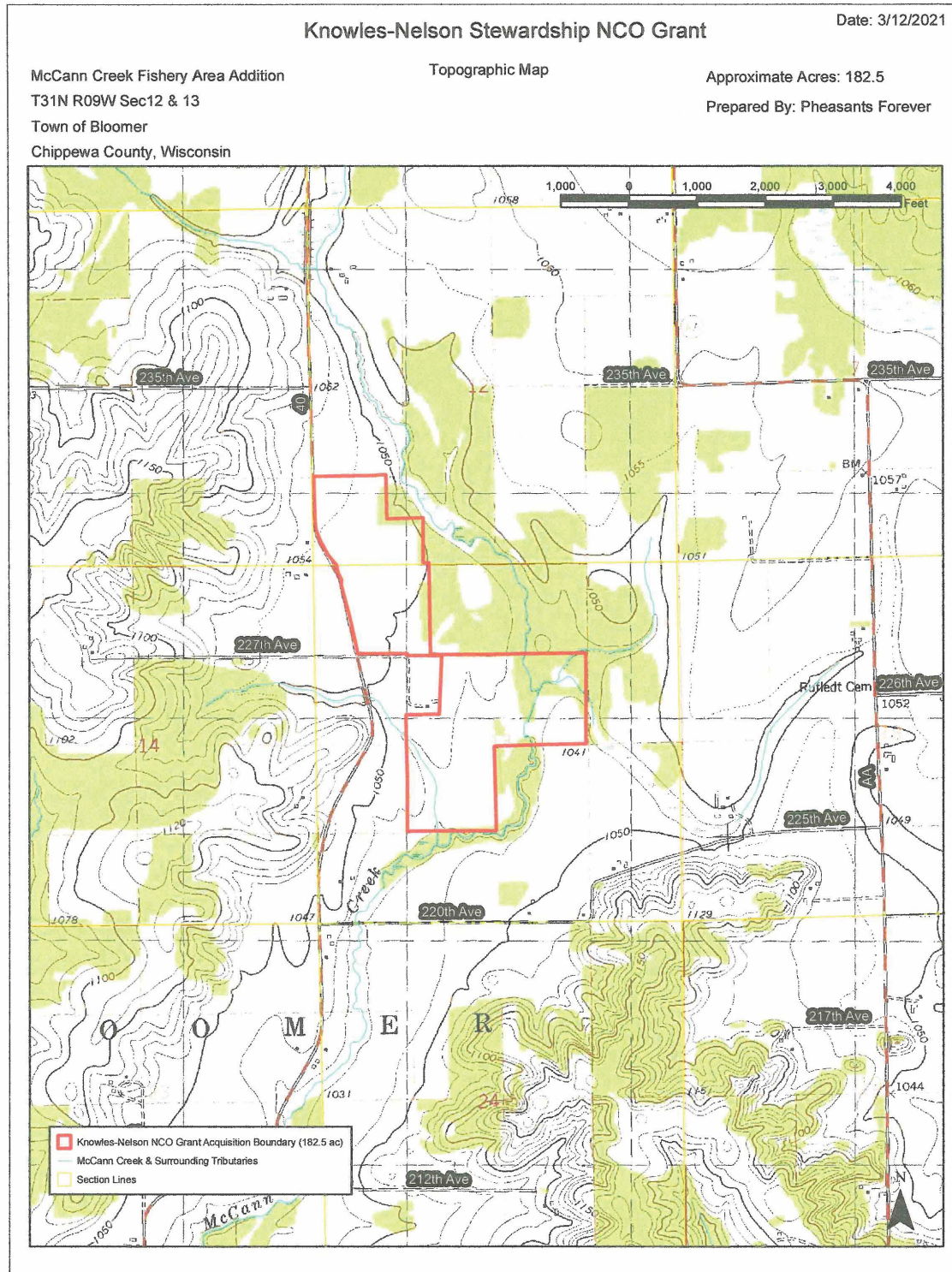
T31N R09W



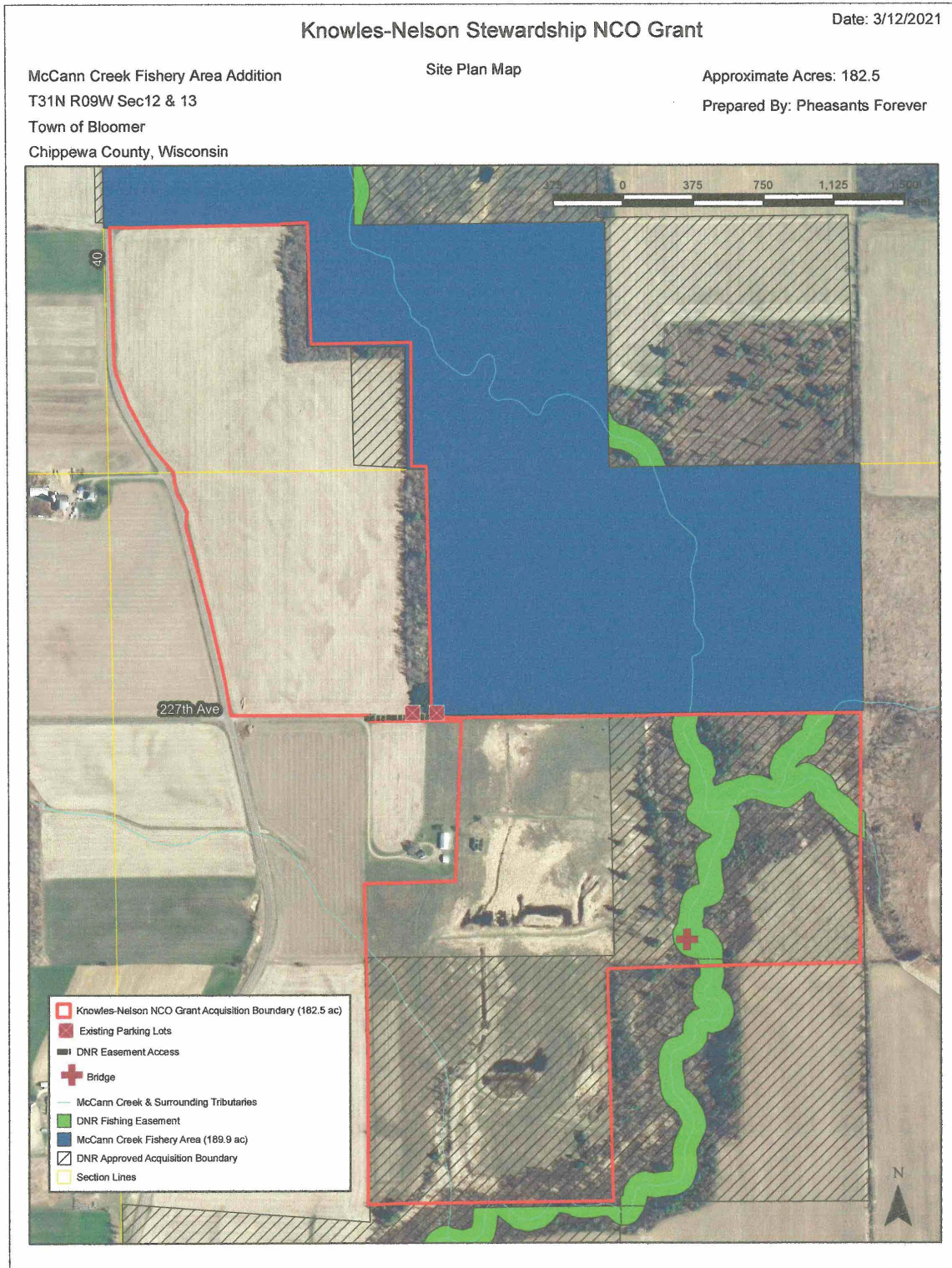
SEE PAGE 60



Attachment 3
Topographic Map of McCann Creek Fishery Area Addition
(North is up – Site is outlined in red)



Attachment 4
Aerial Overview of Project Site
(North is up – Site is outlined in red)



Attachment 5

Land Management Plan – McCann Creek Fishery Area Addition (Page 1)

Land Management Plan - McCann Creek Fishery Area Addition Knowles-Nelson Stewardship NCO Grant

Primary goals of the project

The McCann Creek Fishery Area Addition is located in Northwest Chippewa County in the town of Bloomer, Section 12 and 13, Township 31 North, Range 09 West. The 191.7 acre property is currently owned with a land contract by David & Kelly Stanton. The house and buildings associated with the property (9.2 acres) will not be purchased through the Knowles-Nelson Stewardship NCO grant. A total of 182.5 acres is included in this management plan.

The priority goals of this project are to acquire, through fee title, 182.5 acres of land in Chippewa County, maintain the existing habitat types, and increase public access and recreational opportunities associated with this property and the adjacent McCann Creek Fishery Area (189.9 acres).

This property has already been restored to native habitats through the Wetland Reserve Program (WRP) and the Conservation Reserve Program (CRP). Restored habitat types are consistent with the Wisconsin Wildlife Action Plan conservation opportunity areas associated with Forest Transition. They include mesic prairie (80.5 acres), emergent wetland (66.4 acres), northern forest (35.6 acres) and associated cold water stream (~1.0 miles of streambank).

The acquisition of the McCann Creek Fishery Area Addition will increase the size of the adjacent McCann Creek Fishery Area (189.9 acres) and improve public access and recreational opportunities.

Improvements and Structures:

- A. A steel bridge over McCann Creek, a class I trout stream identified as an Outstanding Resource Waterway, provides vehicle access to the eastern portions of the property. Wisconsin DNR hold an access easement from 227th Avenue with a parking area. See the Site Plan Map for location details of the bridge, easement access and parking lot.
- B. The site does not have any planned improvements or structures for development. Existing parking areas are strategically placed and will promote access to the acquisition. All habitat restoration projects have been established and there are no ongoing improvements on the property.

Current Land Use:

- A. The property has a historic agriculture land use. The following conservation programs have restored the native value and habitat function.
 - The United States Department of Agriculture (USDA) - Natural Resource Conservation Service (NRCS) holds a perpetual 66.4 acre WRP easement that restored the hydrologic function of cropland in 2003. The easement policy provides NRCS with management rights to the property in perpetuity. A management plan was updated in 2018 by the NRCS to promote micromanagement of wetland habitats. The management plan has been attached. The WRP easement policy aligns with the property goals established in this management plan.

Attachment 5

Land Management Plan – McCann Creek Fishery Area Addition (Page 2)

The USDA – Farm Service Agency (FSA) holds 80.5 acres of CRP under contract for mesic prairie. The prairie was most recently established in 2017. Through the CRP program, FSA requires management of these habitats. Periodic mowing will be required throughout these contracts to maintain the herbaceous cover. CRP contract length was not disclosed at the time of this management plan draft.

- The soil types are comprised of 58.1% sandy loams, 30.7% loam, and 11.1% muck soils. A detailed report of the soil series and location can be found on the attached soils map.
- B. The northern forest and associated cold water stream bank of McCann Creek is not currently in a management plan and is used for private/limited public recreation. Management of this forest and stream will align with management of the adjacent northern forest outlined in the McCann Creek Fishery Area management plan.

Surrounding Landscapes:

The surrounding landscapes in the Northwest portion of the County is 70% agriculture and 30% forest. The property is identified in the WI DNR's McCann Creek Fishery Area acquisition boundary and builds a complex corridor of forest transition habitat along the McCann Creek corridor. The existing McCann Creek Fishery Area is 189.9 acres of northern forest cold water stream corridor.

Ecological Issues:

- A. There appears to be no major problems associated with the property at the present time.
- B. There appears to be no major problems associated with the property at the present time.

Land Management Goals and Practices:

- This property has already been restored to the maximum extent possible. To support long-term biodiversity and stream health, land managers should utilize best management practices for each habitat type while staying in compliance with existing WRP and CRP contracts.

Implementation:

This property has already been restored to the maximum extent possible. Future management needs will be conducted by the Wisconsin Department of Natural Resources and/or Pheasants Forever Inc.



Marty Moses

Wisconsin State Coordinator

Pheasants Forever, Inc.

S8524 Giese Drive, Plain, WI 53577

p. (608) 712-8625

mmoses@pheasantsforever.org

Dear Chippewa County Stewardship Program and Land Conservation Committee,

Thank you for accepting our application for the 2021 Chippewa County Stewardship Fund Program. Included here is a copy of the Application form and supporting documents as they related to our 2021 Knowles-Nelson Stewardship Program application.

I do want to point out that we have initiated conversations with Wisconsin DNR in regard to the transfer of this property to the Fisheries Program as an addition to the McCann Creek Fishery Area. I have spoken with Jess Carstens, Area Wildlife Supervisor and have left a message with Joseph Gerbyshak (we have not directly spoken yet).

You will also note that the budget indicated on the Chippewa County Application varies slightly from the budget that was submitted to KNSP. At the time of submission to KNSP, we only had an estimate of property value and purchase price. However, we have since received the appraisal and have fully executed the purchase agreement with the seller for the amount indicated on the County Application.

Finally, we have received pre-approval notification from KNSP regarding this property's application.

If there is additional information you would like to have for this application, please feel free to reach out to me. My phone number is 608-712-8625 and my email is mmoses@pheasantsforever.org

A hard copy of this application and supporting documents has been sent via USPS.

Thank you for considering our proposal.

Sincerely,

Marty Moses

Attachment: Stewardship Fund Application & Maps (6557 : Discuss Application for Chippewa Co. Stewardship Program Matching Grant to

**CHIPPEWA COUNTY STEWARDSHIP PROGRAM
APPLICATION FOR NONPROFIT CONSERVATION ORGANIZATIONS**

Chippewa County Dept. of Land Conservation & Forest Management

Notes:

1. Use of this form is required for eligible organizations and units of government that apply for a grant for property or easement acquisition under the Chippewa County Stewardship Fund. To encourage the use of County funds as local match to State grant programs, this County form has been developed to be consistent with forms used by the Wisconsin Department of Natural Resources for the Knowles-Nelson Stewardship Program.
2. Please send your completed application form with support materials listed on the Application Checklist to the Chippewa County Dept. of Land Conservation & Forest Management, 711 N. Bridge Street, Chippewa Falls, WI 54729.

Project Name McCann Creek Fishery Area Addition	Project location (Must be in Chippewa Co.) 12261 227th Avenue, Bloomer, WI
Project type ☒ Land acquisition ☐ Easement acquisition ☐ Other	Number of acres 182.5
Name and address of organization Pheasants Forever Inc 1783 Buerkle Circle St Paul, MN 55110	Name and title of contact person Matt Holland Director of Grant Development Telephone number (including area code) (320) 894-5391

Does this project implement a recommendation contained in an approved Comprehensive Outdoor Recreation Plan, a land use plan, the National Heritage Inventory, or another type of comprehensive plan? If yes, indicate name of plan.

Chippewa County Land and Water Resource Management Plan; WI DNR's acquisition boundary for McCann Creek Fishery Management Area which is delineated on the Land Management Plan Map

Status of negotiations with landowners (check one):

☐ Discussions are underway with the landowners.
☐ An option has been assigned. Expiration date: _____
☒ An offer to purchase has been signed. Expected closing date: 12/15/2022
☐ An easement has been signed. Date: _____
☐ The property has been purchased. Date transfer recorded: _____

Is your organization a 501(c)(3) tax exempt organization? ☒ Yes ☐ No Date _____

Pheasants Forever, Inc.

I certify that the information in this application and supporting materials is true and correct and in conformity with applicable Wisconsin Statutes.

Name Matt Holland	Title Director of Grant Development
Signature	Date 7/8/2021

BUDGET WORKSHEET

1. Estimate of acquisition costs as defined in NR 51.002(1):

Appraised value of the property
(Indicate if this is only an estimate) \$ 402,000

Miscellaneous associated costs

Appraisal(s) \$ 3,000

Title insurance \$ 1,000(legal fees)

Survey \$ 4,000

Environmental inspection/audit \$ _____

Recording fees \$ 100

Relocation \$ 500(signage)

Estimate of total acquisition costs \$ 410,600

2. What is your actual purchase price for the property? \$ 402,000

3. Funding sources (list sources of sponsor match):

Sponsoring NCO \$ 155,300

Other organizations or third parties \$ _____

Local, State, or Federal government (itemize if multiple sources) \$ 205,300

Property contribution from the landowner \$ _____

Other contribution of property \$ _____

TOTAL \$ 360,600

4. Amount of cash award requested \$ 50,000

5. Estimate of annual maintenance expenses \$ _____

6. Estimate of development or habitat restoration costs, if applicable \$ _____

Knowles-Nelson Stewardship NCO Grant

Date: 3/12/2021

McCann Creek Fishery Area Addition

T31N R09W Sec12 & 13

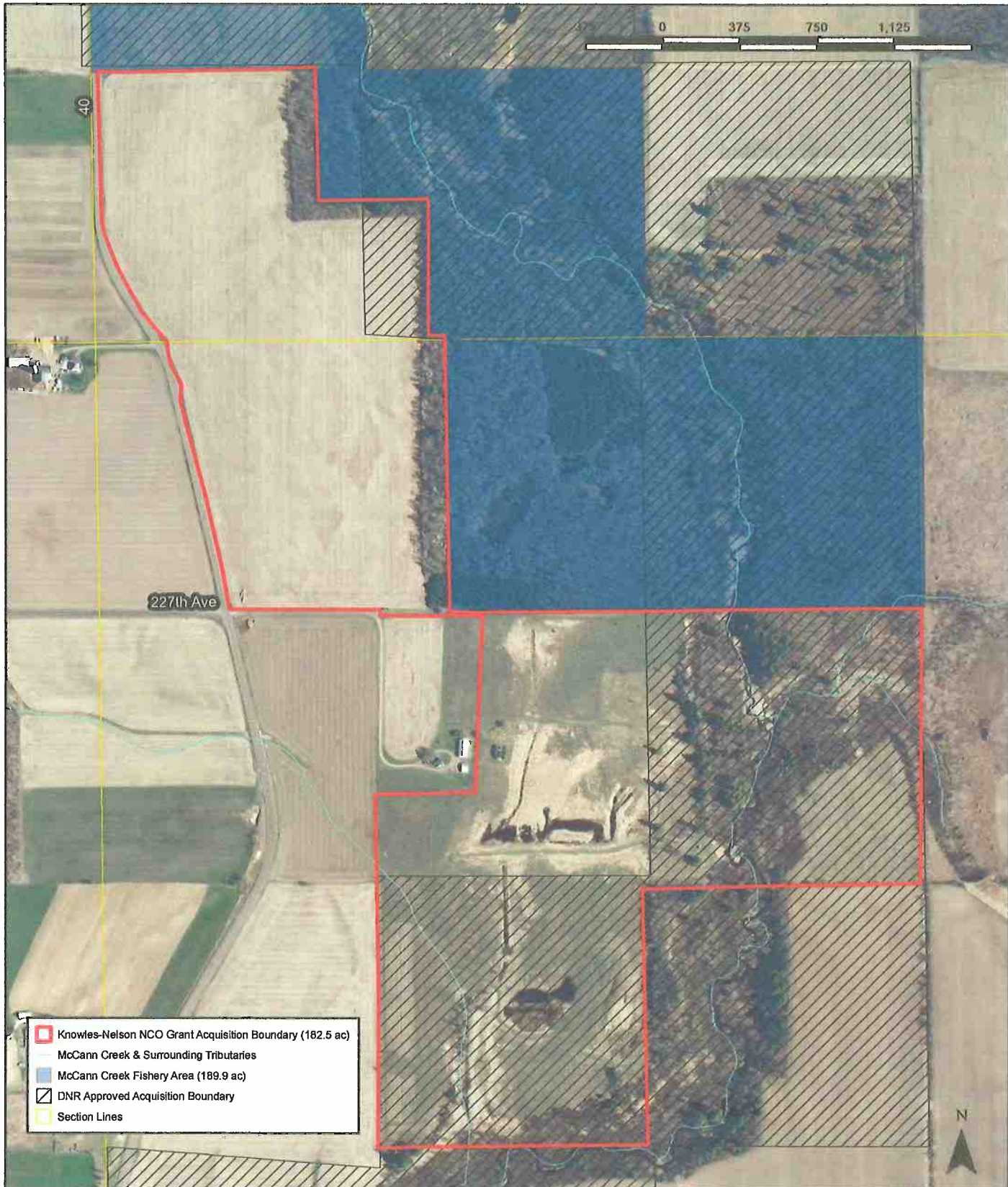
Town of Bloomer

Chippewa County, Wisconsin

Project Boundary Map

Approximate Acres: 182.5

Prepared By: Pheasants Forever



Attachment: Stewardship Fund Application & Maps (6557 : Discuss Application for Chippewa Co. Stewardship Program Matching Grant to

McCann Creek Fishery Area Addition

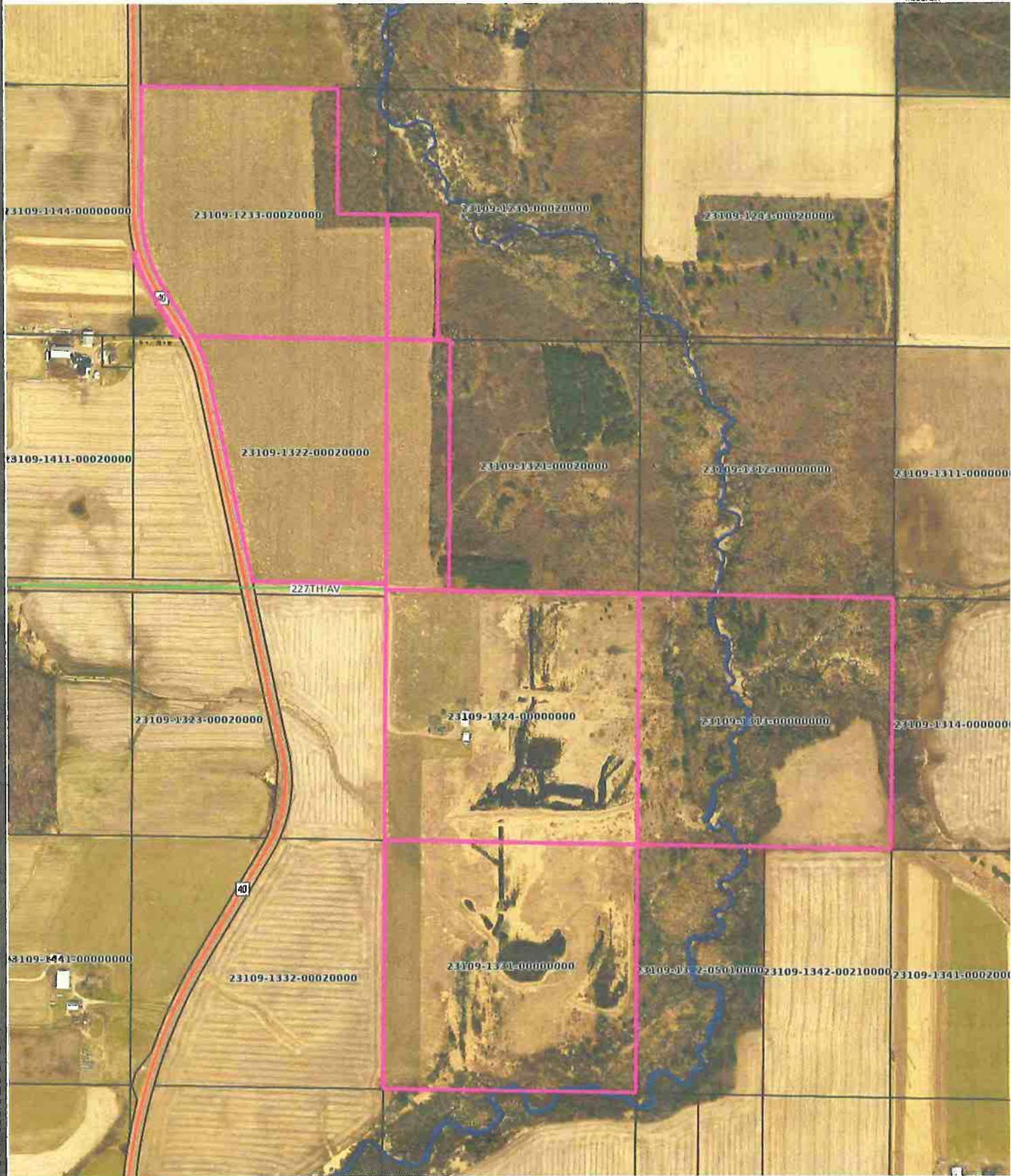
CHIPPEWA COUNTY

EST. 1856



Printed 03/15/2021

Scale = 1:660'



Attachment: Stewardship Fund Application & Maps (6557 : Discuss Application for Chippewa Co. Stewardship Program Matching Grant to

Disclaimer: This map is a compilation of records as they appear in the Chippewa County Offices affecting the area shown and is to be used only for reference purposes.



STATEMENT OF EXPLANATION
CONSIDER ACTION ON TIMBER SALE CONTRACTS; NON-COMPLIANCE
ON CONTRACTS #1320, #1321, #1322, & #1327

On 5/19/21, the LCFM Committee awarded sales to the highest bidders from the bid opening held on May 17, 2021. LCFM staff have not received paperwork for four of the sales awarded. All contractors with outstanding paperwork were repeatedly warned that not meeting contract deadlines would result in the termination of those awarded contracts.

It is standard practice to terminate contracts for non-compliance or poor performance. The Committee may choose to terminate the contract without penalty or penalize the contractor for failing to meet the contract requirements. The full amount of the bid bond checks, equivalent to 10% of the full sale amount, may be retained as damages.

An additional penalty may also be applied if deemed necessary by the Committee. The penalty of designating a contractor as an ineligible bidder on future timber sales, for a period of up to two years, may also be assessed.

This agenda item will be used to take action on non-compliant timber sale contracts.



STATEMENT OF EXPLANATION

Resolution No. 39 - 21

RESOLUTION TO APPROVE AN INTERGOVERNMENTAL COOPERATIVE AGREEMENT TO IMPLEMENT A JOINT STORM WATER PROGRAM FOR THE CHIPPEWA FALLS URBAN AREA - DAN MASTERPOLE

1 Passage of this resolution will formally adopt a Cooperative Agreement to Implement a
 2 Joint Storm Water Program for the Chippewa Falls Urban Area. Chippewa County, the Village of
 3 Lake Hallie, the Town of Anson, the Town of Eagle Point and the Town of Lafayette are required
 4 to implement a storm water management program to comply with Wisconsin Administrative
 5 Rule NR 216, and the Wisconsin Pollution Discharge Elimination System under WPDES Permit
 6 #WI- S050075. To meet this requirement, Chippewa County and several of the affected
 7 municipalities conducted a formal planning process and completed a joint storm water
 8 management plan for designated areas within the Chippewa Falls Urban Area. The resulting
 9 *Chippewa Falls Urban Area Storm Water Plan (10/10/07)*, set out a joint storm water
 10 management program which meets permit requirements.

11 In 2007, the Chippewa County Board of Supervisors adopted Resolution #35-07 to
 12 approve the Chippewa Falls Urban Area Storm Water Management Plan and to authorize the
 13 County Board Chair and County Administrator to sign an intergovernmental agreement on
 14 behalf of the County. The intergovernmental agreement was executed and a joint storm water
 15 program has been successfully implemented. The intergovernmental agreement has now
 16 expired and the WPDES Permit structure has now changed.

17 On February 10, 2021, the Land Conservation and Forest Management (LCFM)
 18 Committee reviewed the status of the existing joint storm water agreement and a proposed
 19 revised intergovernmental agreement, developed to meet the requirements of the new WPDES
 20 permit structure. On March 3, 2021, the LCFM Committee considered a motion to continue
 21 with the joint storm water plan which failed. In response to that failed motion, the Department
 22 of Land Conservation & Forest Management developed a work plan and schedule of program
 23 activities to meet the County's obligations under WPDES permit #WI S050075. This plan was
 24 developed independently from, but while in communication with the other affected
 25 municipalities in the Chippewa Falls Urban Area.

26 On May 19, 2021, the LCFM Committee discussed the public costs of administering the
 27 Chippewa Falls Urban Area Storm Water Management Program, as incurred by the

28 municipalities and County departments, and the best available approaches toward County
29 program budgeting, including methods for tracking time and program costs. On July 13, 2021,
30 the Department of Land Conservation & Forest Management provided a Power Point report to
31 the Chippewa County Board that summarized the current storm water management program
32 status. The County Board took action to direct the County Administrator and LCFM Director to
33 negotiate a new agreement to implement a joint storm water agreement for the Chippewa Falls
34 Urban Area and to bring it to the August County Board meeting.

35 A new cooperative agreement to implement a joint storm water program for the
36 Chippewa Falls Urban Area has now been negotiated with the affected municipalities. This
37 agreement has been reviewed by the DNR Storm Water Program Coordinator, who has
38 determined that the agreement meets requirements for intermunicipal cooperation program
39 delegation and contracting under Section 2.10 of WPDES Permit #WI-S050075-3. This new
40 agreement was considered and acted upon by the Village of Lake Hallie, Town of Eagle Point,
41 and Town of Lafayette on August 2, 2021, and by the Town of Anson on August 12, 2021.

42 This new proposed intergovernmental agreement was placed as a business item on the
43 August 10, 2021, County Board meeting agenda, where a motion to suspend the rules of the
44 Board to consider the agreement failed, which resulted in no discussion or action by the County
45 Board. The County Board Chair/LCFM Committee Chair, however did support placement of the
46 same item on the August 18, 2021, LCFM Committee agenda for review and recommendation
47 to the County Board on September 14, 2021.

48

Resolution No. 39 - 21

**RESOLUTION TO APPROVE AN INTERGOVERNMENTAL COOPERATIVE AGREEMENT TO
IMPLEMENT A JOINT STORM WATER PROGRAM FOR THE CHIPPEWA FALLS URBAN AREA -
DAN MASTERPOLE**

WHEREAS, Chippewa County, the Village of Lake Hallie, the Town of Anson, the Town of Eagle Point and the Town of Lafayette (the "Municipalities") are required to implement a storm water management program to comply with Wisconsin Administrative Rule NR 216, and the Wisconsin Pollution Discharge Elimination System (WPDES) under WPDES Permit #WI- S050075; and

WHEREAS, to meet this requirement, Chippewa County and the affected municipalities conducted a formal planning process and developed a joint storm water management plan for designated areas within the Chippewa Falls Urban Area; and

WHEREAS, the resulting *Chippewa Falls Urban Area Storm Water Plan*, dated October 10, 2007, established the administrative framework of a joint storm water management program to meet WPDES permit requirements; and

WHEREAS, in 2007, the Chippewa County Board of Supervisors adopted Resolution #35-07 to approve the Chippewa Falls Urban Area Storm Water Management Plan and to authorize the County Board Chair and County Administrator to sign an intergovernmental agreement to implement this program; and

WHEREAS, that intergovernmental agreement was subsequently signed and the associated joint storm water program was successfully implemented with the Municipalities; and

WHEREAS, the WPDES Permit structure has now changed and the intergovernmental agreement has expired; and

WHEREAS, on February 10, 2021, the Land Conservation and Forest Management Committee (the "LCFM Committee") reviewed the status of the existing joint storm water program and a revised intergovernmental agreement developed with the affected municipalities, to meet the requirements of the new WPDES permit; and

WHEREAS, on March 3, 2021, the LCFM Committee considered a motion to continue with the joint storm water plan, which subsequently failed in Committee; and

WHEREAS, in response to that failed motion, the Department of Land Conservation & Forest Management developed a work plan and schedule of program activities to meet the County's obligations under WPDES permit #WI S050075, working independently from, while in

93 communication with, the affected municipalities; and

94
95 WHEREAS, on May 19, 2021, the LCFM Committee discussed the public costs of
96 administering the Chippewa Falls Urban Area Storm Water Management Program, as incurred
97 by the municipalities and County departments, and the best available approaches toward
98 County program budgeting, including methods for tracking time and program costs; and
99

100 WHEREAS, on July 13, 2021, the County Board received a report on the status of the
101 program, and acted to direct the County Administrator and LCFM Director to negotiate a new
102 intergovernmental agreement with the Municipalities to implement a joint storm water
103 agreement for the Chippewa Falls Urban Area, and to bring it to the August 10, 2021 County
104 Board meeting; and
105

106 WHEREAS, a new proposed intergovernmental agreement was placed as a business item
107 on the August 10, 2021 County Board meeting agenda, where a motion to suspend the rules of
108 the Board to consider the agreement failed, which resulted in no discussion or action by the
109 County Board; and
110

111 WHEREAS, the County Board Chair/LCFM Committee Chair, however did support
112 placement of the same item on the August 18, 2021, LCFM Committee agenda for review and
113 recommendation to the County Board on September 14, 2021; and
114

115 WHEREAS, on August 18, 2021, the LCFM Committee reviewed the new agreement, as
116 negotiated with the affected municipalities;
117

118 NOW, THEREFORE BE IT RESOLVED, that the County Board does hereby approve the
119 attached Cooperative Agreement to Implement a Joint Storm Water Program for the Chippewa
120 Falls Urban Area; and
121

122 BE IT FURTHER RESOLVED, that the County Board Chair and County Administrator are
123 hereby authorized to sign this intergovernmental agreement, to implement and maintain a joint
124 storm water program to meet WPDES permit requirements in the Chippewa Falls Urban Area.
125

126 Recommended for Approval by the Land Conservation & Forest Management
127 Committee.
128

129 **FINANCIAL IMPACT:**

130 The estimated fiscal impact to Chippewa County is \$7,750 and is more particularly set out on
131 page 6 of the attached Agreement.
132

08/18/2021 Land Conservation & Forest Management Committee
RESULT: FORWARD TO COUNTY BOARD [UNANIMOUS] Next: 9/14/2021 6:00 PM
MOVER: Harold Steele, District 1 (Vice-Chair)
SECONDER: Glen Sikorski, District 2
AYES: Gullickson, Steele, Sikorski, Schmitt, Hauser, Pingel

Approved as to Form:

Todd A. Pauls

Todd A. Pauls, Corporation Counsel

8/12/2021

Lori Zwiefelhofer

Lori Zwiefelhofer, Finance Director

8/12/2021

Randy B. Scholz

Randy B. Scholz, County Administrator

8/12/2021

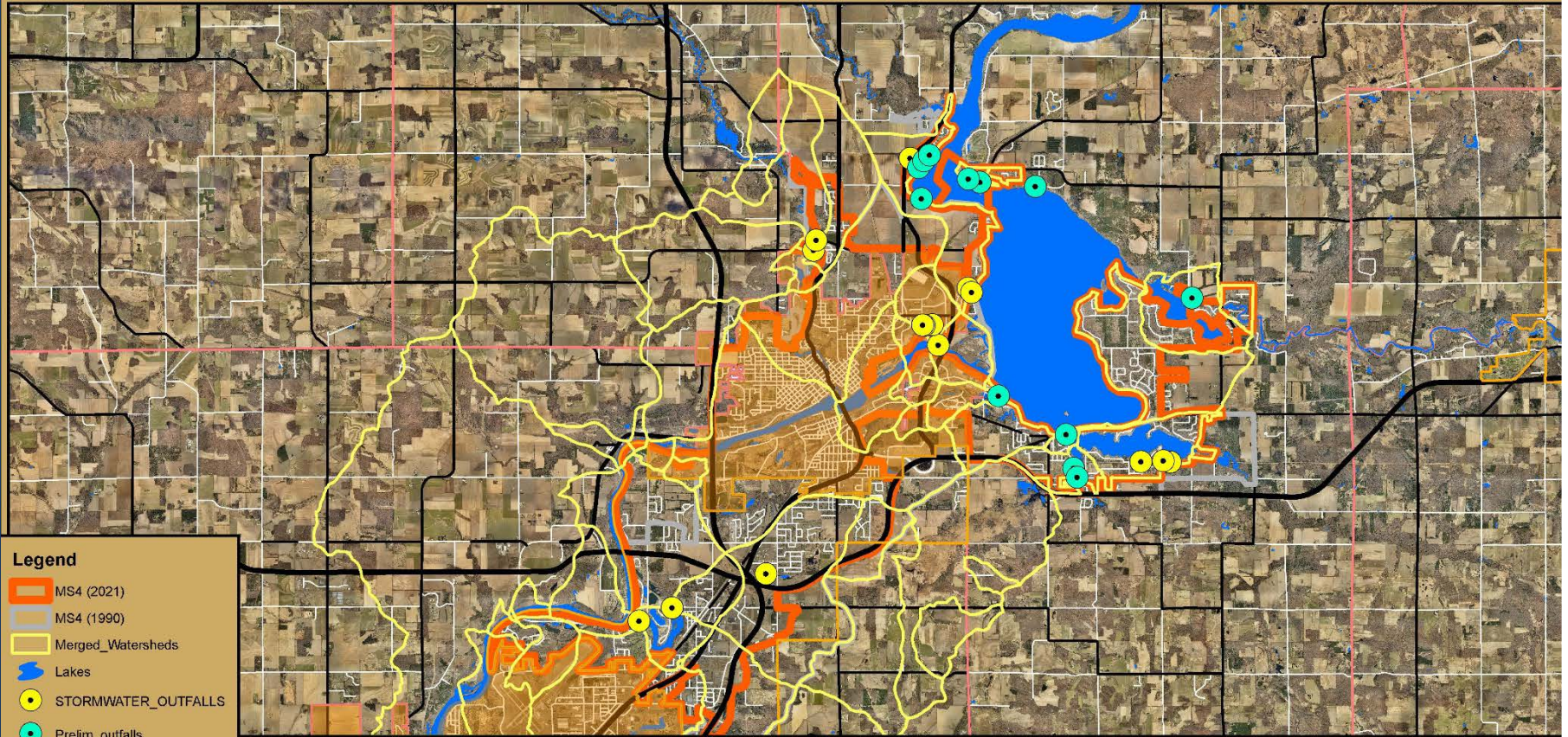
Overview of Key Changes to the Chippewa Falls Urban Area Storm Water Intermunicipal Agreement

What Changed?

August, 2021

Chippewa County Land Conservation &
Forest Management

Updated MS4, Municipal Boundaries, Sub-Watershed Boundaries, Stormwater Outfalls and Roads



Legend

- MS4 (2021)
- MS4 (1990)
- Merged_Watersheds
- Lakes
- STORMWATER_OUTFALLS
- Prelim_outfalls
- CITY
- VILLAGE
- TOWN
- MunicipalRoads
- CountyRoads
- StateRoads

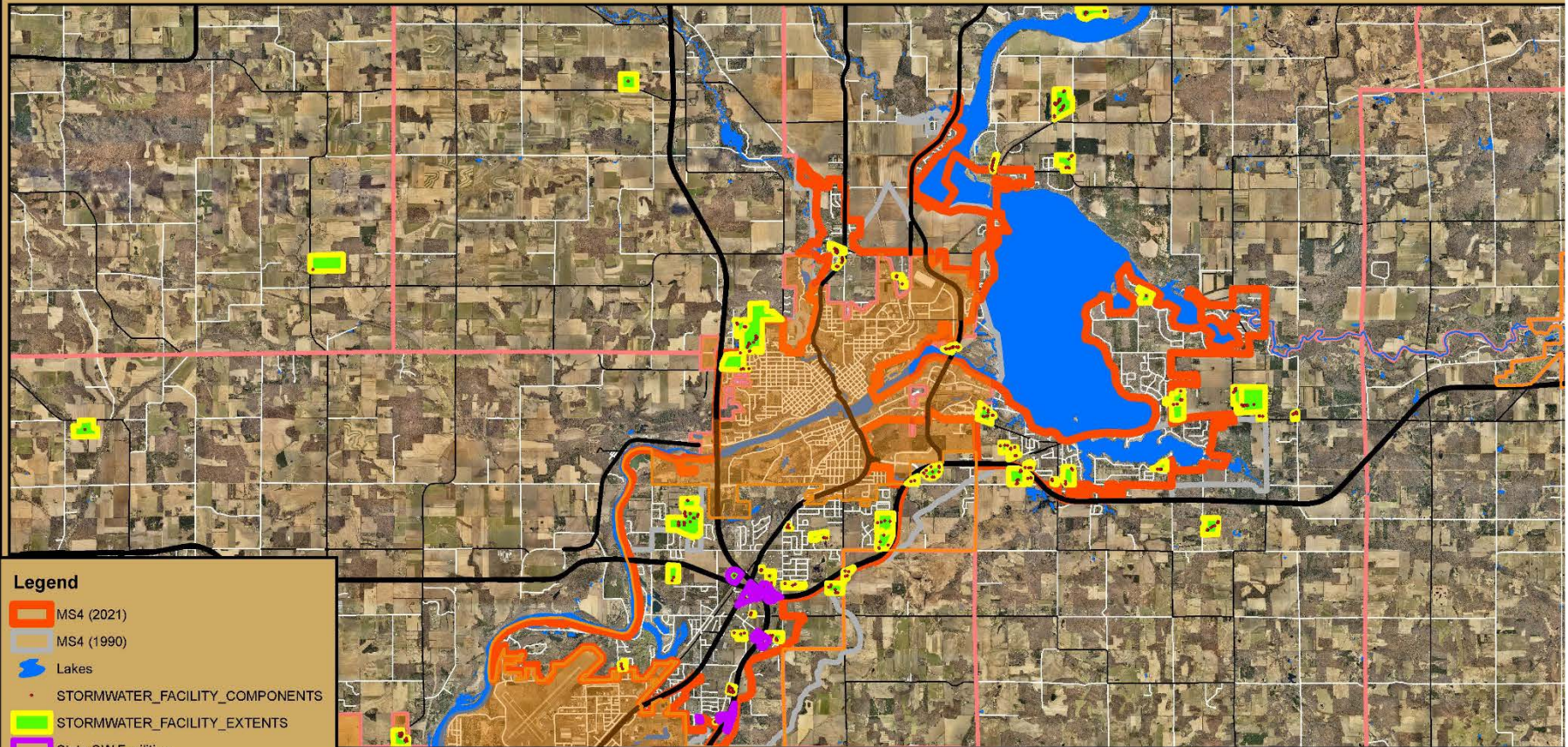


Photobase: 201

Date: 7/7/20



Updated MS4, Municipal Boundaries, Stormwater Systems, and Roads



Legend

- MS4 (2021)
- MS4 (1990)
- Lakes
- STORMWATER_FACILITY_COMPONENTS
- STORMWATER_FACILITY_EXTENTS
- State SW Facilities
- CITY
- VILLAGE
- TOWN
- MunicipalRoads
- CountyRoads
- StateRoads



0 1 2 4 6 8 Miles
1 in = 2 miles

Photobase:

Date: 7/7

What Changed?



6.2.a

What changed?

- New WPDES storm water permit places higher expectations, is more prescriptive, & requires higher level of dedicated programming
- New agreement more clearly defines roles/responsibilities of the County & each municipality

What Changed?

Worksheet 8
X - Mandatory
@ - Show/Notify to Augment
County Activities

SUMMARY OF CORE RESPONSIBILITIES OF COOPERATING MUNICIPALITIES
AND AGENCIES UNDER THE JOINT PERMIT AND ASSOCIATED
STORMWATER MANAGEMENT PROGRAM

LCFM 7/27/21

PROGRAM AREA AND ACTIVITY	COUNTY			MUNICIPALITIES					
	Planning & Zoning	LCFM	Highway	Lake Hattie	Anson	Engle Point	Lafayette		
2.1 Public Education and Outreach									
2.1.1 Topic									
2.1.2 Delivery Mechanism									
2.1.3 Target Audience									
2.2 Public Involvement & Participation									
2.2.1 Permit Activities									
2.2.2 Delivery Mechanism									
2.2.3 Volunteer Activities									
2.2.4 Target Participants									
2.3 Storm Discharge Detection & Elimination									
2.3.1 IDEC Ordinance									
2.3.2 IDEC Field Inspections									
2.3.3 IDEC Source Investigation & Elimination									
2.3.4 Remove Known Spot Discharges From MS4 System									
2.3.5 In Case of Interconnected MS4, Permittee Shall Notify Appropriate Municipality if Spot Discharge Originated from Permittee's Permitted Area or has been Treated Upstream to Interconnected Point									
2.3.6 Name, Title, & Phone Number of Individual Responsible for Responding to Reports Included in Response Procedure									
2.4 Construction Site Pollutant Control									
2.4.1 Construction Site Ordinance									
2.4.2 Erosion & Sediment Control Plan Review									
2.4.3 Administrative Procedures									
2.4.4 Construction Site Inspections & Enforcement									
2.5 Post-Construction Storm Water Management									
2.5.1 Post-Construction Storm Water Ordinance									
2.5.2 Administrative Procedures									
2.5.3 Storm Water Management Plan Review									
2.5.4 Long-Term Maintenance, Inspections, & Enforcement									
2.6 Pollution Prevention									
2.6.1 Storm Water Management Facilities									
2.6.2 Maintenance Plan									
2.6.3 Municipality Owned Public Works Facilities									
2.6.4 Source Water Protection Areas									
2.6.5 Collection Services/Storm Sewer System Maintenance Activities									
2.6.6 Winter Road Management									
2.6.7 Nutrient Management									
2.6.8 Environmentally Sensitive Development									
2.6.9 Internal Training & Education									
2.7 Storm Water Quality Management									
2.7.1 Implement & Maintain all Storm Water Management Practices									
2.8 Storm Sewer System Map									
2.8.1 Identify Waters of the State									
2.8.2 Identify Known Wetlands, Endangered, Threatened Resources, & Historical Property									
2.8.3 Identify All Known MS4 Outfalls									
2.8.4 Location of Any Known MS4 Discharge									
2.8.5 Location of Municipality Owned or Operated Structural Storm Water Management Facilities									
2.8.6 Identification of Publicly Owned Parks, Recreational Areas, & Other Open Lands									
2.8.7 Location of Municipal Garages, Storage Areas, & Other Public Works Facilities									
2.8.8 Identification of Streets									
2.9 Annual Report									
2.9.1 Status of Implementing Permit Requirements									
2.9.2 Fiscal Analysis for Reporting Year & Budget for Next Year									
2.9.3 Summary of Number & Nature of Inspections & Enforcement Actions									
2.9.4 Identification of Any Known Water Quality Improvements or Degradation									
2.9.5 Evaluation of Program Compliance									
2.9.6 Notice that Permittee is Relying on Another Municipality to Satisfy Permit Requirements, if Applicable									
2.9.7 Representative of Permittee Sign & Certify Annual Report									
2.9.8 Annual Report & Required Reports Submitted Electronically									
2.10 Cooperation									
2.10.1 Municipality or Entity Implements Required Control Measure or Permit Requirement									
2.10.2 Particular Control Measure is at Least as Stringent as Corresponding Permit Requirements									
2.10.3 Other Municipality or Entity Agrees to Implement Control Measure or Permit Requirement on the Permittee's Behalf									
2.11 Amendments									
2.12 Reapplication for Permit Coverage									

Worksheet 8/20/21 Worksheet 8/20

•Table attached to agreement provides detail by WPDES permit element, as tentatively agreed & delegated

What Changed?



6.2.a

Attachment: Stormwater Agreement Presentation 8-3-2021 (39 - 21 : Resolution to

LCFM 7/27/21

X - Mandatory

(X) - Discretionary to Augment
County Activities

SUMMARY OF CORE RESPONSIBILITIES OF COOPERATING MUNICIPALITIES AND AGENCIES UNDER THE JOINT PERMIT AND ASSOCIATED STORMWATER MANAGEMENT PROGRAM

PROGRAM AREA AND ACTIVITY	COUNTY			MUNICIPALITIES			
	Planning & Zoning	LCFM	Highway	Lake Hallie	Anson	Eagle Point	Lafayette
2.1 Public Education and Outreach		X					
2.1.1 Topics		X		(X)	(X)	(X)	(X)
2.1.2 Delivery Mechanism		X		(X)	(X)	(X)	(X)
2.1.3 Target Audience		X		(X)	(X)	(X)	(X)
2.2 Public Involvement & Participation							
2.2.1 Permit Activities		X		(X)	(X)	(X)	(X)
2.2.2 Delivery Mechanism		X		(X)	(X)	(X)	(X)
2.2.3 Volunteer Activities		X		(X)	(X)	(X)	(X)
2.2.4 Target Participants		X		(X)	(X)	(X)	(X)
2.3 Illicit Discharge Detection & Elimination							
2.3.1 IDDE Ordinance	X						X
2.3.2 IDDE Field Screening		X					
2.3.3 IDDE Source Investigation & Elimination		X					
2.3.4 Remove Known Illicit Discharges From MS4 System	X			X	X	X	X
2.3.5 In Case of Interconnected MS4s, Permitted Shall Notify Appropriate Municipality if Illicit Discharge Originated from Permitt's Permitted Area or has Been Tracked Upstream to Interconnected Point		X		X	X	X	X
2.3.6 Name, Title, & Phone Number of Individuals Responsible for Responding to Reports Included in Response Procedure		X		X	X	X	X
2.4 Construction Site Pollutant Control							
2.4.1 Construction Site Ordinance	X	X					
2.4.2 Erosion & Sediment Control Plan Review		X					
2.4.3 Administrative Procedures		X					
2.4.4 Construction Site Inspections & Enforcement	X	X					
2.5 Post-Construction Storm Water Management							
2.5.1 Post-Construction Storm Water Ordinance	X	X		X	X	X	X
2.5.2 Administrative Procedures		X					
2.5.3 Storm Water Management Plan Review		X					
2.5.4 Long-Term Maintenance, Inspections, & Enforcement	X	X		X	X	X	X

- New agreement establishes a Storm Water Coordinating Work Group
 - Formed by municipalities for program oversight & structured communication
 - Meets 2x/yr to monitor required activities & exchange information
 - *Recordkeeping & reporting
 - *Cost accounting & budgeting

What changed?

- New agreement will be implemented by the County using annual storm water activity work planning
- Time tracking will be used to provide basis for:
 - Annual storm water fee adjustments charged to developers
 - * Plan reviews & construction inspection
 - Annual municipal service fee adjustments for technical & administrative services

What Changed?



6.2.a

Draft 4/5/2021

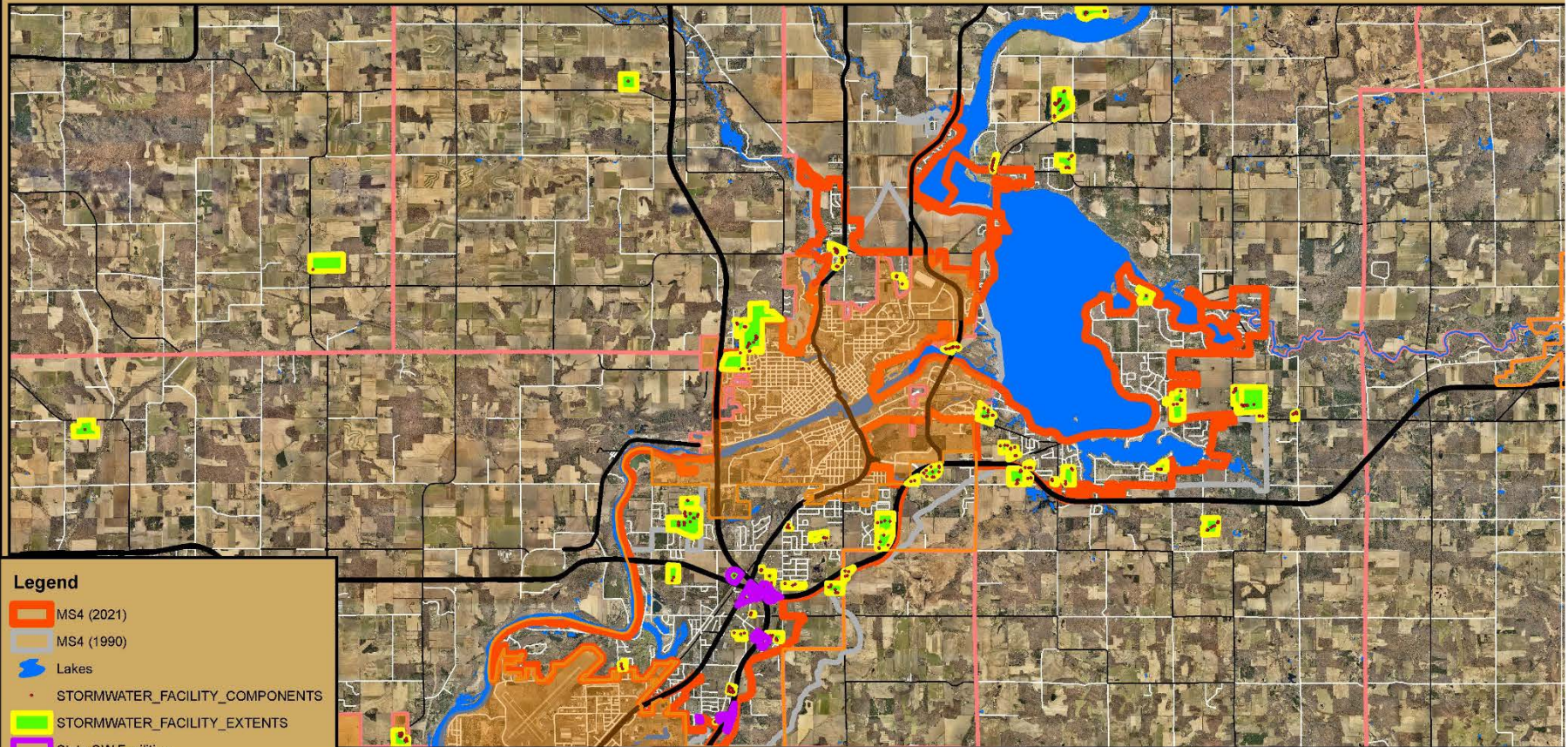
2021 ANNUAL WORK PLAN; CHIPPEWA FALLS URBAN AREA STORM WATER MANAGEMENT PROGRAM

I. PUBLIC EDUCATION AND OUTREACH	January	February	March	April	May	June	July	August	September	October	November	December
Schedule and implement planned outreach and information activities, as outlined in the <u>Chippewa Falls Urban Area Storm Water Management Plan</u> , (2007). Targeted audiences and activities planned in 2021 are highlighted in Table X, 2021, (Attached).	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
Assign/Schedule resources to participate in regional "Rain to Rivers".												
II. PUBLIC PARTICIPATION	January	February	March	April	May	June	July	August	September	October	November	December
Conduct public meetings & hearings, as necessary, to:	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
-Review & evaluate <u>Chippewa Falls Urban Area Storm Water Plan</u> , (2007).												
-Consider plan/policy changes and roles/responsibilities												
-Review, amend, and renew (?) 66.03 Intermunicipal agreement.												
-Change ordinances.												
III. ILLICIT DISCHARGE DETECTION AND ELIMINATION	January	February	March	April	May	June	July	August	September	October	November	December
Inform municipalities of MS4 boundary changes, made by DNR, that reflect most recent changes (Date).	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
Re-inventory ditch line conveyances and associated storm water outfalls subject to WPDES requirements that are located within newly established MS4 boundary.												
Amend and create new sets Pacer/Illlicit Discharge Inspection Maps. Distribute to County and municipal road patrol/maintenance teams.												
Schedule & conduct illicit discharge training.												
Schedule & conduct bi-annual illicit discharge inspections.												
IV. CONSTRUCTION SITE/STORMWATER ORDINANCE	January	February	March	April	May	June	July	August	September	October	November	December
Assign/Schedule resources to amend the <u>Stormwater Management - Construction Site Erosion Control and Post-Construction Ordinance</u> to add provisions to regulate and enforce illicit discharge.	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
V. POLLUTION PREVENTION/WATER QUALITY MODEL	January	February	March	April	May	June	July	August	September	October	November	December
Determine methods to segregate pollutant loading analysis by municipal jurisdiction	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
Conduct GIS analysis to reflect changes in MS4 boundary, storm water system watersheds, and storm water outfalls.												
Assign pollution loads and 20% TSS reduction limits												
VI. STORM SEWER SYSTEM MAP	January	February	March	April	May	June	July	August	September	October	November	December
Schedule & conduct annual storm water facility inspections	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
Update and amend storm water management plan map and GIS databases to reflect changes in MS4 boundary, storm water system watersheds, and storm water outfalls.												
Conduct GIS analysis to segregate separate municipal storm water systems based upon municipal boundaries as watersheds and identify interconnecting municipal conveyances.												
VII. PERMIT REPORTING AND ADMINISTRATION	January	February	March	April	May	June	July	August	September	October	November	December
Review and evaluate <u>Chippewa Falls Urban Area Storm Water Plan</u> , (2007).	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
Consider plan/policy changes and roles/responsibilities.												
Conduct 2021 WPDES benchmark & SWMP reporting												
Review, amend, and renew (?) 66.03 Intermunicipal agreement.												
Apply County budget process to restructure storm water program budget to better account for program revenues and expenses by storm water program element.												

Attachment: Stormwater Agreement Presentation 8-3-2021 (39 - 21 : Resolution to

- Shift in assigned Enforcement Authority for long term maintenance of the storm water facilities
 - Private sector owners are currently responsible to maintain facilities via operation & maintenance agreements
 - County & municipalities will now begin to track inspections & records filed by private sector
 - Municipalities will now begin to enforce operations & maintenance agreements via their own ordinances

Updated MS4, Municipal Boundaries, Stormwater Systems, and Roads



Legend

- MS4 (2021)
- MS4 (1990)
- Lakes
- STORMWATER_FACILITY_COMPONENTS
- STORMWATER_FACILITY_EXTENTS
- State SW Facilities
- CITY
- VILLAGE
- TOWN
- MunicipalRoads
- CountyRoads
- StateRoads



0 1 2 4 6 8 Miles
1 in = 2 miles

Photobase:

Date: 7/7

We would be pleased to address any questions.

LCFM 7/27/21

COOPERATIVE AGREEMENT TO IMPLEMENT A JOINT STORM WATER PROGRAM FOR THE CHIPPEWA FALLS URBAN AREA

This Cooperative Agreement to Implement a Joint Storm Water Program for the Chippewa Falls Urban Area (the “Agreement”) is entered into pursuant to Wis. Stat. § 66.0301 to specify those certain responsibilities of the parties hereto in the implementation of a joint intergovernmental storm water program during the term of this Agreement.

I. PARTIES

This Agreement is between Chippewa County, Wisconsin, a quasi-municipal corporation (the “County”), located at 711 N. Bridge Street, Chippewa Falls, WI 54729 and the Village of Lake Hallie, Wisconsin, a municipal corporation located at 13033 30th Avenue, Chippewa Falls, WI 54729; the Town of Anson, a municipal corporation located at 13836 County Hwy S, South, Jim Falls, WI 54748; the Town of Eagle Point, a municipal corporation located at 14802 State Hwy 124, Chippewa Falls, WI 54729; and the Town of Lafayette, a municipal corporation located at 5765 197th Street, Chippewa Falls, WI 54729 (each a “Municipality” and collectively the “Municipalities”). Each of the County and the Municipalities may also be referred to as a “Party” and collectively as the “Parties.”

II. TERM OF AGREEMENT

This Agreement shall commence upon the signature of all Parties and shall extend through the term of WPDES Permit #S050075-3, a copy of which is attached hereto as Attachment I, which expires on 4/30/24. This Agreement may be terminated by any of the Parties on thirty (30) days written notice to all other Parties, subject only to the payment of any obligations due to the other Parties under this Agreement up to the point of said termination.

This Agreement shall automatically renew to coincide with and extend through the term of any subsequent municipal storm water WPDES permit(s) issued to the Parties, unless cancelled or modified by the Parties under Section XV.

III. PURPOSE OF AGREEMENT

The purpose of this Agreement is to establish and implement a single joint storm water management program which meets the requirements of Wis. Admin. Code Section § NR 216.07. This Agreement will enable the parties to:

- A. Manage storm water runoff and to meet requirements of WPDES Permit #WI- S050075-3.
- B. Implement the Chippewa Falls Urban Area Storm Water Management Plan.

This Agreement establishes the administrative framework necessary to establish a joint storm water program and defines the roles and responsibilities of the cooperating parties. This Agreement will allow the Parties to share resources and work together to avoid redundancy, limit duplication of effort, and achieve public cost savings.

IV. PROGRAM SUMMARY

The activities that will be conducted to implement the joint storm water management program contemplated under this Agreement include all of those which are necessary to meet WPDES permit WI- S050075-3. The elements of the joint storm water program, which are required to comply with the permit, are as follows:

- A. Public Involvement and Participation.
- B. Public Education and Outreach.
- C. Storm Sewer System Map.
- D. Storm Water Quality Management Modeling.
- E. Illicit Discharge and Elimination.
- F. Construction Site Pollution Control and Post Construction Storm Water Management.
- G. Pollution Prevention.

A listing of the permit activities that have been established as permit conditions under Section 2 of the WPDES permit, are listed in Table Attachment II.

The table shows the permit conditions and activities under this agreement that:

- A. Are to be conducted by the County to meet the County's obligation under its MS4 jurisdiction, and those to be conducted on behalf of the municipalities to meet obligations under their respective MS4 jurisdictions.
- B. Are to be conducted by each municipality to meet permit obligations under their respective MS4 jurisdictions.
- C. May be conducted at the discretion of the municipalities, to augment the activities that have been delegated to the County.

V. SCOPE OF SERVICES

- A. The County agrees to perform the following duties:
 - 1. Establish procedures and institute routine opportunities for ongoing public participation, associated with joint storm water management plan and program review, through use of public notices and scheduled program reviews, conducted under the Wisconsin Open Meetings Law.
 - 2. Develop and implement a public education and outreach program for storm water management to comply with Wis. Admin. Code § NR 216.07.
 - 3. Actively participate in meetings and provide financial support to implement and periodically evaluate a public education and outreach program. This program will be conducted in cooperation with other municipalities in the Eau Claire/Chippewa Falls urban area, also subject to WPDES storm water permit requirements, working in collaboration with "Rain to Rivers", a 501(c)3 nonprofit organization and regional storm water education service provider.
 - 4. Actively maintain and routinely update the storm water system map and associated GIS data base. The map will show the location of public and private roads, storm water facilities, storm water conveyances, and storm water outfalls in the designated program area, and will be used to support all joint program efforts.
 - 5. Participate in an illicit discharge program to detect and remove illicit discharges to the County and State road ditch network by conducting annual dry weather inspections of mapped ditch lines draining to designated storm water outfalls.

6. Actively conduct routine annual inspections of major storm water outfalls.
7. Upon certifying storm water facility permit compliance, place the facility on the storm sewer map and file the “as-built” construction plans of all storm water facilities that are permitted under the Chippewa County Stormwater Management - Construction Site Erosion Control and Post- Construction Ordinance and WI Storm Water WPDES system.

Provide a copy of the as-built construction plans directly to the parties with assigned responsibilities for storm water facility maintenance and inspections, and to each Municipality with regulatory jurisdiction, to assure these permitted storm water facilities are routinely inspected and properly maintained in accordance with any required storm water facility operation and maintenance agreements.

Conduct annual quality control inspections and records audits of all storm water facilities, and provide a copy of the associated records to the assigned enforcement authority responsible for assuring compliance with storm water permit requirements and zoning conditional use permit conditions.

8. Maintain a construction site pollution control and storm water management ordinance to be administered in the storm water management program area.
9. Maintain a nonpoint source runoff pollution prevention program in the designated program area, including procedures for routine street sweeping, storm water facility maintenance, application of road salt and deicers, the management of leaves and grass clippings, and storm water pollution planning for municipal garages and storage areas.
10. Actively conduct individual and combined annual reporting for all Municipalities subject to this Agreement, using the prescribed reporting system and procedures established by the WI Dept. of Natural Resources.

Provide to each Municipality an electronic copy of the individual and combined annual reporting, as filed.

11. Assist in the formation of an intermunicipal Storm Water Coordinating Work Group.
12. Appoint one or more County administrative and/or technical representatives to serve on an intermunicipal Storm Water Coordinating Work Group to assure structured communication between the County and Municipalities.
13. Amend the Chippewa County Stormwater Management - Construction Site Erosion Control and Post- Construction Ordinance to clarify the direct responsibilities of the County as they apply to processes to be used to detect, resolve, and enforce illicit discharges.
14. Amend the Chippewa County Stormwater Management - Construction Site Erosion Control and Post- Construction Ordinance, and the standard language and provisions of storm water facility operation and maintenance agreements, to clarify the direct responsibilities of the County as they apply to the administration and enforcement of operation and maintenance agreements.

B. The Village of Lake Hallie, Town of Anson, Town of Eagle Point, and Town of Lafayette agree to the following:

1. Actively participate in and support opportunities for ongoing public participation through use of public notices and scheduled program reviews, conducted under the Wisconsin Open Meetings Law.
2. Actively participate in meetings and provide financial support to implement and periodically evaluate a joint public education and outreach program. This program will be conducted in cooperation with other municipalities in the Eau Claire/Chippewa Falls urban area, also subject to WPDES storm water permit requirements.
3. Routinely compile and provide information regarding the location of new public and private roads, storm water facilities, storm water conveyances, and storm water outfalls in the designated program area, to facilitate the maintenance of a common storm water system map.
4. Actively participate in an illicit discharge program to detect and remove illicit discharges to the town and village road ditch network, by conducting annual dry weather inspections of mapped ditch lines draining to designated storm water outfalls.
5. Financially support the routine inspections of major storm water outfalls.
6. Financially support the routine inspection of designated storm water facilities, to document their condition and functional efficiency.
7. To assure consistency, participate in any future processes to amend the County Stormwater Management - Construction Site Erosion Control and Post- Construction Ordinance in the storm water management program area.
8. Develop and implement a nonpoint source runoff pollution prevention program in the designated program area, including procedures for routine street sweeping, storm water facility maintenance, application of road salt and deicers, the management of leaves and grass clippings, and storm water pollution planning for municipal garages or storage areas.
9. Authorize the County to conduct individual reporting on behalf of each municipality subject to this agreement, under a combined annual reporting approach using the prescribed reporting system and procedures established by the WI Dept. of Natural Resources.
10. On or before January 31 of each calendar year, provide to the County on forms provided by the County, the information and data required to conduct the reporting identified under Section V.B.9, for each designated stormwater program element.
11. Appoint a lead Municipality to form an intermunicipal Storm Water Coordinating Work Group, which shall meet during February and May of each calendar year to monitor the terms of this Agreement.
12. Appoint a municipal representative from each Municipality to serve on the Storm Water Coordinating Work Group to assure structured communication among the parties to this agreement.

13. Assume municipal responsibility to detect and remove illicit connections and discharges to each individual municipality's respective MS4 jurisdiction, under WPDES Permit, Section 2.3.

Develop and implement an illicit discharge detection and elimination ordinance that meets the requirements of WPDES Permit Section, 2.3.1.

14. Assume municipal responsibility to administer and enforce storm water facility operation and maintenance agreements, under WPDES Permit, Section 2.5.

Develop a Post-Construction Storm Water Management Ordinance that meets the requirements of WPDES Permit, Section 2.5.1, to augment and to be administered in conjunction with the Chippewa County Stormwater Management - Construction Site Erosion Control and Post- Construction Ordinance, to facilitate direct municipal enforcement of storm water facility tracking and maintenance requirements under WPDES Permit, Section 2.5.2 and 2.5.4.

VI. PROGRAM FINANCING AND DISTRIBUTION OF COSTS

The Parties have evaluated the costs of implementing a joint storm water management program, and have determined how these costs will be distributed under a management approach described in the Chippewa Falls Urban Area Storm Water Management Plan.

Under the proposed management approach, the direct and indirect costs of meeting program requirements will be distributed between the public and private sectors.

A. Private Sector Costs

The Parties agree that the direct costs of planning and installing storm water best management practices will be incurred solely by the private sector, unless other arrangements are made between the developer and the municipality in which the development occurs. Under this management scenario, all storm water related permitting, engineering, and construction costs will be recognized as business expenses and will be incurred by the developer. It is assumed that the developer will add these business expenses to other development costs and attempt to recoup these costs through the market-driven real estate process.

Custodial responsibility for storm water facilities constructed by the developer will be assigned to the developer unless the responsible Municipality agrees to accept management responsibility. Under this arrangement, the costs of maintaining privately-owned storm water facilities will ultimately be transferred by deed title to the end-owners of the parcels that are served by the storm water facilities.

B. Public Sector Costs

The Parties agree that the public costs of implementing this joint storm water program will be defined as either capital expenses or operational expenses.

Capital expenses will include those associated with planning and installing publicly owned storm water infrastructure, including the costs of land acquisition, engineering, and site improvements. Capital expenses will be incurred solely by the Municipality that intends to acquire the land or develop storm water facilities to control storm water within its boundaries.

Operational expenses will include the costs of activities, which are conducted to implement the joint storm water program and comply with WPDES Permit number #WI-S050075-3.

In assuming these new operational costs, the County will seek to limit property tax impacts by establishing service fees that will be charged directly to permit applicants subject to requirements of the Chippewa County Stormwater Management - Construction Site Erosion Control and Post- Construction Ordinance. Service fees will be charged by the County to offset the full public costs of storm water ordinance administration, plan review, and the County's storm water construction inspection.

The remaining operational expenses will be distributed between the Parties based upon the program duties and responsibilities, as defined in "Section V – Scope of Services" of this Agreement.

The costs of WPDES permit administration, maintaining the storm water system map, and implementing the public education and community outreach components of the storm water program will be distributed between the County and the Municipalities. The Municipalities' share of their program costs will be distributed proportionately on a per capita basis.

The public costs of implementing an illicit discharge detection and elimination ordinance and a joint storm water facility inspection program will be assumed fully by each of the Municipalities.. Annual payments will be made to the County by each Municipality for annual inspections of storm water facilities and storm water outfalls, based upon the location of inspections and the number of inspections conducted. The County will bill each Municipality on an annual basis.

Using these assumptions, the proposed distribution of annual program operation costs for 2022 can be estimated as follows:

**Estimated Annual Operating Expenses of
Core WPDES Program Elements, Excluding Construction Site Erosion Control
and Storm Water Ordinance Expenses**

<u>Municipality</u>	<u>Proportion of Program Costs</u>	<u>Operating Expenses</u>	-
Village of Lake Hallie	38%	\$ 6,935	
Town of Anson	12%	\$ 2,190	
Town of Lafayette	33%	\$ 6,023	
Town of Eagle Point	<u>17%</u>	<u>\$ 3,102</u>	
	100%	\$18,250	
Chippewa County		\$ 7,750	

To further refine this initial budget, the County shall develop and implement an ongoing time and expense tracking system to record the expenses incurred by the County under each WPDES permit and program element defined in Section IV.

This information will be used to develop an annual County joint storm water program budget, and to determine and adjust annual municipal service fees, and storm water plan review and construction inspections fees. These fees will be established to as closely as possible to equal the County's anticipated expenses and service costs under the annual program financing and management approach, described in this Section IV.

VII. LIAISONS

For Chippewa County: County Conservationist, Chippewa County

For the Village of Lake Hallie: Village President

Town of Anson: Chair

For the Town of Eagle Point: Chair

For the Town of Lafayette: Chair

VIII. NOTICES

Notices required or deemed advisable under this Agreement shall be placed in writing and delivered personally or by registered or certified mail to the municipal clerks of each Municipality that is a Party to this Agreement.

IX. INSURANCE

Each Party to this Agreement shall maintain its own liability insurance sufficient to insure against the risks arising from each Party's responsibilities under this Agreement.

X. MUTUAL INDEMNIFICATION.

The Parties agree fully to indemnify and hold one another harmless from and against all claims, actions, judgments, costs, and expenses, arising out of damages or injuries to third persons or their property, caused by the fault or negligence of the said Party, its agents, or employees, in the performance of this Agreement. The Parties shall give to each other prompt and reasonable notice of any such claims or actions and the other Party shall have the right to investigate, compromise, and defend the same.

XI. WAIVER OF BREACHES

No waiver of any breaches of this Agreement shall be held to be a waiver of any other or any subsequent breaches. All remedies afforded in this Agreement shall be considered to be cumulative and in addition to any other remedies provided by law.

XII. APPLICABLE LAW

This Agreement shall be governed by the State of Wisconsin. Venue for any dispute hereunder shall be in Chippewa County Circuit Court.

XIII. SECTION HEADINGS

The headings of the several sections, and any table of contents appended hereto, shall be solely for convenience of reference and shall not affect the meaning, construction or effect hereof.

XIV. NON-ASSIGNMENT OF AGREEMENT

The Parties agree that there shall be no assignment or transfer of this Agreement, nor of any interests, rights or responsibilities herein contained, except as agreed to in writing.

XV. MODIFICATIONS TO AGREEMENT

There shall be no modifications to this Agreement, except in writing, signed by all Parties.

XVI. INTEGRATION OF AGREEMENT

The entire agreement of the Parties is contained herein, and this Agreement supersedes all previous agreements, whether written or oral and all negotiations as well as any previous agreements presently in effect between the Parties relating to the subject matter.

All Parties hereto having read and understood the entirety of this Agreement consisting of eight (8) typewritten pages hereby affix their duly authorized signatures.

CHIPPEWA COUNTY BY:

Dean Gullickson, Chair
County Board of Supervisors

(Date)

Randy Scholz
Chippewa County Administrator

(Date)

VILLAGE OF LAKE HALLIE BY:

Gary Spilde
Village President

(Date)

TOWN OF ANSON BY:

Gary Lazarz, Chairman
Town of Anson

(Date)

TOWN OF EAGLE POINT BY:

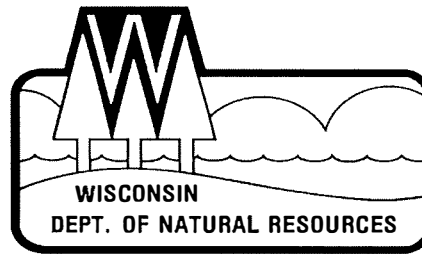
Dennis Ferstenou, Chairman
Town of Eagle Point

(Date)

TOWN OF LAFAYETTE BY:

David Staber, Chairman
Town of Lafayette

(Date)



STATE OF WISCONSIN
DEPARTMENT OF NATURAL RESOURCES

GENERAL PERMIT TO DISCHARGE UNDER THE WISCONSIN
POLLUTANT DISCHARGE ELIMINATION SYSTEM
WPDES PERMIT NO. WI-S050075-3

In compliance with the provisions of ch. 283 Wis. Stats., and chs. NR 151 and 216, Wis. Adm. Code, owners and operators of municipal separate storm sewer systems are permitted to discharge storm water from all portions of the

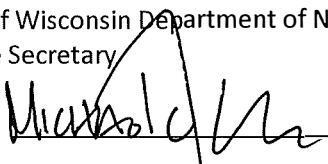
MUNICIPAL SEPARATE STORM SEWER SYSTEM

owned or operated by the municipality to waters of the state in accordance with the conditions set forth in this permit.

With written authorization by the Department, this permit will be used to cover a municipal separate storm sewer system initially covered under a previous version of a municipal separate storm sewer system general permit. The **Start Date** of coverage under this permit is the date of the Department letter sent to the municipality authorizing coverage under this permit. The Department is required to charge an annual permit fee to owners and operators authorized to discharge under this permit in accordance with s. 283.33(9), Wis. Stats., and s. NR 216.08, Wis. Adm. Code.

State of Wisconsin Department of Natural Resources
For the Secretary

By


Michael C. Thompson, Director
Bureau of Watershed Management
External Services Division

5/1/19

Date Permit Signed

PERMIT EFFECTIVE DATE: May 1, 2019

EXPIRATION DATE: April 30, 2024

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1. APPLICABILITY CRITERIA

1.1 Permitted Area

This permit covers all areas under the ownership, control or jurisdiction of the permittee that contribute to discharges from a municipal separate storm sewer system (MS4) that receives runoff from any of the following:

1.1.1 An urbanized area, adjacent developing areas and areas whose runoff is connected or will connect to a municipal separate storm sewer regulated under subch. I of NR 216, Wis. Adm. Code; or

1.1.2 An area associated with a municipal population of 10,000 or more and a population density of 1,000 or more per square mile, adjacent developing areas and areas whose runoff is connected or will connect to an MS4 regulated under subch. I of NR 216, Wis. Adm. Code; or

1.1.3 An area that drains to an MS4 that is designated for permit coverage pursuant to s. NR 216.02(2) or 216.025, Wis. Adm. Code.

1.2 Authorized Discharges

This permit authorizes storm water point source discharges from the MS4 to waters of the state in the permitted area. This permit also authorizes the discharge of storm water co-mingled with flows contributed by process wastewater, non-process wastewater, and storm water associated with industrial activity, provided the discharges are regulated by other WPDES permits or are discharges which are not considered illicit discharges pursuant to section 2.3.1 of this permit.

1.3 Water Quality Standards

1.3.1 This permit specifies the conditions under which storm water may be discharged to waters of the state for the purpose of achieving water quality standards contained in chs. NR 102 through 105, NR 140, and NR 207, Wis. Adm. Code. For the term of this permit, compliance with water quality standards will be addressed by adherence to the requirements in this permit.

1.3.2 This permit does not authorize discharges that the Department determines will cause or have reasonable potential to cause or contribute to an excursion above any applicable water quality standards. Where such determinations have been made, the Department may notify the municipality that an individual permit is necessary. However, the Department may authorize coverage under this permit where the storm water management programs required under this permit will include appropriate controls and implementation procedures designed to bring the storm water discharge into compliance with water quality standards.

1.4 Outstanding and Exceptional Resource Waters

1.4.1 The permittee shall determine whether any part of its MS4 discharges to an outstanding resource water (ORW) or exceptional resource water (ERW). ORWs and ERWs are listed in ss. NR 102.10 and 102.11, Wis. Adm. Code.

Note: An unofficial list of ORWs and ERWs may be found on the Department's Internet site at: <https://dnr.wi.gov/topic/SurfaceWater/orwerw.html>

1.4.2 The permittee may not establish a new MS4 discharge of a pollutant to an ORW or an ERW unless the storm water management programs required under this permit are designed to ensure that any new MS4 discharge of a pollutant to an ORW or ERW will not exceed background concentration levels within the ORW or ERW.

1.4.3 If the permittee has an existing MS4 discharge to an ORW, it may increase the discharge of pollutants, either at the existing point of discharge or a new location, provided all of the following are met:

- a. The pollutant concentration within the receiving water and under the influence of the existing discharge would not increase as compared to the level that existed prior to coverage under this permit.
- b. The increased discharge would not result in a violation of water quality standards.

1.4.4 If the permittee has an existing MS4 discharge to an ERW, it may increase the discharge of pollutants if the increased discharge would not result in a violation of water quality standards.

1.5 Impaired Waterbodies and Total Maximum Daily Load Requirements

1.5.1 By March 31 of each odd-numbered year, the permittee shall determine whether any part of its MS4 discharges to an impaired waterbody listed in accordance with section 303(d)(1) of the federal Clean Water Act, 33 USC § 1313(d)(1)(C), and the implementing regulation of the US Environmental Protection Agency, 40 CFR § 130.7(c)(1). For a permittee that determines that any part of its MS4 does discharge to a listed impaired waterbody but for which there is no United States Environmental Protection Agency (USEPA) approved Total Maximum Daily Load (TMDL) for the pollutant of concern, the permittee shall include a written section in its storm water management program that discusses the management practices and control measures it will implement as part of its program to reduce, with the goal of eliminating, the discharge of pollutants of concern that contribute to the impairment of the waterbody. This section of the permittee's program shall specifically identify control measures and practices that will collectively be used to try to eliminate the MS4's discharge of pollutants of concern that contribute to the impairment of the waterbody and explain why these control measures and practices were chosen as opposed to other alternatives.

Note: Every two years, the Department updates and publishes a list of waters considered impaired under the Clean Water Act. The list is updated in even-numbered years. A list of Wisconsin impaired waterbodies may be found on the Department's Internet site at: <http://dnr.wi.gov/topic/impairedwaters/>

1.5.2 For a permittee with an MS4 discharge of a pollutant of concern to a waterbody subject to an USEPA approved TMDL under which the permittee is assigned a Wasteload Allocation (WLA), the permittee shall meet the following requirements, in addition to the minimum control measures described within Section 2 of the permit:

- a. Appendix A provides the permit conditions for permittees subject to the Rock River Basin TMDL, Lower Fox River Basin and Lower Green Bay TMDL, Lake St. Croix Nutrient

TMDL, Red Cedar River (Tainter Lake, Menomin Lake) TMDL, or Beaver Dam Lake TMDL. For a permittee subject to any of these TMDLs, the permittee shall comply with the provisions in Appendix A: MS4 Permittees Subject to a TMDL Approved Prior to May 1, 2014 including Applicable Updates.

b. Appendix B provides the permit conditions for permittees subject to the Milwaukee River Basin TMDL. For a permittee subject to this TMDL, the permittee shall comply with the provisions in Appendix B: MS4 Permittees Subject to Milwaukee River Basin TMDL.

c. Appendix C provides the permit conditions for permittees subject to the Wisconsin River Basin TMDL or any other TMDL approved on or after May 1, 2019. For a permittee subject to any of these TMDLs, the permittee shall comply with the provisions in Appendix C: MS4 Permittees Subject to the Wisconsin River Basin TMDL or a TMDL Approved After May 1, 2019.

Note: The reports for Department and USEPA approved TMDLs are available from the Department's Internet site at: <https://dnr.wi.gov/topic/TMDLs/tmdlreports.html>

1.5.3 After the effective date of this permit, the permittee may not establish a new MS4 discharge of a pollutant of concern to an impaired waterbody or increase the discharge of a pollutant of concern to an impaired waterbody unless the new or increased discharge causes the receiving water to meet applicable water quality standards, or the USEPA has approved a TMDL for the impaired waterbody.

1.6 Wetlands

The permittee's MS4 discharge shall comply with the applicable wetland water quality standards provisions in ch. NR 103, Wis. Adm. Code.

1.7 Endangered and Threatened Resources

The permittee's MS4 discharge shall comply with the endangered and threatened resource protection requirements of s. 29.604, Wis. Stats., and ch. NR 27, Wis. Adm. Code.

1.8 Historic Property

The permittee's MS4 discharge may not affect any historic property that is listed property, or on the inventory or on the list of locally designated historic places under s. 44.45, Wis. Stats., unless the Department determines that the MS4 discharge will not have an adverse effect on any historic property pursuant to s. 44.40(3), Wis. Stats.

1.9 General Storm Water Discharge Limitations

In accordance with s. NR 102.04, Wis. Adm. Code, practices attributable to municipal, industrial, commercial, domestic, agricultural, land development or other activities shall be controlled so that all surface waters including the mixing zone meet the following conditions at all times and under all flow and water level conditions:

1.9.1 Substances that will cause objectionable deposits on the shore or in the bed of a body of water, shall not be present in such amounts as to interfere with public rights in waters of the state.

1.9.2 Floating or submerged debris, oil, scum or other material shall not be present in such amounts as to interfere with public rights in waters of the state.

1.9.3 Materials producing color, odor, taste or unsightliness shall not be present in such amounts as to interfere with public rights in waters of the state.

1.9.4 Substances in concentrations or combinations which are toxic or harmful to humans shall not be present in amounts found to be of public health significance, nor shall substances be present in amounts which are acutely harmful to animal, plant or aquatic life.

1.10 Obtaining Permit Coverage

1.10.1 The owner or operator of an MS4 covered under a previous version of an MS4 permit before the effective date of this permit shall be covered by this permit pursuant to written authorization by the Department.

Note: The Department will notify in writing the owner or operator of an MS4 covered under a previous version of an MS4 permit that this permit has been reissued and that the MS4 is covered under it. However, the City of Madison and the City of Milwaukee are not eligible for coverage under this permit.

1.10.2 Coverage under this permit does not become effective until the Department sends the owner or operator a letter expressly authorizing coverage under this permit.

1.11 Transfers

Coverage under this permit is not transferable to another municipality without the express written approval of the Department. If the permittee's MS4 is annexed into another municipality, the permittee shall immediately notify the Department by letter of the change. If the permittee ceases to own or operate any MS4 regulated under this permit, the Department may terminate its coverage under this permit.

1.12 Exclusions

The following are excluded from coverage and are not authorized under this permit:

1.12.1 Combined Sewer and Sanitary Sewer Systems

Discharges of water from a sanitary sewer or a combined sewer system conveying both sanitary and storm water. These discharges are regulated under s. 283.31, Wis. Stats, and require an individual permit.

1.12.2 Agricultural Facilities and Practices

Discharges from agricultural facilities and agricultural practices. "Agricultural facility" means a structure associated with an agricultural practice. "Agricultural practice" means beekeeping; commercial feedlots; dairying; egg production; floriculture; fish or fur farming; grazing; livestock raising; orchards; poultry raising; raising of grain, grass, mint and seed crops; raising of fruits, nuts and berries; sod farming; placing land in federal programs in return for payments in kind; owning land, at least 35 acres of which is enrolled in the conservation reserve program under 16 USC § 3831 to 3836; and vegetable raising.

1.12.3 Other Excluded Discharges

Storm water discharges from industrial operations or land disturbing construction activities that require separate coverage under a WPDES permit pursuant to subchs. II or III of ch. NR 216, Wis. Adm. Code. For example, while storm water from industrial or construction activity may discharge to an MS4, this permit does not satisfy the need to obtain any other permits for those discharges. This exclusion does not apply to the permittee's responsibility to regulate construction sites within its jurisdiction in accordance with sections 2.4 and 2.5 of this permit.

1.12.4 Indian Country

Storm water discharges within Indian Country. The federal Clean Water Act requires owners and operators of storm water discharges within Indian Country in Wisconsin to obtain permit coverage directly from the USEPA.

1.12.5 Non-MS4 Discharge

Storm water discharges that do not enter an MS4.

1.13 Compliance with Permit Requirements

Compliance with the requirements contained in this permit including the applicable appendices shall not be contingent upon receiving financial assistance from the Department or any other public or private grant or loan program.

2. PERMIT CONDITIONS

This permit establishes the following measurable goals, with a compliance schedule in section 3, for the permittee to maintain compliance with the minimum control measures for their storm water management program described under sections 2.1 through 2.6. The following permit conditions apply to the permittee, unless the Department issues a written determination that a condition is not appropriate under the circumstances. The permittee shall have a written storm water management program that describes in detail how the permittee intends to comply with the permit requirements for each minimum control measure. The permittee shall begin implementing any updates to its storm water management programs no later than March 31, 2021.

2.1 Public Education and Outreach

The permittee shall maintain its public education and outreach program to increase the awareness of storm water pollution impacts on waters of the state and to encourage changes in public behavior to reduce such impacts. The permittee shall implement the following measurable goals:

2.1.1 Topics. The permittee shall address all eight topics in Table 1 at least once during the permit term. Permittees that are a County shall address a minimum of six topics each year. Permittees that are a City, Village, Town, or University with a population of 5,000 or more based on the latest U.S. Census shall address a minimum of six topics each year. Permittees that are a City, Village, Town, or University with a population less than 5,000 based on the latest U.S. Census shall address a minimum of four topics each year. Topics may be repeated as necessary. Permittees shall select from the topic areas in Table 1.

Note: Universities should average its enrolled student population plus employee population over a recent ten-year period to determine which requirement it should follow for permit compliance. Universities are also expected to undertake public education efforts that reach the entire student body and staff.

Table 1: Public Education and Outreach Topic Areas and Descriptions

#	Topic Area	Description
1	Illicit Discharge Detection and Elimination	Promote detection and elimination of illicit discharges and water quality impacts associated with such discharges from municipal separate storm sewer systems.
2	Household Hazardous Waste Disposal/Pet Waste Management/Vehicle Washing	Inform and educate the public about the proper management of materials that may cause storm water pollution from sources including automobiles, pet waste, household hazardous waste and household practices.
3	Yard Waste Management/Pesticide and Fertilizer Application	Promote beneficial onsite reuse of leaves and grass clippings and proper use of lawn and garden fertilizers and pesticides.
4	Stream and Shoreline Management	Promote the management of streambanks and shorelines by riparian landowners to minimize erosion and restore and enhance the ecological value of waterways.

5	Residential Infiltration	Promote infiltration of residential storm water runoff from rooftop downspouts, driveways and sidewalks.
6	Construction Sites and Post-Construction Storm Water Management	Inform and educate those responsible for the design, installation, and maintenance of construction site erosion control practices and storm water management facilities on how to design, install and maintain the practices.
7	Pollution Prevention	Identify businesses and activities that may pose a storm water contamination concern, and educate those specific audiences on methods of storm water pollution prevention.
8	Green Infrastructure/Low Impact Development	Promote environmentally sensitive land development designs by developers and designers, including green infrastructure and low impact development.

Note: Additional information on green infrastructure and low impact development may be found on the USEPA's Internet site at: <https://www.epa.gov/green-infrastructure>

2.1.2 Delivery mechanism. The permittee shall use at least four public education delivery mechanisms each year. Permittees that are a City, Village, Town, or University with a population of 5,000 or more based on the latest U.S. census shall use at least two from the Active/Interactive Mechanisms column in Table 2 each year. Permittees that are a City, Village, Town, or University with a population less than 5,000 based on the latest U.S. census shall use at least one from the Active/Interactive Mechanisms column in Table 2 each year. Permittees that are a County shall use at least one from the Active/Interactive Mechanisms column in Table 2 each year."

Note: Universities should average its enrolled student population plus employee population over a recent ten-year period to determine which requirement it should follow for permit compliance. Universities are also expected to undertake public education efforts that reach the entire student body and staff.

Table 2: Public Education and Outreach Delivery Mechanisms (Active and Passive)

Active/Interactive Mechanisms	Passive Mechanisms
• Educational activities (school presentations, summer camps) • Informational booth at event • Targeted group training (contractors, consultants, etc.) • Government event (public hearing, council meeting) • Workshops • Tours • Other	• Passive print media (brochures at front desk, posters, etc.) • Distribution of print media (mailings, newsletters, etc.) via mail or email • Media offerings (radio and TV ads, press release, etc.) • Social media posts • Signage • Website • Other

2.1.3 Target audience. The permittee shall identify the target audience for each public education and outreach topic. Target audiences may include the general public, public employees, residents, businesses, contractors, developers, industries, and/or other appropriate audiences.

2.2 Public Involvement and Participation

The permittee shall maintain its public involvement and participation program, in compliance with applicable state and local public notice requirements, to notify the public of activities required by this permit and to encourage input and participation from the public regarding these activities. The permittee shall implement the following measurable goals:

2.2.1 Permit activities. The permittee shall provide a minimum of one opportunity annually for the public to provide input on each of the following permit activities: annual report, storm water management program, and if applicable, the adoption or amendment of storm water related ordinances.

2.2.2 Delivery mechanism. The permittee shall identify the public involvement and participation delivery mechanism for each permit activity in section 2.2.1. Delivery mechanisms may include public workshop, presentation of storm water information, government event (public hearing, council meeting, etc.), citizen committee meeting, or website.

2.2.3 Volunteer activities. The permittee shall implement at a minimum one of the following volunteer activities per year: group best management practice (BMP) installation or maintenance, storm drain stenciling, planting community rain garden, clean up event, stream monitoring, citizen committee meeting, public workshop, presentation of storm water information, or other hands-on event.

2.2.4 Target participants. The permittee shall identify the targeted participants for each permit activity and volunteer activity. Participants may include general public, public employees, residents, businesses, contractors, developers, industries, and/or other appropriate audience.

2.3 Illicit Discharge Detection and Elimination (IDDE)

The permittee shall continue to implement and enforce its program to detect and remove illicit connections and discharges to the MS4. The permittee shall implement the following measurable goals:

2.3.1 IDDE ordinance. An ordinance or other regulatory mechanism to prevent and eliminate illicit discharges and connections to the MS4. At a minimum, the ordinance or other regulatory mechanism shall:

- a. Prohibit illicit discharges and the discharge, spilling or dumping of non-storm water substances or materials into waters of the state or the MS4.
- b. Identify non-storm water discharges or flows that are not considered illicit discharges. Categories of non-storm water discharges that are not considered illicit discharges include water line flushing, landscape irrigation, diverted stream flows, uncontaminated groundwater infiltration, uncontaminated pumped groundwater, discharges from potable water sources, foundation drains, air conditioning condensation, irrigation water, lawn watering, individual residential car washing, flows from riparian habitats

and wetlands, fire-fighting and discharges authorized under a WPDES permit. However, the occurrence of a discharge listed above may be considered an illicit discharge on a case-by-case basis if the permittee or the Department identifies it as a significant source of a pollutant to waters of the state.

c. Establish inspection and enforcement authority.

Note: Chapter NR 815, Wis. Adm. Code, regulates injection wells including storm water injection wells. Construction or use of a well to dispose of storm water directly into groundwater is prohibited under s. NR 815.11(5), Wis. Adm. Code.

2.3.2 IDDE field screening. On-going dry weather field screening shall be conducted at 100% of the total major outfalls at least once during the term of the permit. Additionally, the permittee shall select minor outfalls for annual on-going dry weather field screening during the term of the permit. The permittee shall develop a prioritization procedure to assist with selecting minor outfalls and consideration shall be given to hydrological conditions, total drainage area of the site, population density of the site, traffic density, age of the structures or buildings in the area, history of the area and land use types when selecting outfalls for annual field screening. At a minimum, field screening shall be documented and include:

a. Visual Observation - A narrative description of visual observations including color, odor, turbidity, oil sheen or surface scum, flow rate and any other relevant observations regarding the potential presence of non-storm water discharges or illicit dumping.

b. Field Analysis - If flow is observed, a field analysis shall be conducted to determine the presence of illicit non-storm water discharges or illicit dumping. The field analysis shall include sampling for pH, total chlorine, total copper, total phenol and detergents, unless the permittee elects instead to use detergent, ammonia, potassium and fluoride as the indicator parameters. Other alternative indicator parameters may be authorized by the Department in writing.

(1) Field screening points shall, where possible, be located downstream of any source of suspected illicit activity.

(2) Field screening points shall be located where practicable at the farthest manhole or other accessible location downstream in the system. Safety of personnel and accessibility of the location shall be considered in making this determination.

Note: The Department's MS4 Illicit Discharge Detection and Elimination guidance document includes several recommendations regarding selection of outfalls for field screening, screening frequency, indicator parameter selection, indicator parameter action levels and documentation. The Illicit Discharge Detection and Elimination guidance is available on the Department's Internet site at: <https://dnr.wi.gov/topic/stormwater/municipal/overview.html>

2.3.3 IDDE source investigation and elimination. Written procedures for responding to known or suspected illicit discharges, including an assessment of risks and the establishment to response times. At a minimum, procedures shall be established for:

a. Investigating portions of the MS4 that, based on the results of field screening or other information, indicate a reasonable potential for containing illicit discharges or other sources of non-storm water discharges.

b. Responding to spills that discharge into and/or from the MS4 including tracking and locating the source of the spill if unknown.

c. Preventing and containing spills that may discharge into or are already within the MS4.

d. Promoting, publicizing, and facilitating public reporting of illicit discharges or water quality impacts associated with discharges into or from MS4s through a central contact point, including a form, website, email address, and/or telephone number for complaints and spill reporting, and publicize to both internal permittee staff and the public.

e. Notifying the Department immediately in accordance with ch. NR 706, Wis. Adm. Code, in the event that the permittee identifies a spill or release of a hazardous substance, which has resulted or may result in the discharge of pollutants into waters of the state. The Department shall be notified via the 24-hour toll free spill hotline at 1-800-943-0003. The permittee shall cooperate with the Department in efforts to investigate and prevent such discharges from polluting waters of the state.

f. Detecting and eliminating cross-connections and leakage from sanitary conveyance systems into the MS4.

g. Providing the Department with advanced notice of the time and location of dye testing within an MS4. Department notification prior to dye testing is required due to the likelihood that dye observed in waterways will be reported to the Department as an illicit discharge or spill.

h. Documentation of the following information:

(1) Dates and locations of IDDE screenings conducted in accordance with section 2.3.2.

(2) Reports of alleged illicit discharges received, including dates of the reports, and any follow-up actions taken by the permittee.

(3) Dates of discovery of all illicit discharges.

(4) Identification of outfalls, or other areas, where illicit discharge have been discovered.

(5) Sources (including a description and the responsible party) of illicit discharges (if known).

(6) Actions taken by the permittee, including dates, to address discovered illicit discharges.

2.3.4 The permittee shall take appropriate action to remove known illicit discharges from its MS4 system discovered under section 2.3 as soon as possible. If it will take more than 30 days to remove an illicit connection or if the potential illicit discharge is from a facility with WPDES permit coverage, the Department shall be contacted to discuss an appropriate action and/or timeframe for removal. Notwithstanding this 30-day timeframe and notification of the Department, the permittee shall be responsible for any known illicit connections to its MS4 system that are a significant risk to human health and the environment.

2.3.5 In the case of interconnected MS4s, the permittee shall notify the appropriate municipality within one working day of either of the following:

- a. An illicit discharge that originates from the permittee's permitted area that discharges directly to a municipal separate storm sewer or property under the jurisdiction of another municipality.
- b. An illicit discharge that has been tracked upstream to the interconnection point with or outfall from another municipality.

2.3.6 The name, title and phone number of the individuals responsible for responding to reports of illicit discharges and spills shall be included in the illicit discharge response procedure.

2.4 Construction Site Pollutant Control

The permittee shall continue to implement and enforce its program to reduce the discharge of sediment and construction materials from construction sites. The permittee shall implement the following measurable goals:

2.4.1 Construction site ordinance. An ordinance or other regulatory mechanism to require erosion and sediment control at construction sites and establish sanctions to ensure compliance. At a minimum, the ordinance or other regulatory mechanism shall establish or include:

- a. Applicability and jurisdiction, pursuant to the authority provided to the permittee under Wisconsin statutes, the ordinance shall apply to all construction sites with one acre or more of land disturbance, and to sites of less than one acre if they are part of a larger common plan of development or sale.
- b. Requirements for design and implementation of erosion and sediment control practices consistent with the criteria of those approved by the Department.

Note: Department approved erosion and sediment control technical standards may be found on the Department's Internet site at:

https://dnr.wi.gov/topic/stormwater/standards/const_standards.html

c. Construction site performance standards equivalent to those in ss. NR 151.11(6m), (7), and (8), and 151.23(4m), (5), and (6), Wis. Adm. Code, to achieve the following measurable goals:

(1) BMPs for construction sites that, by design, discharge no more than 5 tons per acre per year, or to the maximum extent practicable, of the sediment load carried in runoff from initial grading to final stabilization.

(2) BMPs for transportation facilities that, by design, discharge no more than 5 tons per acre per year, or to the maximum extent practicable, of the sediment load carried in runoff from initial grading to final stabilization.

Note: The requirements for erosion and sediment control practices, sediment performance standards, and preventive measures for non-transportation facilities can be found in s. NR 151.11(6m), Wis. Adm. Code, and for transportation facilities can be found in NR. 151.23(4m), Wis. Adm. Code.

d. Erosion and sediment control plan requirements for landowners of construction sites equivalent to those contained in s. NR 216.46, Wis. Adm. Code.

e. Inspection and enforcement authority.

f. Requirements for construction site operators to manage waste such as discarded building materials, concrete truck washout, chemicals, litter and sanitary waste at the construction site to reduce adverse impacts to waters of the state.

Note: In accordance with section 2.10, when a town demonstrates to the Department that an adequate county ordinance that meets the requirements of this permit is administered and enforced within its town, then the town may be excused from having to adopt its own ordinance. Model ordinances for construction site erosion and sediment control can be found in ch. NR 152, Wis. Adm. Code: https://docs.legis.wisconsin.gov/code/admin_code/nr/100/152

2.4.2 Erosion and sediment control plan review. Written procedures for construction site plan review which incorporate consideration of potential water quality impacts. Preconstruction erosion control plan reviews shall be conducted for all construction sites with greater than one acre of land disturbance.

2.4.3 Administrative procedures. Written procedures for the administration of the construction site pollutant control program including the process for obtaining local approval, managing and responding to complaints, tracking regulated construction sites, and construction site plan receipt and consideration of information submitted by the public.

2.4.4 Construction site inspections and enforcement. Written procedures for construction site inspection and enforcement of erosion and sediment control measures. By April 1, 2020, at a minimum, the procedures shall establish:

a. Municipal departments or staff responsible for construction site inspections and enforcement.

Note: The Department recommends that municipal construction site inspectors obtain certification as a Soil Erosion Inspector pursuant to s. SPS 305.63, Wis. Adm. Code, for more information:

<https://dsps.wi.gov/Pages/Professions/SoilErosionInspector/Default.aspx>

b. Construction site inspection frequency. The permittee shall inspect all construction sites, at a minimum, in accordance with the frequency specified in Table 3 below.

Table 3: Construction Site Inspection Frequency

Site	Inspection Frequency
(1) All sites one acre or more in size	• New projects shall be inspected within the first two weeks of commencement of land disturbing activity • All active sites shall be inspected at least once every 45 days • All inactive sites shall be inspected at least once every 60 days
(2) Follow up inspection	• Follow up inspections are required within 7 days of any sediment discharge or inadequate control measure, unless corrections were made and observed by the inspector during initial inspection or corrections were verified via photographs submitted to the inspector
(3) Final inspection	• Confirm that all graded areas have reached final stabilization and that all temporary control measures are removed, and permanent storm water management BMPs are installed as designed

c. Construction site inspection documentation. Compliance with the inspection requirements in 2.4.4.a. and b. above, shall be determined by proper documentation and maintenance of records of an established inspection program designed to inspect all sites.

Note: The Department's Construction Site Inspection Report (Form 3400-187) may be used to document inspections. The form can be found on the Department's Internet site at: <https://dnr.wi.gov/topic/Stormwater/construction/forms.html>

d. Enforcement mechanisms that will be used to obtain compliance.

2.5 Post-Construction Storm Water Management

The permittee shall continue to implement and enforce its program to require control of the quality of discharges from areas of new development, infill, and redevelopment, after construction is completed. The permittee shall implement the following measurable goals:

2.5.1 Post-construction storm water ordinance. An ordinance or other regulatory mechanism to regulate post-construction storm water discharges from new development and redevelopment. At a minimum, the ordinance or other regulatory mechanism shall establish or include:

a. Applicability and jurisdiction, pursuant to the authority provided to the permittee under Wisconsin statutes, the ordinance shall apply to construction sites with one acre or more of land disturbance, and sites of less than one acre if they are part of a larger common plan of development or sale.

b. Requirements for design and implementation of post-construction storm water management control practices consistent with the criteria of those approved by the Department.

Note: Department approved post-construction storm water management control technical standards may be found on the Department's Internet site at:

https://dnr.wi.gov/topic/stormwater/standards/postconst_standards.html

c. For new development and infill, post-construction performance standards equivalent to those in ss. NR 151.122 through 151.126 and 151.242 through 151.246, Wis. Adm. Code, that meet the measurable goals for pollutant removal and post-construction storm water treatment. Post-construction performance standards for new development and infill may be more restrictive than those required in this section 2.5.1.c. if necessary to comply with federally approved TMDL requirements.

d. For redevelopment, post-construction performance standards equivalent to or more restrictive than those in ss. NR 151.122 through 151.126 and 151.242 through 151.246, Wis. Adm. Code, that meet the measurable goals for pollutant removal and post-construction storm water treatment.

e. Storm water plan requirements for landowners of construction sites equivalent to those contained in s. NR 216.47, Wis. Adm. Code.

f. Long-term maintenance requirements for landowners and other persons responsible for long-term maintenance of post-construction storm water control measures, including requirements for routine inspection and maintenance of privately owned post-construction storm water control measures that discharge to the MS4 to maintain their pollutant removal operating efficiency.

g. Inspection and enforcement authority.

Note: In accordance with section 2.10, when a town demonstrates to the Department that an adequate county ordinance that meets the requirements of this permit is administered and enforced within its town, then the town may be excused from having to adopt its own ordinance. Model ordinances for post-construction storm water management can be found in ch. NR 152, Wis. Adm. Code: https://docs.legis.wisconsin.gov/code/admin_code/nr/100/152

2.5.2 Administrative procedures. Written procedures for the administration of the post-construction storm water management program including the process for obtaining local approval and responding to complaints.

2.5.3 Storm water management plan review. Written procedures for post-construction site plan review which incorporate consideration of potential water quality impacts. Post-construction site plan reviews shall be conducted for all construction sites with greater than one acre of land disturbance.

Note: The Department recommends that municipal staff reviewing plans obtain training on post-construction plan review.

2.5.4 Long-term maintenance, inspections and enforcement. Written procedures that will be used by the permittee through its ordinance jurisdiction, approval process, and authority to, at a minimum, track and enforce the long-term maintenance of storm water management facilities implemented to meet the applicable post-construction performance standards in section 2.5.1.c and d of this permit. The procedures shall include:

- a. A mechanism for tracking regulated sites.
- b. At a minimum, long-term maintenance inspections shall occur once per permit term.
- c. Inspection documentation.
- d. Follow up enforcement with timeframes for corrective maintenance.

2.6 Pollution Prevention

The permittee shall continue to implement its pollution prevention program to prevent or reduce pollutant runoff from the MS4 to waters of the state. The permittee shall implement the following measurable goals:

2.6.1 Storm water management facilities. Update and maintain an inventory of municipally owned or operated storm water BMPs such as wet detention ponds, bioretention devices, infiltration basins and trenches, permeable pavement, proprietary sedimentation devices, vegetated swales, or any similar practices or devices used to meet a water quality requirement under this permit. At a minimum, the inventory shall be maintained in a tabular format and contain the following information for each structural storm water facility:

- a. A key corresponding to the location of the BMP on the storm sewer system map required under section 2.8.
- b. The name and a description of the BMP, including the type and year constructed.
- c. A confirmation of whether each of the following elements exist or are not available:
 - (1) An operation and maintenance plan with inspection procedures and schedule.
 - (2) A record drawing.

Note: A record drawing is a complete clean set of drawings that accurately reflect how the final practice was built.

(3) If using a BMP to meet a water quality requirement in this permit and the BMP is owned by another entity, written documentation exists that the permittee has permission from the owner to use the BMP for this purpose.

2.6.2 For each BMP inventoried under section 2.6.1, the permittee shall develop and implement a maintenance plan with inspection procedures and schedule to maintain the pollutant removal operating efficiency of the practice in compliance with any water quality requirement under this permit. Documentation of inspections and maintenance activities shall be maintained.

Note: Chapter NR 528, Wis. Adm. Code, *Management of Accumulated Sediment from Storm Water Management Structures*, establishes a process to regulate sediment removal and use to help storm water pond owners manage storm water pond sediment. Information on NR 528 and managing accumulated sediment from storm water ponds is available through the Department's Internet site at: <https://dnr.wi.gov/topic/waste/nr528.html>

2.6.3 Municipally owned public works facilities. The storm water pollution prevention plans (SWPPPs) for municipal garages, municipal storage areas, and other public works related municipal facilities located within the permitted area shall be maintained and updated annually as needed and shall include the information in sections 2.6.3.a. When a SWPPP is updated, it shall be submitted to the Department with the annual report.

a. SWPPPs shall include the following information:

- (1) The physical locations of each facility with a key corresponding to the locations on the storm sewer system map required under section 2.8.
- (2) The contact information for the individuals with overall responsibility for each facility.
- (3) A map of each facility, drawn to scale, and including the following features:
 - i. The locations and descriptions of major activities and storage areas.
 - ii. Identification of drainage patterns, potential sources of storm water contamination, and discharge points.
 - iii. Identification of nearby receiving waters or wetlands.
 - iv. Identification of connections to the permittees MS4.
- (4) A description of procedures, good housekeeping activities, and any BMPs installed to reduce or eliminate storm water contamination.
- (5) A maintenance plan with inspection procedures and schedule for each facility to identify deficiencies, necessary improvements and/or repairs, assess effectiveness, and address new or unaddressed potential sources of storm water contamination.

(6) Spills prevention and response standard operating procedures.

b. The permittee is not required to comply with section 2.6.3 if the permittee certifies that the municipal facility qualifies for no exposure with the Department's concurrence.

(1) No exposure means that the facility shall have all materials and activities protected by a storm-resistant shelter to prevent exposure to storm water. Materials or activities include material handling equipment or activities, industrial machinery, raw materials, intermediate products, by-products, final products or waste products. Material handling activities include the storage, loading and unloading, transportation or conveyance of any raw material, intermediate product, final product or waste product.

(2) The permittee shall certify for no exposure for each facility at least once each permit term. The permittee shall submit a letter requesting no exposure, an inspection report of the site, and photos of all materials or activities at the site. The photo locations shall be labeled on an aerial photo diagram.

2.6.4 Measures to reduce municipal sources of storm water contamination within source water protection areas.

Note: Wisconsin's source water assessment program information may be found on the Department's Internet site at:
<https://dnr.wi.gov/topic/drinkingwater/sourcewaterprotection.html>

2.6.5 Collection services/Storm sewer system maintenance activities.

a. Street sweeping. If routine street sweeping is utilized to meet a water quality requirement under this permit, the permittee shall maintain documentation of the number and type of equipment used, standard operating procedures, an estimate of the number of lane-miles swept annually, and an estimate of the weight in tons of material collected annually.

b. Catch basins. If routine cleaning of catch basins with sumps is utilized to meet a water quality requirement under this permit, the permittee shall maintain documentation of the number of catch basins inspected, the number of catch basins cleaned, standard operating procedures, and an estimate of the weight in tons of material collected annually.

c. Material handling and disposal. Material collected under a. and b. of this section shall be handled and stored in a manner that prevents contamination of storm water runoff and shall be disposed of or beneficially reused in accordance with applicable solid and hazardous waste statutes and administrative codes. Non-storm water discharges to waters of the state associated with dewatering and drying material collected under sections a. and b. of this section are not authorized by this permit.

Note: Information on managing waste and materials is available on the Department's Internet site at: <https://dnr.wi.gov/topic/Waste/>. Information on WPDES permits for non-storm water discharges is available on the Department's Internet site at: <https://dnr.wi.gov/topic/wastewater/>

d. Leaf management. Proper management of leaves and grass clippings from municipally-owned properties and private property. The program may include instructions to private property owners for on-site composting, on-site beneficial reuse, or yard waste drop-off as opposed to a municipal collection program. On-site management and/or drop-off shall be communicated to private property owners in accordance with the public education and outreach program implemented under section 2.1 of this permit. If the permittee has a municipal collection program, collected material shall be handled and stored in a manner that prevents contamination of storm water runoff. For a municipal leaf collection program, the permittee shall maintain the following documentation:

- (1) A description of the leaf collection program, including the type of pick-up methodology and equipment used, timing of associated street cleaning, standard operating procedures, schedule and frequency, and instructions for private property owners.
- (2) An estimate of the weight in tons of material collected annually.
- (3) Municipally operated leaf disposal locations with a key corresponding to the locations on the storm sewer system map required under section 2.8. If the disposal location is outside of the MS4 boundary, then the permittee can provide documentation if the disposal is taken elsewhere.

Note: The Department has developed "Interim Municipal Phosphorus Reduction Credit for Leaf Management Programs" guidance to assist permitted MS4s on creditable phosphorus reduction through leaf collection and management. The guidance document may be found on the Department's Internet site at: https://dnr.wi.gov/topic/stormwater/standards/ms4_modeling.html

2.6.6 Winter Road Management. If road salt or other deicers are applied by the permittee or a contractor on behalf of the permittee, no more shall be applied than necessary to maintain public safety. Documentation on deicing activities shall be performed by the permittee or a contractor on behalf of the permittee and include the following:

- a. Contact information for the individuals with overall responsibility for winter roadway maintenance.
- b. A description of the types of deicing products used.
- c. The amount of deicing product used per month.
- d. A description of the type of equipment used.

e. An estimate of the number of lane-miles treated with deicing products for the roadways that the permittee is responsible for, and an estimate in acres of the total area of municipally-owned parking lots treated with deicing products by the permittee or contractor.

f. If applicable, snow disposal locations with a key corresponding to the locations on the storm sewer system map required under section 2.8.

Note: Snow treatment and disposal guidance for municipalities is available through the Department's Internet site at: <https://dnr.wi.gov/topic/stormwater/publications.html>

g. A description of anti-icing, pre-wetting and brining, equipment calibration, pavement temperature monitoring, and/or salt reduction strategies implemented or being considered, and/or alternative products.

h. Other measurable data or information that the permittee uses to evaluate or modify its deicing activities.

Note: The Wisconsin Department of Transportation (WisDOT) Highway maintenance manual - Chapter 6, contains guidelines on winter maintenance including application of road salt and other deicers. Chapter 6 is available on the WisDOT's Internet site at: <https://wisconsindot.gov/Pages/doing-bus/local-gov/hwy-mnt/mntc-manual/chapter06.aspx>. The WisDOT highway salt storage requirements are contained in ch. Trans 277, Wis. Adm. Code.

2.6.7 Nutrient management. Application of turf and garden fertilizers on municipally controlled properties (such as parks, athletic fields, golf courses), with pervious surfaces over 5 acres each, in accordance with a site-specific nutrient application schedule based on appropriate soil tests.

Note: To assist permittees with this requirement, the Department has developed a technical standard for turf nutrient management. These documents may be found on the Department's Internet site at: https://dnr.wi.gov/topic/stormwater/standards/turf_nutrient.html

2.6.8 Environmentally sensitive development. Consideration of environmentally sensitive land development designs for municipal projects, including green infrastructure and low impact development, which shall be designed, installed, and maintained to comply with a water quality requirement under this permit.

Note: Additional information on green infrastructure and low impact development may be found on the following USEPA Internet sites:

<https://www.epa.gov/green-infrastructure>
<https://www.epa.gov/nps/urban-runoff-low-impact-development>

2.6.9 Internal training and education. At a minimum, the permittee shall hold one annual training event for appropriate municipal staff and other personnel involved in implementing each of the elements of the pollution prevention program under this section 2.6. Documentation shall be maintained of the date, the number of people attending the training, the names of each person attending and a summary of their responsibilities, and the content of the training. The permittee shall inform contractors performing any services to implement

section 2.6 of the permit requirements and expectations. The permittee shall also inform their elected officials of the permit requirements and expectations.

2.7 Storm Water Quality Management

The permittee shall implement its municipal storm water quality management program. This program shall maintain compliance with the developed urban area performance standards of s. NR 151.13(2)(b)1., Wis. Adm. Code, for those areas of the municipality that were not subject to the post-construction performance standards of ss. NR 151.12 or 151.24, or ss. NR 151.122 through 151.126, or ss. 151.242 through 151.246, Wis. Adm. Code. The permittee shall implement the following measurable goals:

2.7.1 To the maximum extent practicable, implementation and maintenance of all storm water management practices necessary to meet the more restrictive total suspended solids reduction of either of the following:

a. The permittee shall maintain all source area controls, structural storm water management facilities, and non-structural storm water BMPs that the permittee implemented on or before July 1, 2011, to achieve a reduction of 20% or more of total suspended solids carried by storm water runoff from existing development to waters of the state. If the permittee removes or modifies a storm water BMP, the permittee shall continue to achieve the reduction by installing, implementing, and maintaining the necessary storm water BMPs to, at a minimum, equal the same level of treatment. All structural storm water management facilities utilized to meet the requirements in section 2.7.1.a shall be inventoried and maintained in accordance with sections 2.6.1 and 2.6.2.

b. A 20% reduction in the annual average mass of total suspended solids discharging from the MS4 to surface waters of the state as compared to implementing no storm water management controls. All source area controls, structural storm water management facilities, and non-structural storm water BMPs implemented to achieve the 20% reduction in total suspended solids shall be maintained. If the permittee removes or modifies a storm water BMP, the permittee shall continue to achieve the 20% reduction by installing, implementing, and maintaining the necessary storm water BMPs to equal, at a minimum, the same level of treatment. All structural storm water management facilities utilized to meet the requirements in section 2.7.1.b shall be inventoried and maintained in accordance with sections 2.6.1 and 2.6.2.

Note: The total suspended solids reduction requirement applies to storm water runoff from areas of urban land use and is not applicable to agricultural or rural land uses and associated roads. Additional MS4 modeling guidance for modeling the total suspended solids control is available on the Department's Internet site at: https://dnr.wi.gov/topic/stormwater/standards/ms4_modeling.html. The permittee may elect to meet the applicable total suspended solids standard above on a watershed or regional basis by working with other permittees to provide regional treatment that collectively meets the standard.

2.8 Storm Sewer System Map

The permittee shall maintain its MS4 map. The storm sewer system map shall be updated annually as needed for changes occurring in the permitted area boundaries. The municipal storm sewer system map shall include:

2.8.1 Identification of waters of the state, name and classification of receiving waters, identification of whether the receiving water is an ORW, ERW or listed as an impaired water under s. 303(d) of the Clean Water Act, storm water drainage basin boundaries for each MS4 outfall, and the municipal separate storm sewer conveyance systems including direction of flow.

2.8.2 Identification of any known wetlands, endangered or threatened resources, and historical property, as defined in sections 1.6 through 1.8 of this permit, which might be affected.

2.8.3 Identification of all known MS4 outfalls discharging to waters of the state and other MS4s. Major outfalls shall be uniquely identified.

2.8.4 Location of any known discharge to the MS4 that has been issued WPDES permit coverage by the Department. A list of WPDES permit holders in the permittee's area may be obtained from the Department.

2.8.5 Location of municipally owned or operated structural storm water management facilities including detention basins, infiltration basins, and manufactured treatment devices. If the permittee will be taking total suspended solids credit for pollutant removal from privately-owned facilities, they shall be identified.

2.8.6 Identification of publicly owned parks, recreational areas and other open lands.

2.8.7 Location of municipal garages, storage areas and other public works facilities.

2.8.8 Identification of streets.

2.9 Annual Report

The permittee shall submit an annual report for each calendar year to the Department by **March 31 of the following year**. The permittee shall invite the municipal governing body, interest groups and the general public to review and comment on the annual report. The annual report shall include:

2.9.1 The status of implementing the permit requirements, status of meeting measurable program goals and compliance with permit schedules.

2.9.2 A fiscal analysis which includes the annual expenditures and budget for the reporting year, and the budget for the next year.

2.9.3 A summary of the number and nature of inspections and enforcement actions conducted to ensure compliance with the required ordinances.

2.9.4 Identification of any known water quality improvements or degradation in the receiving water to which the permittee's MS4 discharges. Where degradation is identified, identify why and what actions are being taken to improve the water quality of the receiving water.

2.9.5 An evaluation of program compliance, the appropriateness of identified BMPs, and progress towards achieving identified measurable goals. Any program changes made as a result of this evaluation shall be identified and described in the annual report. For any identified deficiencies towards achieving the requirements under section 2 of this permit or lack of progress towards meeting a measurable goal, the permittee shall initiate program changes to improve their effectiveness.

2.9.6 If applicable, notice that the permittee is relying on another municipality or entity to satisfy any of the permit requirements and a description of the arrangement where a permit requirement is being met in this manner.

2.9.7 A duly authorized representative of the permittee shall sign and certify the annual report and include a statement or resolution that the permittee's governing body or delegated representatives have reviewed or been apprised of the content of the annual report.

2.9.8. The annual report and other required reports, and permit compliance documents shall be submitted electronically through the Department's electronic reporting system.

Note: The Department's electronic reporting system is Internet-based and available at: <https://dnr.wi.gov/permits/water/>. Municipal storm water permit eReporting information and user support tools can be found at: <https://dnr.wi.gov/topic/stormwater/municipal/eReporting.html>

2.10 Cooperation

The permittee may, by written agreement, implement this permit with another municipality or contract with another entity to perform one or more of the conditions of this permit. The permittee is ultimately responsible for compliance with the conditions of this permit. The permittee may rely on another municipality or contract with another entity to satisfy a condition of this permit if all of the following are met:

2.10.1 The other municipality or entity implements the required control measure or permit requirement.

2.10.2 A particular control measure, or component thereof, is at least as stringent as the corresponding permit requirement.

2.10.3 The other municipality or entity agrees to implement a control measure or permit requirement on the permittee's behalf. This shall be shown by formal written agreement, signed by both parties' authorized representatives. The agreement shall be explicit as to which specific permit conditions are being covered by which municipality or other entity. Copies of current agreements shall be submitted with the annual report or to the Department upon request.

Note: If a county is implementing and enforcing adequate storm water ordinances within a town, the town would then not have to adopt its own ordinance. However, the town, as the permittee, is still expected to evaluate how the county is implementing and enforcing the ordinance in the town's permitted area, to verify the county is meeting the permit condition. Another example, if another entity agrees to implement the permit condition of long-term maintenance inspections, the permittee must

evaluate that the entity is completing inspections as agree upon. The permittee should not assume that another entity is implementing a permit condition as required because the permittee remains responsible for compliance with the conditions of this permit.

2.11 Amendments

The permittee shall amend a program required under this permit as soon as possible if the permittee becomes aware that it does not meet a requirement of this permit. The permittee shall amend its program if notified by the Department that a program or procedure is insufficient or ineffective in meeting a requirement of this permit. The Department notice to the permittee may include a deadline for amending and implementing the amendment.

2.12 Reapplication for Permit Coverage

To remain covered after the expiration date of this permit, pursuant to s. NR 216.09, Wis. Adm. Code, the permittee shall reapply to the Department at least 180 days prior to the expiration date of this permit for continued coverage under a reissued version of this permit.

3. COMPLIANCE SCHEDULE

The permittee shall comply with the specific permit conditions contained in sections 1 and 2 according to the schedule in this section 3 and Table 4. The permittee shall begin implementing any updates to its storm water management programs no later than March 31, 2021. Required reports and permit compliance documents shall be submitted electronically through the Department's electronic reporting system.

Note: The Department's electronic reporting system is Internet-based and available at: <https://dnr.wi.gov/permits/water/>. Municipal storm water permit eReporting information and user support tools can be found at: <https://dnr.wi.gov/topic/stormwater/municipal/eReporting.html>

3.1 Impaired Waterbodies and Total Maximum Daily Loads

3.1.1 The permittee shall determine whether any part of its MS4 discharges to an impaired waterbody as required under section 1.5.1 of this permit **by March 31 of each odd-numbered year.**

3.1.2 If the permittee is subject to TMDL requirements under section 1.5 of this permit, the permittee shall submit information to the Department in accordance with the schedule as required in the applicable appendix of this permit.

3.2 Public Outreach and Education

The permittee shall submit to the Department the public education and outreach program developed for the term of this permit as required under section 2.1 of this permit **by March 31, 2021.**

3.3 Public Involvement and Participation

The permittee shall submit to the Department the public involvement and participation program developed for the term of this permit as required under section 2.2 of this permit **by March 31, 2021.**

3.4 Illicit Discharge Detection and Elimination

The permittee shall submit to the Department the illicit discharge detection and elimination program developed for the term of this permit as required under section 2.3.2 to 2.3.6 of this permit **by March 31, 2021.**

3.5 Construction Site Pollutant Control

The permittee shall submit to the Department the construction site pollutant control program developed for the term of this permit as required under sections 2.4.2 to 2.4.4 of this permit **by March 31, 2021.**

3.6 Post-Construction Storm Water Management

The permittee shall submit to the Department the post-construction storm water management program developed for the term of this permit as required under sections 2.5.2 to 2.5.4 of this permit **by March 31, 2021.**

3.7 Pollution Prevention

3.7.1 The permittee shall submit to the Department the municipal storm water management facility inventory as required under section 2.6.1 of this permit by **March 31, 2021**. Include with the annual report submittal via the Department's electronic reporting system. When the inventory is updated, it shall be submitted by **March 31 of each year** to the Department.

3.7.2 The permittee shall submit to the Department the maintenance plan for municipal storm water management facilities as required under section 2.6.2 of this permit by **March 31, 2021**.

3.7.3 The permittee shall update SWPPPs for municipally owned properties as needed as required under section 2.6.3 of this permit. When a SWPPP is updated, it shall be submitted by **March 31 of each year** to the Department.

3.8 Storm Water Quality Management

The permittee shall report compliance with the developed urban area performance standards as required under section 2.7 of this permit by **March 31 of each year**.

3.9 Storm Sewer System Map

The permittee shall update the storm sewer system map as needed as required under section 2.8 of this permit. When the MS4 map is updated, it shall be submitted by **March 31 of each year** to the Department.

3.10 Annual Report

The permittee shall submit to the Department an annual report as required under section 2.9 of this permit for each calendar year by **March 31 of the following year**. The annual report and other required reports, and permit compliance documents shall be submitted electronically through the Department's electronic reporting system.

Table 4: Compliance Schedule for Permit Requirements

PERMIT SECTION	ACTIVITY	COMPLIANCE DATE	COMMENTS
Section 1.5.1	Identify discharges to an impaired waterbody	By March 31 of each odd-numbered year thereafter	All permittees
Section 1.5.2	Total maximum daily load implementation	See applicable Appendix.	Applies to a permittee with an MS4 discharge of a pollutant of concern to a waterbody subject to an USEPA approved TMDL that assigns the permittee a wasteload allocation.
Section 2.1	Public Education and Outreach – Submit public education and outreach program for the permit term with annual report	March 31, 2021	All permittees
Section 2.2	Public Involvement and Participation – Submit public involvement and participation program for the permit term with annual report	March 31, 2021	All permittees
Section 2.3.2 to 2.3.6	Illicit Discharge Detection and Elimination – Submit illicit discharge detection and elimination program for the permit term with annual report	March 31, 2021	All permittees
Section 2.4.2 to 2.4.4	Construction Site Pollutant Control – Submit construction site pollutant control program for the permit term with annual report	March 31, 2021	All permittees
Section 2.5.2 to 2.5.4	Post-Construction Storm Water Management – Submit post-construction storm water management program for the permit term with annual report	March 31, 2021	All permittees
Section 2.6	Pollution Prevention – Section 2.6.1, submit the municipal storm water management facility inventory with annual report	March 31, 2021, and annually thereafter (if updates)	All permittees
	Pollution Prevention – Section 2.6.2, submit the maintenance plan for municipal storm water management facilities with annual report	March 31, 2021	All permittees
	Pollution Prevention – Section 2.6.3, submit SWPPPs for municipally owned properties with annual report	March 31 of each year reporting on previous calendar year (if updates)	All permittees

Section 2.7	Storm Water Quality Management – Report TSS percent reduction	March 31 of each year reporting on previous calendar year	All permittees
Section 2.8	Storm sewer system map - Submit map with annual report	March 31 of each year reporting on previous calendar year (if updates)	All permittees
Section 2.9	Submit Annual Report	March 31 of each year reporting on previous calendar year	All permittees

4. GENERAL CONDITIONS

The conditions in s. NR 205.07(1) and (3), Wis. Adm. Code, are incorporated by reference in this permit. The permittee shall be responsible for meeting these requirements, except for s. NR 205.07(1)(n), Wis. Adm. Code, which does not apply to facilities covered under general permits. Some of these requirements are outlined below. Requirements not specifically outlined below can be found in s. NR 205.07(1) and (3), Wis. Adm. Code.

4.1 Duty to Comply: The permittee shall comply with all conditions of the permit. Any act of noncompliance with this permit is a violation of this permit and is grounds for enforcement action or withdrawal of permit coverage under this permit and issuance of an individual permit. If the permittee files a request for an individual WPDES permit or a notification of planned changes or anticipated noncompliance, this action by itself does not relieve the permittee of any permit condition.

4.2 Enforcement Action: The Department is authorized under s. 283.89 and 283.91, Wis. Stats., to utilize citations or referrals to the Wisconsin Department of Justice to enforce the conditions of this permit. Violation of a condition of this permit is subject to a fine of up to \$10,000 per day of the violation.

4.3 Compliance Schedules: Reports of compliance or noncompliance with interim and final requirements contained in any compliance schedule of the permit shall be submitted in writing within 14 days after the scheduled due date, except that progress reports shall be submitted in writing on or before each schedule date for each report. Any report of noncompliance shall include the cause of noncompliance, a description of remedial actions taken, and an estimate of the effect of the noncompliance on the permittee's ability to meet the remaining scheduled due dates.

4.4 Noncompliance

4.4.1 Upon becoming aware of any permit noncompliance that may endanger public health or the environment, the permittee shall report this information by a telephone call to the Department regional storm water specialist within 24 hours. A written report describing the noncompliance shall be submitted to the Department regional storm water specialist within 5 days after the permittee became aware of the noncompliance. The Department may waive the written report on a case-by-case basis based on the oral report received within 24 hours. The written report shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times; the steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance; and if the noncompliance has not been corrected, the length of time it is expected to continue.

4.4.2 Reports of any other noncompliance not covered under General Conditions sections 3.3, 3.4.1, or 3.6. shall be submitted with the annual report. The reports shall contain all the information listed in General Conditions section 3.4.1.

4.5 Duty to Mitigate: The permittee shall take all reasonable steps to minimize or prevent any adverse impact on the waters of the state resulting from noncompliance with the permit.

4.6 Spill Reporting: The permittee shall immediately notify the Department, in accordance with s. 292.11(2)(a), Wis. Stats., which requires any person who possesses or controls a hazardous substance or who causes the discharge of a hazardous substance to notify the DNR immediately of any discharge not

authorized by the permit. The discharge of a hazardous substance that is not authorized by this permit or that violates this permit may be a hazardous substance spill. To report a hazardous substance spill, call the DNR's 24-hour HOTLINE at 1-800-943-0003.

Note: For details on state and federal reportable quantities, visit:

<https://dnr.wi.gov/topic/Spills/define.html>

4.7 Proper Operation and Maintenance: The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control which are installed or used by the municipality to achieve compliance with the conditions of the permit and the storm water management plan. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems only when necessary to achieve compliance with conditions of this permit.

4.8 Bypass: The permittee may temporarily bypass a storm water treatment facility if necessary for human safety or maintenance to assure efficient operation. A bypass shall comply with the general storm water discharge limitations in Section 1.9 of this permit. Notification of the Department is not required for these types of bypasses. Any other bypass is prohibited.

Note: A discharge from a storm water treatment facility that exceeds the operational design capacity of the facility is not considered a bypass.

4.9 Duty to Halt or Reduce Activity: Upon failure or impairment of storm water management practices identified in the storm water management program, the permittee shall, to the extent practicable and necessary to maintain permit compliance, modify or curtail operations until the storm water management practices are restored or an alternative method of storm water pollution control is provided.

4.10 Removed Substances: Solids, sludges, filter backwash or other pollutants removed from or resulting from treatment or control of storm water shall be stored and disposed of in a manner to prevent any pollutant from the materials from entering the waters of the state, and to comply with all applicable federal, state, and local regulations.

4.11 Additional Monitoring: If a permittee monitors any pollutant more frequently than required by the permit, the results of that monitoring shall be reported to the Department in the annual report.

4.12 Inspection and Entry: The permittee shall allow authorized representatives of the Department, upon the presentation of credentials, to:

4.12.1 Enter upon the municipal premises where a regulated facility or activity is located or conducted, or where records are required to be maintained under the conditions of the permit;

4.12.2 Have access to and copy, at reasonable times, any records that are required under the conditions of the permit;

4.12.3 Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices or operations regulated or required under the permit; and

4.12.4 Sample or monitor at reasonable times, for the purposes of assuring permit compliance, any substances or parameters at any location.

4.13 Duty to Provide Information: The permittee shall furnish the Department, within a reasonable time, any information which the Department may request to determine whether cause exists for modifying, terminating, suspending revoking or reissuing the permit or to determine compliance with the permit. The permittee shall give advance notice to the Department of any planned changes to the storm water management program which may result in noncompliance with permit requirements. The permittee shall also furnish the Department, upon request, copies of records required to be kept by the permittee.

4.14 Property Rights: The permit does not convey any property rights of any sort, or any exclusive privilege. The permit does not authorize any injury or damage to private property or an invasion of personal rights, or any infringement of federal, state or local laws or regulations.

4.15 Other Information: Where the permittee becomes aware that it failed to submit any relevant facts in applying for permit coverage or submitted incorrect information in any plan or report sent to the Department, it shall promptly submit such facts or correct information to the Department.

4.16 Records Retention: The permittee shall retain records of all monitoring information, copies of all reports required by the permit, and records of all data used to complete the notice of intent for a period of at least 5 years from the date of the sample, measurement, report or application. The permittee shall retain records documenting implementation of the minimum control measures in sections 2.1 through 2.6 of this permit for a period of at least 5 years from the date the record was generated.

4.17 Permit Actions: Under s. 283.35, Wis. Stats., the Department may withdraw a permittee from coverage under this general permit and issue an individual permit for the municipality if: (a) The municipality is a significant contributor of pollution; (b) The municipality is not in compliance with the terms and conditions of the general permit; (c) A change occurs in the availability of demonstrated technology or practices for the control or abatement of pollutants from the municipality; (d) Effluent limitations or standards are promulgated for a point source covered by the general permit after the issuance of that permit; or (e) A water quality management plan containing requirements applicable to the municipality is approved. In addition, as provided in s. 283.53, Wis. Stats., after notice and opportunity for a hearing this permit may be suspended, modified or revoked, in whole or in part, for cause. If the permittee files a request for a permit modification, termination, suspension, revocation and reissuance, or submits a notification of planned changes or anticipated noncompliance, this action by itself does not relieve the permittee of any permit condition.

4.18 Signatory Requirements: All applications, reports or information submitted to the Department shall be signed by a ranking elected official, or other person authorized by those responsible for the overall operation of the MS4 and storm water management program activities regulated by the permit. The representative shall certify that the information was gathered and prepared under his or her supervision and, based on report from the people directly under supervision that, to the best of his or her knowledge, the information is true, accurate, and complete.

4.19 Attainment of Water Quality Standards after Authorization: At any time after authorization, the Department may determine that the discharge of storm water from a permittee's MS4 may cause, have

the reasonable potential to cause, or contribute to an excursion of any applicable water quality standard. If such determination is made, the Department may require the permittee to do one of the following:

4.19.1 Develop and implement an action plan to address the identified water quality concern to the satisfaction of the Department.

4.19.2 Submit valid and verifiable data and information that are representative of ambient conditions to demonstrate to the Department that the receiving water or groundwater is attaining the water quality standard.

4.19.3 Submit an application to the Department for an individual storm water discharge permit.

4.20 Continuation of the Expired General Permit: The Department's goal is to reissue this general permit prior to its expiration date. However, in accordance with s. NR 216.09, Wis. Adm. Code, a permittee shall reapply to the Department at least 180 days prior to the expiration date for continued coverage under this permit after its expiration. If the permit is not reissued by the time the existing permit expires, the existing permit remains in effect.

4.21 Need to Halt or Reduce Activity not a Defense: It is not a defense for a permittee in an enforcement action to claim that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit.

5. DEFINITIONS USED IN THIS PERMIT

Definitions for some of the terms found in this permit are as follows:

5.1 Department means the Wisconsin Department of Natural Resources.

5.2 Development means residential, commercial, industrial and institutional land uses and associated roads.

5.3 Erosion means the process by which the land's surface is worn away by the action of wind, water, ice or gravity.

5.4 Hazardous substance means any substance or combination of substances including any waste of a solid, semisolid, liquid or gaseous form which may cause or significantly contribute to an increase in mortality or an increase in serious irreversible or incapacitating reversible illness or which may pose a substantial present or potential hazard to human health or the environment because of its quantity, concentration or physical, chemical or infectious characteristics. This term includes, but is not limited to, substances which are toxic, corrosive, flammable, irritants, strong sensitizers or explosives as determined by the Department.

5.5 Illicit connection means any man-made conveyance connecting an illicit discharge to a municipal separate storm sewer system.

5.6 Illicit discharge means any discharge to a municipal separate storm sewer system that is not composed entirely of storm water except discharges authorized by a WPDES permit or other discharge not requiring a WPDES permit such as landscape irrigation, individual residential car washing, fire fighting, diverted stream flows, uncontaminated groundwater infiltration, uncontaminated pumped groundwater, discharges from potable water sources, foundation drains, air conditioning condensation, irrigation water, lawn watering, flows from riparian habitats and wetlands, and similar discharges. However, the occurrence of a discharge listed above may be considered an illicit discharge on a case-by-case basis if the permittee or the Department identifies it as a significant source of a pollutant to waters of the state.

5.7 Impaired water means a waterbody impaired in whole or in part and listed by the Department pursuant to 33 USC § 1313(d)(1)(A) and 40 CFR 130.7, for not meeting a water quality standard, including a water quality standard for a specific substance or the waterbody's designated use.

5.8 Infiltration means the entry and movement of precipitation or runoff into or through soil.

5.9 Jurisdiction means the area where the permittee has authority to enforce its ordinances or otherwise has authority to exercise control over a particular activity of concern.

5.10 Land disturbing construction activity means any man-made alteration of the land surface resulting in a change in the topography or existing vegetative or non-vegetative soil cover that may result in storm water runoff and lead to increased soil erosion and movement of sediment into waters of the state. Land disturbing construction activity includes clearing and grubbing, demolition, excavating, pit trench dewatering, filling and grading activities.

5.11 Maximum Extent Practicable has the meaning given it in s. NR 151.002(25), Wis. Adm. Code.

5.12 Major outfall means a municipal separate storm sewer outfall that meets one of the following criteria:

5.12.1 A single pipe with an inside diameter of 36 inches or more, or from an equivalent conveyance (cross sectional area of 1,018 square inches) which is associated with a drainage area of more than 50 acres.

5.12.2 A municipal separate storm sewer system that receives storm water runoff from lands zoned for industrial activity that is associated with a drainage area of more than 2 acres or from other lands with 2 or more acres of industrial activity, but not land zoned for industrial activity that does not have any industrial activity present.

5.13 Municipality means any city, town, village, county, county utility district, town sanitary district, town utility district, school district or metropolitan sewage district or any other public entity created pursuant to law and having authority to collect, treat or dispose of sewage, industrial wastes, storm water or other wastes.

5.14 Municipal Separate Storm Sewer System or MS4 means a conveyance or system of conveyances including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, constructed channels or storm drains, which meets all of the following criteria:

5.14.1 Owned or operated by a municipality.

5.14.2 Designed or used for collecting or conveying storm water.

5.14.3 Which is not a combined sewer conveying both sanitary and storm water.

5.14.4 Which is not part of a publicly owned wastewater treatment works that provides secondary or more stringent treatment.

5.15 New MS4 discharge of a pollutant means an MS4 discharge that would first occur after the permittee's original date of initial coverage under an MS4 permit to a surface water to which the MS4 did not previously discharge storm water, and does not include an increase in an MS4's discharge to a surface water to which the MS4 discharged on or before coverage under this permit.

5.16 Outfall means the point at which storm water is discharged to waters of the state or to a storm sewer (e.g., leaves one municipality and enters another).

5.17 Permittee means a person who has applied for and received WPDES permit coverage for storm water discharge. For the purposes of this permit, permittee is the owner or operator of a municipal separate storm sewer system authorized to discharge storm water into waters of the state.

5.18 Permitted area means the areas of land under the jurisdiction of the permittee that drains into a municipal separate storm sewer system, which is regulated under a permit issued pursuant to subch. I of NR 216, Wis. Adm. Code.

5.19 Pollutants of concern means a pollutant that is causing impairment of a waterbody.

5.20 Reach means a specific stream segment, lake or reservoir as identified in a TMDL.

5.21 Reachshed means the drainage area contributing runoff to a given reach.

5.22 Redevelopment means areas where development is replacing older development.

5.23 Riparian landowners are the owners of lands bordering lakes and rivers.

5.24 Sediment means settleable solid material that is transported by runoff, suspended within runoff or deposited by runoff away from its original location.

5.25 Start Date is the date of permit coverage under this permit, which is specified in the Department letter authorizing coverage.

5.26 Storm water management practice means structural or non-structural measures, practices, techniques or devices employed to avoid or minimize soil, sediment or pollutants carried in runoff to waters of the state.

5.27 Storm Water Pollution Prevention Plan or SWPPP refers to the development of a site-specific plan that describes the measures and controls that will be used to prevent and/or minimize pollution of storm water.

5.28 Structural storm water management facilities are engineered and constructed systems that are designed to provide storm water quality control such as wet detention ponds, constructed wetlands, infiltration basins and grassed swales.

5.29 Total maximum daily load or TMDL means the amount of pollutants specified as a function of one or more water quality parameters, that can be discharged per day into a water quality limited segment and still ensure attainment of the applicable water quality standard.

5.30 Urbanized area means a place and the adjacent densely settled surrounding territory that together have a minimum population of 50,000 people, as determined by the U.S. bureau of the census based on the latest decennial federal census.

5.31 Wasteload Allocation or WLA means the allocation resulting from the process of distributing or apportioning the total maximum load to each individual point source discharge.

5.32 Waters of the State has the meaning given it in s. 283.01(20), Wis. Stats.

5.33 WPDES permit means a Wisconsin Pollutant Discharge Elimination System permit issued pursuant to ch. 283, Wis. Stats.

Appendix A: MS4 Permittees Subject to a TMDL Approved Prior to May 1, 2014 including Applicable Updates

A.1 Applicability and Structure of Appendix.

A.1.1 Applicability. In accordance with section 1.5.2.a, this Appendix A applies to permittees subject to a total maximum daily load (TMDL) approved by the United States Environmental Protection Agency (USEPA) prior to May 1, 2014, that includes the following:

- “Total Maximum Daily Loads for Total Phosphorus and Total Suspended Solids in the Rock River Basin,” approved by USEPA September 2011
- “Total Maximum Daily Load and Watershed Management Plan for Total Phosphorus and Total Suspended Solids in the Lower Fox River Basin and Lower Green Bay,” approved by USEPA May 2012
- “Lake St. Croix Nutrient Total Maximum Daily Load,” approved by USEPA August 2012
- “Phosphorus Total Maximum Daily Loads (TMDLs) Tainter Lake and Lake Menomin, Dunn County Wisconsin,” approved by USEPA September 2012

In addition to the TMDLs listed above, Appendix A also applies to the following:

- “Beaver Dam Lake Total Maximum Daily Load for Total Phosphorus,” approved by USEPA August 2018

Note: The Beaver Dam Lake TMDL updates allocations from the Rock River Basin TMDL for the City of Beaver Dam and provides higher allocations, lower percent reductions, than those contained in the Rock River Basin TMDL approved in September 2011.

Note: If the MS4 area extends into or discharges to other basins with a USEPA approved TMDL, a permittee could be subject to more than one TMDL and thus the requirements under Appendices B and/or C.

A.1.2 Structure of Appendix. This appendix is structured to provide permittees with several compliance options. Section A.2 defines full TMDL compliance while sections A.3, A.4, and A.5 provide different compliance options. Section A.3 applies to permittees that submitted a plan meeting the requirements contained in sections 1.5.4.4 and 1.5.4.5 of WDPES Permit No. WI-S050075-2 or WI-S050181-1 and received Department concurrence regarding the plan. Section A.3 also applies to permittees that are participating in an approved adaptive management plan. Section A.4 details requirements for permittees that can comply with the TMDL during this permit term. Section A.5 applies to permittees who have not been able to utilize sections A.3 or A.4. Section A.5 contains two compliance tracks; permittees may choose between the requirements stipulated under section A.5.2 or meet the requirements under section A.5.3. Section A.6 outlines reporting requirements.

A.2 Full TMDL Compliance.

A.2.1 USEPA is allowing the Department to evaluate MS4 compliance with TMDL Wasteload Allocations (WLAs) using a percent reduction framework consistent with Wisconsin’s storm

water program. For consistency with existing storm water program requirements, demonstration of TMDL compliance will use the percent reduction measured from the no runoff management controls (no-controls) condition. The percent reduction from no-controls, for each pollutant of concern and reachshed, necessary to meet the TMDL WLAs for the USEPA approved TMDLs are listed in Tables A1-A4. The no-controls modeling condition means taking no (zero) credit for existing storm water control measures that reduce the discharge of pollutants. Existing practices can then be applied and counted toward meeting the TMDL reductions.

A.2.2 TMDLs may assign a percent reduction for one or more reachsheds for each pollutant of concern (i.e., total suspended solids (TSS) and total phosphorus (TP)). Full TMDL compliance is achieved by the permittee provided all of the following conditions are met:

- a. By October 31, 2023, the permittee submits the necessary data and documentation to the Department that demonstrates that the permittee meets the percent reductions stipulated in Tables A1-A4 for each reachshed that the MS4 discharges to and for each pollutant of concern.
- b. The documentation submitted by the permittee includes the policies, procedures, and regulatory mechanisms that the permittee will employ to ensure that storm water controls and management measures will continue to be operated and maintained so that their pollutant removal efficiency continues to be met.
- c. Based upon the data and documentation and any necessary subsequent information requested by the Department, the permittee receives written concurrence from the Department by April 30, 2024, that the permittee has achieved full TMDL compliance.

A.3 Implementation of TMDL Compliance Plan or Participation in an Approved Adaptive Management Plan.

A.3.1 If the permittee submitted a TMDL Implementation Plan meeting the requirements contained in sections 1.5.4.4 and 1.5.4.5 of WPDES Permit No. WI-S050075-2 or WI-S050181-1 and has received Department concurrence regarding the plan, the permittee shall implement the plan as its TMDL Compliance Plan.

A.3.2 In accordance with s. 283.13(7), Wis. Stats., and s. NR 217.18, Wis. Adm. Code, if by the effective date of this permit the permittee has chosen to participate in an Adaptive Management project that has been approved by the Department the permittee shall continue to participate in the implementation of the Adaptive Management project.

A.4 Compliance During the Term of This Permit. If the permittee determines that it can meet the requirements stipulated in section A.2.2 by October 31, 2023, the permittee shall meet all the following:

A.4.1 By March 31, 2020, the permittee shall notify the Department if compliance will be achieved by October 31, 2023.

A.4.2 Consistent with the reporting requirements contained in section A.6, the permittee shall submit written verification that it has met the applicable requirements contained in section A.2.2.

A.5 Compliance Over Multiple Permit Terms. If the permittee cannot meet the requirements stipulated under sections A.3 or A.4, the permittee shall demonstrate continued progress towards compliance with the requirements contained in section A.2.2. During the term of this permit, the following are required:

A.5.1 By March 31, 2020, if the permittee determines that the applicable requirements contained in section A.2.2 will not be achieved by October 31, 2023, then the permittee shall notify the Department in writing which reachsheds and pollutants of concern are not in compliance with the requirements contained in section A.2.2.

A.5.2 By October 31, 2021, the permittee shall submit a TMDL Implementation Plan to the Department identifying and describing the actions that the permittee shall undertake, including a proposed schedule and milestones, to achieve the following by the end of the term of this permit:

- a.** A level of reduction that achieves at least 20% of the remaining reduction needed beyond the current 20% TSS reduction required under s. NR 151.13 (2)(b)1.b., Wis. Adm. Code, to achieve full compliance in sediment or TSS.
- b.** A level of reduction that achieves at least 10% of the remaining reduction needed beyond 15% TP reduction to achieve full compliance in TP.

Note: The reductions stipulated under section A.5.2 are interim compliance targets set for this permit term. Future permit reduction targets may taper off or vary between municipalities based on individual plans as it is expected that municipalities will rely more on reductions obtained through redevelopment.

Note: Unlike full compliance as outlined in section A.2.2, compliance with the reductions stipulated under sections A.5.2.a and A.5.2.b can be achieved utilizing an averaged reduction calculated from individual reductions achieved in one or multiple reachsheds and spanning the entire MS4 area that is impacted by the TMDL.

Note: Reductions obtained through a permittee's participation in a water quality trading project, in accordance with s. 283.84, Wis. Stats., and that has been reviewed and approved by the Department, may be counted toward credit in meeting the requirements stipulated under sections A.5.2.a and A.5.2.b. Additional information on water quality trading is available from the Department's Internet site at:

<https://dnr.wi.gov/topic/surfacewater/waterqualitytrading.html>

Note: Example calculation to meet section A.5.2.a for total suspended solids (TSS)

"Municipality A" has modeled a no-controls TSS load of 50 tons/year for Reachshed 2 and 100 tons/year for Reachshed 3.

Determine Calculated Wasteload Allocation

"Municipality A" has area in Rock River TMDL Reachsheds 2 and 3. From Table A.1, the TMDL requires the following reductions from no controls which under section A.2 must ultimately achieve a mass reduction as follows:

TMDL Reachshed	Modeled TSS from No-Controls (tons/yr)	TMDL TSS Reduction from No-Controls	Ultimate Mass Reduction Required for Full TMDL Compliance (tons/yr)	Calculated Wasteload Allocation (tons/yr)
2	50	40.6%	$50 \times 0.406 = 20.3$	$50 - 20.3 = 29.7$
3	100	55.6%	$100 \times 0.556 = 55.6$	$100 - 55.6 = 44.4$

Determine Minimum Control Required under Section NR 151.13(2)(b)1.b., Wis. Adm. Code

TMDL Reachshed	No Controls TSS (tons/yr)	NR 151 Required Reduction (tons/yr)	NR 151 Allowable Load (tons/yr)
2	50	$50 \times 0.20 = 10$	$50 - 10 = 40$
3	100	$100 \times 0.20 = 20$	$100 - 20 = 80$
Total		30.0	

Calculate 20% Additional Reduction from Section NR 151.13(2)(b)1.b., Wis. Adm. Code

Under section A.5.2.a, "Municipality A" must achieve an additional 20% reduction from the current 20% TSS reduction required under s. 151.13 (2)(b)1.b., Wis. Adm. Code. As shown below, "Municipality A" needs to achieve a 20% reduction of the remaining 45.9 tons results in "Municipality A" needing to achieve an additional 9.18 tons/year in reduction.

Reachshed	NR 151 Allowable Load (tons/yr)	Calculated Wasteload Allocation (tons/yr)	Additional Reduction from NR 151 (tons/yr)	20% Additional Reduction from NR 151 (tons/yr)
2	40	29.7	$40 - 29.7 = 10.3$	$10.3 \times 0.2 = 2.06$
3	80	44.4	$80 - 44.4 = 35.6$	$35.6 \times 0.2 = 7.12$
Total			45.9	9.18

Load reduction at the end of permit term

At the end of the permit term, "Municipality A" should demonstrate a minimum reduction from no controls of 39.18 (30 tons plus 9.18 tons). "Municipality A" has the flexibility to decide how much of that reduction is provided in TMDL Reachshed 2 and/or 3 over the next permit term. "Municipality A" will still require additional reductions in each reachshed over subsequent permit terms to reach the calculated wasteload allocation of 29.7 tons in TMDL Reachshed 2 and 44.4 tons in TMDL Reachshed 3.

The calculation process is similar for total phosphorus (TP).

A.5.3 If the permittee determines by October 31, 2021, that it is unable to achieve the reductions stipulated under sections A.5.2.a and A.5.2.b, the permittee shall meet the following requirements by October 31, 2023:

Note: The permittee may optimize deployment of resources between the requirements listed below to maximize reductions for the least cost. In some cases, permittees may already be meeting these requirements.

a. Pursuant to the permittee's authority under s. 281.33(6)(a)2., Wis. Stats., the permittee shall create or revise and promulgate a municipal storm water management ordinance applicable to redevelopment that requires compliance with post-construction storm water management performance standards that are stricter than the uniform statewide standards established by the Department. When reporting to the Department under section A.6.3, the permittee shall include a justification for the level of pollutant reduction in the ordinance with an assessment of the progress it achieves towards full compliance with the TMDL. The redevelopment reductions may be adjusted to account for other storm water control measures that may exist. The permittee may also establish TP reduction levels for redevelopment projects.

Note: The permittee may enact an ordinance that is municipal-wide, targets individual TMDL reachsheds, or designated areas within the permitted MS4, balancing required TMDL reductions, parcel size, and the impact of other treatment options. Increasing redevelopment reductions is one tool in moving toward TMDL compliance.

b. The permittee shall create or revise a municipal ordinance that requires the development and implementation of a maintenance plan for all privately-owned storm water treatment facilities for which the permittee takes a TSS and/or TP reduction credit. The permittee shall develop and implement procedures and measures to verify and track that the storm water treatment facilities are inspected on a regular schedule and maintained in the intended working condition in accordance with the plans. The permittee shall require that maintenance agreements be recorded with the appropriate property records that obligates the current and future owners to implement the maintenance plans.

c. The permittee shall revise or promulgate a municipal ordinance that requires the submittal of record drawings for storm water management facility that the permittee takes a TSS and/or TP reduction credit. The permittee shall require submittal of the record drawing prior to close-out of the local permit or upon final approval and shall maintain appropriate records and tracking of the plans.

d. If the pollutant of concern is TP, the permittee shall implement, expand, or optimize a municipal leaf collection program coupled with street cleaning to serve areas where municipal leaf collection is not currently provided within the MS4 but for which a phosphorus reduction has been assigned and additional reductions could be achieved.

Note: The Department's "Interim Municipal Phosphorus Reduction Credit for Leaf Management Programs" guidance document includes recommendations on how the permittee's municipal leaf collection program should be designed and implemented.

The guidance is available from the Department's Internet site at:
https://dnr.wi.gov/topic/stormwater/standards/ms4_modeling.html

- e. Within the MS4 permitted area, the permittee shall inventory the condition of the conveyance systems and outfalls. Where erosion or scour is occurring, the permittee shall develop a schedule to stabilize the identified areas over a 5-year period.
- f. The permittee shall install at least one new structural BMP or enhance one or more existing structural BMPs to reduce a pollutant of concern discharged via storm water runoff to an impaired waterbody for which a WLA has been assigned to the permittee. The permittee shall develop and implement a maintenance plan for each new structural BMP.
- g. The permittee shall conduct an analysis of the current municipal street cleaning program, to determine if additional pollutant loading reductions can be achieved. The permittee shall evaluate optimizing sweeping frequency, targeting of critical areas and time periods, and instituting parking restrictions. If a pollutant reduction can be achieved through optimizing the existing street cleaning program, the permittee shall adopt the optimized program the next calendar year or provide a written explanation to the Department explaining why the optimize street cleaning program is not feasible and provide alternative options to achieve similar pollutant reductions.

A.6 Reporting Requirements. For the term of this permit, the permittee shall meet the following reporting requirements:

A.6.1 Compliance Determination Reporting. The permittee shall submit the information requested in this appendix in accordance with the following schedule:

- a. By March 31, 2020, for sections A.4.1 and A.5.1.
- b. By October 31, 2021, for section A.5.2.
- c. By October 31, 2023, for sections A.2.2.a and A.5.3.

A.6.2 Annual Reporting. For compliance options outlined under sections A.3, A.4, and A.5, the permittee shall include a description and the status of progress toward implementing the identified actions and activities in their MS4 annual reports due by March 31 of each year.

A.6.3 Final Documentation. Except for permittees complying with a Department approved adaptive management plan under section A.3.2, by October 31, 2023, the permittee shall submit documentation to the Department to verify that the permittee has completed all actions required under this appendix including the following:

- a. An updated storm sewer system map that identifies:
 - (1) The current municipal boundary. For a permittee that is not a city or village, identify the permitted area.

Note: The permitted area for towns, counties and non-traditional MS4s pertains to the area within an urbanized area or the area served by its storm sewer system, such as a university campus.

(2) The TMDL reachshed boundaries within the municipal boundary, and the area of each TMDL reachshed in acres within the municipal boundary.

(3) The MS4 drainage boundary associated with each TMDL reachshed, and the area in acres of the MS4 drainage boundary associated with each TMDL reachshed.

b. The permittee shall submit an updated tabular summary that includes the following for each MS4 drainage boundary associated with each TMDL reachshed as identified under section A.6.3.a and for each pollutant of concern:

(1) The permittee's percent reduction needed to comply with its TMDL WLA from the no-controls modeling condition.

(2) The modeled MS4 annual average pollutant load without any storm water control measures.

(3) The modeled MS4 annual average pollutant load with existing storm water control measures.

(4) The percent reduction in pollutant load achieved calculated from the no-controls condition determined under section A.6.3.a(2) and the existing controls condition determined under section A.6.3.a(3).

(5) The existing storm water control measures, including the type of measure, area treated in acres, the pollutant load reduction efficiency, and confirmation of the permittee's authority for long-term maintenance of each practice.

c. If the updated tabular summary required under section A.6.3.b shows that the permittee is not achieving the requirements stipulated in section A.2, the permittee shall submit an updated written TMDL Implementation Plan to the Department that describes how the permittee will make progress toward achieving compliance. The TMDL Implementation Plan shall include the following information:

(1) A list of management options and an implementation schedule that over the next permit term achieves, to the maximum extent practicable, an additional 20% reduction in sediment or TSS and an additional 10% reduction in TP. The percent reductions shall be applied to the difference measured from loading conditions at the end of this permit to the total reductions listed in Tables A1-A4. The reductions can be achieved utilizing an averaged reduction calculated from individual reductions achieved in one or multiple reachsheds and spanning the entire MS4 area impacted by a TMDL.

Note: Reductions that occur through stricter redevelopment standards or through water quality trading can be counted toward meeting the reduction requirements under this section.

Note: Unlike full compliance as outlined in section A.2.2, interim compliance under this section can be based on an average reduction measured across the MS4 area impacted by a TMDL.

(2) Recommendations and options with supporting analysis for storm water control measures that will be installed or implemented in future permit terms to achieve the requirements, to the maximum extent possible, stipulated in section A.2.

(3) A proposed schedule for implementation of the recommendations and options identified under section A.6.3.c(1). The proposed schedule may extend into future permit terms.

(4) A cost effectiveness analysis for implementation of the recommendations and options identified under section A.6.3.c(1).

Table A1: Rock River Basin TMDL Load Reductions Necessary to Meet TMDL Wasteload Allocations by TMDL Reachshed

Reachshed Number (TMDL Subbasin)	Waterbody Name	County	TSS % Reduction from No-controls	TP % Reduction from No-controls
2	South Branch Rock River	Dodge, Fond du Lac, Green Lake	40.6	48.2
3	South Branch Rock River	Dodge, Fond du Lac	55.6	86.9
20	Rock River	Dodge, Jefferson, Washington, Waukesha	40.0	37.2
21	Rock River	Dodge, Jefferson, Washington, Waukesha	40.0	34.3
23	Oconomowoc River	Washington, Waukesha	46.6	35.8
24	Mason Creek	Dodge, Washington, Waukesha	47.2	35.0
25	Oconomowoc River	Jefferson, Waukesha	59.2	73.7
26	Battle Creek	Waukesha	57.4	52.6
27	Oconomowoc River	Jefferson, Waukesha	40.0	27.0
28	Rock River	Dodge, Jefferson	40.0	27.7
29	Rock River	Dodge, Jefferson	44.2	64.2
30	Johnson Creek	Jefferson	40.0	27.0
33	Mill Creek, Beaver Dam Lake	Columbia, Dodge	45.4	48.2
34	Beaver Dam River	Columbia	58.6	86.1
37	Park Creek	Columbia	72.4	75.2
39	Shaw Brook	Columbia	40.0	27.0
45	Mauneshia River	Columbia	44.8	36.5
51	Crawfish River	Columbia	40.0	37.2
54	Rock River	Columbia, Dodge, Jefferson	43.6	71.5
55	Bark River	Waukesha	65.8	76.6
56	Bark River	Jefferson, Waukesha	40.0	40.9

Reachshed Number (TMDL Subbasin)	Waterbody Name	County	TSS % Reduction from No-controls	TP % Reduction from No-controls
59	Steel Brook, Scuppernong River, Bark River	Jefferson, Walworth, Rock	49.0	66.4
60	Rock River	Jefferson, Rock	40.6	48.2
61	Rock River	Dane, Rock	41.2	31.4
62	Pheasant Branch Creek	Dane	82.0	78.1
63	Spring (Dorn) Creek	Dane	46.6	37.2
64	Yahara River, Lake Mendota, Lake Monona	Dane, Columbia	73.0	61.3
65	Nine Springs Creek	Dane	67.6	62.8
66	Yahara River, Lake Waubesa, Lake Kegonsa	Dane	62.2	54.0
67	Yahara River	Dane	40.0	27.0
68	Yahara River	Dane, Rock	50.8	65.0
69	Yahara River	Dane, Rock	52.6	79.6
70	Rock River	Rock	40.6	27.7
71	Rock River	Rock	58.6	48.2
72	Blackhawk Creek	Rock, Walworth	40.0	27.0
73	Blackhawk Creek	Rock	69.4	64.2
74	Rock River	Rock	52.0	39.4
75	Markham Creek	Rock	51.4	38.0
76	Rock River	Rock	57.4	81.8
78	Bass Creek	Rock	40.0	29.9
79	Rock River	Rock	62.2	66.4
80*	Turtle Creek	Rock, Walworth	55.0	62.8
81	Turtle Creek	Rock, Walworth	44.2	41.6
83	Lake Koshkonong	Dane, Jefferson, Rock	55.0	54.0

Note: *MS4 Reachshed 80 reductions are based on Non-Point Source annual average reductions as TMDL had not assigned a separate MS4 reduction for MS4s in this reach.

Table A2: Lower Fox River Basin and Lower Green Bay TMDL Load Reductions Necessary to Meet TMDL Wasteload Allocations by TMDL Reachshed

Reachshed Name (Subbasin)	County	Subbasin ID	TSS % Reduction from No-controls	TP % Reduction from No-controls
Lower Green Bay	Brown	LFS7 & LFS8	52%	41%
Lower Fox River Main Stem	Brown, Outagamie, Winnebago	LFM	72%	41%
East River	Brown, Calumet	LF01	52%	41%
Baird Creek	Brown	LF01	52%	41%
Bower Creek	Brown	LF01	52%	41%
Dutchman Creek	Brown	LF02	52%	41%
Ashwaubenon Creek	Brown	LF02	52%	41%
Apple Creek	Brown, Outagamie	LF02	52%	41%
Plum Creek	Brown, Calumet	LF03	52%	41%
Kankapot Creek	Calumet, Outagamie	LF03	52%	41%
Garners Creek	Outagamie	LF03	60%	69%
Mud Creek	Outagamie, Winnebago	LF04	43%	48%
Neenah Slough	Winnebago	LF06	52%	41%
Duck Creek	Brown, Outagamie	LF05	52%	41%
Trout Creek	Brown	LF05	52%	41%

Note: % TSS reduction from No Controls = $20 + [0.80 \times (\% \text{ TSS Control Lower Fox TMDL Report})]$

% TP reduction from No Controls = $15 + [0.85 \times (\% \text{ TP Control Lower Fox TMDL Report})]$

Table A3: Lake St. Croix Nutrient TMDL Load Reductions Necessary to Meet TMDL Wasteload Allocations by TMDL Reachshed

Waterbody Name	County	WBIC	MS4 TP % Reduction from No Controls
Lake St. Croix	St. Croix, Pierce	2601500	46.0

Table A4: Red Cedar River (Tainter Lake, Menomin Lake) TMDL Load Reductions Necessary to Meet TMDL Wasteload Allocations by TMDL Reachshed

Waterbody Name	County	WBIC	MS4 TP % Reduction from No Controls*
Tainter Lake	Dunn	2068000	$\frac{Load_{2025\ No\ Controls} - 1700 \frac{lbs}{yr}}{Load_{2025\ No\ Controls}}$
Lake Menomin	Dunn	2065900	39.2

Note: *The TMDL allocations and necessary reduction are calculated using the 2025 projected MS4 build out area. The 2025 area modeled in a No Controls condition compared against the WLA written in the TMDL yields the percent reduction.

Appendix B: MS4 Permittees Subject to Milwaukee River Basin TMDL

B.1 Applicability. In accordance with section 1.5.2.b, this Appendix B applies to permittees subject to a total maximum daily load (TMDL) approved by the United States Environmental Protection Agency (USEPA) that includes the following:

- “Total Maximum Daily Loads for Total Phosphorus, Total Suspended Solids, and Fecal Coliform Milwaukee River Basin, Wisconsin,” approved by USEPA March 2018

Note: If the MS4 area extends into or discharges to other basins with a USEPA approved TMDL, a permittee could be subject to more than one TMDL and thus the requirements under Appendices A and/or C.

B.2 Full TMDL Compliance for Total Suspended Solids (TSS) and Total Phosphorus (TP) WLAs.

B.2.1 USEPA is allowing the Department to evaluate MS4 compliance with TMDL Wasteload Allocations (WLAs) using a percent reduction framework consistent with Wisconsin’s storm water program. For consistency with existing storm water program requirements, TMDL compliance will use the percent reduction basis from the no runoff management controls (no-controls) condition. The percent reduction from no-controls, for TSS and TP for each reachshed, necessary to meet the TMDL WLAs for the USEPA approved TMDLs are listed on Table B1. The no-controls modeling condition means taking no (zero) credit for existing storm water control measures that reduce the discharge of pollutants. Existing practices can then be applied and counted toward meeting the TMDL reductions.

B.2.2 TMDLs may assign a percent reduction for one or more reachsheds for each pollutant of concern (i.e., total suspended solids (TSS) and total phosphorus (TP)). Full TMDL compliance is achieved by the permittee provided all of the following conditions are met:

- By October 31, 2023, the permittee submits the necessary data and documentation to the Department that demonstrates that the permittee meets the percent reductions stipulated in Table B1 for each reachshed that the MS4 discharges to and for each pollutant of concern.
- The documentation submitted by the permittee includes the policies, procedures, and regulatory mechanisms that the permittee will employ to ensure that storm water controls and management measures will continue to be operated and maintained so that their pollutant removal efficiency continues to be met.
- Based upon the data and documentation and any necessary subsequent information requested by the Department, the permittee receives written concurrence from the Department by April 30, 2024, that the permittee has achieved full TMDL compliance.

B.3 Participation in an Approved Adaptive Management Plan for Total Suspended Solids (TSS) and Total Phosphorus (TP) WLAs. In accordance with s. 283.13(7), Wis. Stats., and s. NR 217.18, Wis. Adm. Code, if the permittee chooses to participate in an Adaptive Management project, the permittee shall submit the plan to the Department by March 31, 2022 for approval.

Note: Information on adaptive management is available from the Department's Internet site at: <https://dnr.wi.gov/topic/SurfaceWater/AdaptiveManagement.html>

B.4 TMDL Implementation Plan for Total Suspended Solids (TSS) and Total Phosphorus (TP) WLAs. If the permittee has chosen not to participate in an adaptive management plan as stipulated in section B.3, the permittee shall perform the following activities:

B.4.1 By March 31, 2022, the permittee shall determine if the applicable requirements contained in section B.2.2 will be achieved during the term of this permit. The permittee shall notify the Department which reachsheds and pollutants of concern are not in compliance with the requirements contained in section B.2.2 with the tabular summary created under section B.4.2(b) and develop a TMDL Implementation Plan per section B.4.2(c).

B.4.2 The permittee shall develop and submit the following documentation to meet the requirements stipulated in section B.2.2:

a. By March 31, 2020, an updated storm sewer system map that identifies:

(1) The current municipal boundary. For a permittee that is not a city or village, identify the permitted area.

Note: The permitted area for towns, counties and non-traditional MS4s pertains to the area within an urbanized area or the area served by its storm sewer system, such as a university campus.

(2) The TMDL reachshed boundaries within the municipal boundary, and the area of each TMDL reachshed in acres within the municipal boundary.

(3) The MS4 drainage boundary associated with each TMDL reachshed, and the area in acres of the MS4 drainage boundary associated with each TMDL reachshed.

(4) Identification of areas on a map and the acreage of those areas within the municipal boundary that the permittee believes should be excluded from its analysis to show compliance with the TMDL WLA. In addition, the permittee shall provide an explanation of why these areas should not be its responsibility.

Note: An example of an area within a municipal boundary that may not be subject to a TMDL WLA for the permittee is an area that does not drain through the permittee's MS4.

(5) Flow paths of storm water through the storm sewer system.

(6) The location and associated drainage basin of structural BMPs the MS4 uses for TSS and TP treatment.

b. By March 31, 2022, the permittee shall submit a tabular summary that includes the following for each MS4 drainage boundary associated with each TMDL reachshed as identified under section B.4.2.a(2) and for each pollutant of concern listed in Table B1:

(1) The permittee's percent reduction needed to comply with its TSS and TP WLA from the no-controls modeling condition. The no-controls modeling condition means taking no (zero) credit for storm water control measures that reduce the discharge of pollutants.

Note: This model run is comparable to the no-controls condition modeled for the developed urban area performance standard of s. NR 151.13, Wis. Adm. Code.

(2) The modeled annual average pollutant load without any storm water control measures for each reachshed which the MS4 discharge to.

(3) The modeled MS4 annual average pollutant load with existing and current storm water control measures for each reachshed which the MS4 discharges to.

(4) The percent reduction in pollutant load achieved calculated from the no-controls condition determined under section B.4.2.b(2) and the existing controls condition determined under section B.4.2.b(3).

(5) The existing storm water control measures including the type of measure, area treated in acres, the pollutant load reduction efficiency, and confirmation of the permittee's authority for long-term maintenance of each practice.

c. By March 31, 2022, if the tabular summary required under section B.4.2.b shows that the permittee is not achieving the applicable percent reductions needed to comply with section B.2.2, then the permittee shall submit a written TMDL Implementation Plan to the Department that describes how the permittee will make progress toward achieving compliance. The plan shall include the following information:

(1) Recommendations and options for storm water control measures that will be considered to reduce the discharge of each pollutant of concern. At a minimum, the following shall be evaluated: all post-construction BMPs for which the Department has a technical standard, optimizing or retrofitting all existing public and private storm water control practices, regional practices, optimization or improvements to existing BMPs, incorporation of storm water control for all road reconstruction projects, more restrictive post-construction ordinances, updated development and redevelopment standards.

(2) A proposed schedule for implementation of the alternatives identified under section B.4.2.c(1). The proposed schedule may extend beyond the expiration date of this permit. The schedule should aim to achieve, to the maximum extent practicable, a level of reduction that achieves at least 20% of the remaining reduction needed beyond baseline to achieve full compliance in TSS and a level of reduction that achieves at least 10% of the remaining reduction needed

beyond baseline to achieve full compliance in TP over the next permit term. The reductions can be achieved utilizing an averaged reduction calculated from individual reductions achieved in one or multiple reachsheds and spanning the entire MS4 area impacted by a TMDL.

Note: The reductions stipulated under B.4.2.c(2) are interim compliance targets set as a planning target for the next permit term. Future permit reduction targets may taper off or vary between municipalities based on individual plans as it is expected that municipalities will rely more on reductions obtained through redevelopment.

(3) A cost effectiveness analysis for implementation of the recommendations and options identified under section B.4.2.c(1).

Note: The Department has developed the guidance document “TMDL Guidance for MS4 Permits: Planning, Implementation, and Modeling Guidance.” The guidance is available on the Department’s Internet site:

https://dnr.wi.gov/topic/stormwater/standards/ms4_modeling.html, and is available to assist a permittee with complying with the requirements of section B.4.

Note: Reductions obtained through a permittee’s participation in a water quality trading project, in accordance with s. 283.84, Wis. Stats., and that has been reviewed and approved by the Department, can be counted toward credit in meeting the requirements stipulated under section B.4.2.c(2). Additional information on water quality trading is available from the Department’s Internet site at:

<https://dnr.wi.gov/topic/surfacewater/waterqualitytrading.html>

B.4.3 TMDL Compliance During the Term of This Permit for Total Suspended Solids (TSS) and Total Phosphorus (TP) WLAs. If the permittee has chosen not to participate in an adaptive management plan as stipulated in section B.3, the permittee shall select and implement a minimum of three of the activities listed below, in addition to the planning requirements contained in section B.4.2, by October 31, 2023:

Note: The permittee may optimize deployment of resources between the requirements listed below to maximize reductions for the least cost. In some cases, permittees may already be meeting these requirements.

a. Pursuant to the permittee’s authority under s. 281.33(6)(a)2., Wis. Stats., the permittee shall create or revise and promulgate a municipal storm water management ordinance applicable to redevelopment that requires compliance with post-construction storm water management performance standards that are stricter than the uniform statewide standards established by the Department. When reporting to the Department under section B.6.3, the permittee shall include a justification for the level of pollutant reduction in the ordinance with an assessment of the progress it achieves towards full compliance with the TMDL. The redevelopment TSS reduction may be adjusted to account for other storm water controls measures that may exist. The permittee may also establish TP reduction levels for redevelopment projects.

Note: The permittee may enact an ordinance that is municipal wide, targets individual TMDL reachsheds, or designated areas within the permitted MS4 balancing required TMDL reductions, parcel size, and the impact of other treatment options. Increasing redevelopment reductions is one tool in moving toward TMDL compliance.

b. The permittee shall create or revise a municipal ordinance that requires the development and implementation of a maintenance plan for all privately-owned storm water treatment facilities for which the permittee takes a TSS and/or TP reduction credit. The permittee shall develop and implement procedures and measures to verify and track that the storm water treatment facilities are inspected on a regular schedule and maintained in the intended working condition in accordance with the plans. The permittee shall require that maintenance agreements be recorded with the appropriate property records that obligates the current and future owners to implement the maintenance plans.

c. The permittee shall revise or promulgate a municipal ordinance that requires the submittal of record drawings for which the permittee takes a TSS and/or TP reduction credit. The permittee shall require submittal of the record drawing prior to close-out of the local permit or upon final approval and shall maintain appropriate records and tracking of the plans.

d. If the pollutant of concern is TP, implement, expand, or optimize a municipal leaf collection program coupled with street cleaning to serve areas where municipal leaf collection is not currently provided within the MS4 but for which a phosphorus WLA has been assigned and additional reductions could be achieved.

Note: The Department's "Interim Municipal Phosphorus Reduction Credit for Leaf Management Programs" guidance document includes recommendations on how the permittee's municipal leaf collection program should be designed and implemented. The guidance is available from the Department's Internet site at:
https://dnr.wi.gov/topic/stormwater/standards/ms4_modeling.html

e. Within the MS4 permitted area, the permittee shall inventory the condition of the conveyance systems and outfalls. Where erosion or scour is occurring, the permittee shall develop a schedule to stabilize the identified areas.

f. Install one new structural BMP or enhance one existing structural BMPs to reduce a pollutant of concern discharged via storm water runoff to an impaired waterbody for which a WLA has been assigned to the permittee. The permittee shall develop and implement a maintenance plan for each new structural BMP.

Note: This option can be counted each time the permittee installs or enhances a structural BMP to satisfy the required activities. A permittee could meet the requirement if they solely chose this option and installed or enhanced three BMPs.

g. Permittee shall conduct an analysis of the current municipal street cleaning program, to determine if additional pollutant loading reductions can be achieved. The permittee shall evaluate optimizing sweeping frequency, targeting of critical areas and time

periods, and instituting parking restrictions. If a pollutant reduction can be achieved through optimizing the existing street cleaning program, the permittee shall adopt the optimized program the next calendar year or provide a written explanation to the Department explaining why the optimize street cleaning program is not feasible and provide alternative options to achieve similar pollutant reductions.

Note: The permittee may optimize deployment of resources between the requirements listed above to maximize reductions for the least cost; for example, only increase street sweeping where structural practices do not already exist to treat the runoff for the area.

B.5 TMDL Compliance and Implementation for Bacteria WLAs. This section applies to all permittees with a bacteria WLA specified in the Milwaukee River Basin TMDL Final Report dated March 19, 2018. The permittee shall do all of the following:

B.5.1 As part of its program to address illicit discharges under section 2.3 of this permit, by March 31, 2021, the permittee shall begin to conduct ongoing public education and outreach activities specifically to increase awareness of bacterial pollution problems, potential sources, proper pet waste management, and the impacts of urban wildlife and pests.

B.5.2 In addition to complying with the requirements in section 2.3 of this permit, the permittee shall comply with the following:

a. By March 31, 2022, the permittee shall develop and submit to the Department an inventory of bacteria sources and a map indicating the locations of the potential sources of fecal coliform and *E. coli* entering its MS4. The inventory shall be in a tabular format and include a label code, the name of the source, the physical address or location description of the source, and the ownership of the source (i.e., public or private). The map shall be to scale, identify all municipal streets, and indicate the locations of the sources using the label codes. The permittee shall consider the variation in flow conditions in its identification of potential sources. The inventory and map shall include the following potential sources of bacteria:

- Known or suspected leaking or failing septic systems.
- Sanitary sewer overflow locations.
- Livestock and domesticated animals housed or raised within the MS4 permitted area and discharging to the MS4, but not including household pets.
- Zoos, kennels, animal breeders, pet stores, and dog training facilities.
- Waste hauling, storage, and transfer facilities.
- Areas that attract congregations of nuisance urban birds and wildlife.
- Known or suspected properties with inadequate food or organic waste handling or storage.
- Composting sites or facilities.
- Known or suspected areas with improper human sanitation use.
- Any other source that the permittee or the Department has a reason to believe is discharging bacteria to the MS4.

b. By October 31, 2023, the permittee shall develop and submit to the Department a bacteria source elimination plan. The plan shall consist of a strategy and prioritization

scheme to eliminate each source of bacteria identified under section B.5.2.2. The plan shall include the BMPs to be used, cost estimates, sources of funding, and a schedule to eliminate the sources. BMPs identified in the plan may be structural, non-structural, targeted outreach, and/or additional ordinances, but the plan shall include the rationale for using each BMP, the reason for selected a BMP over another, and the expected outcome from implementing each BMP.

Note: While the TMDL allocations in the Milwaukee River Basin TMDL are expressed only in terms of fecal coliform, both fecal coliform and *E. coli* have been listed as sources of recreational use impairments that the TMDL was completed to address.

B.5.3 By March 31, 2023, the permittee shall adopt local ordinances to address the requirements for proper pet waste management, the restrictions on feeding of urban wildlife that are potential sources of bacteria entering the MS4, the requirements for property owners to cooperate with identifying and eliminating illicit sanitary sewerage cross-connections with the MS4, and the requirements for property owners to address other potential sources of bacteria that may enter the MS4 (e.g., refuse management, pest control).

B.6 Reporting Requirements. For the term of this permit, the permittee shall meet the following reporting requirements:

B.6.1 Compliance Determination Reporting. The permittee shall submit the information requested in this appendix in accordance with the following schedule:

- a. By March 31, 2020, for section B.4.2.a.
- b. By March 31, 2021, for sections B.5.1.
- c. By March 31, 2022, for sections B.4.1, B.4.2.b, and B.5.2.a.
- d. By March 31, 2023, for section B.5.3.
- e. By October 31, 2023, for section B.2.2.a, B.4.3, and B.5.2.b.

B.6.2 Annual Reporting. For requirements outlined under sections B.3, B.4, and B.5 the permittee shall include a description and the status of progress toward implementing the identified actions and activities in their MS4 annual reports due by March 31 of each year.

B.6.3 Final Documentation. By October 31, 2023, the permittee shall submit documentation to the Department to verify that the permittee has completed all actions required under this appendix including submittal of the TMDL Implementation Plan required under section B.4 and documentation that the three activities selected under section B.4.3 have been completed.

Table B1: Milwaukee River Basin TMDL Load Reductions Necessary to Meet TMDL Wasteload Allocations by TMDL Reachshed**Kinnickinnic River Basin:**

Reachshed (TMDL Subbasin)	Waterbody Name	Waterbody Extents	TSS % Reduction from No-controls	TP % Reduction from No-controls
KK-1	Lyons Park Creek	Entire Length	78.4%	68.1%
KK-2	Kinnickinnic River	From Wilson Park Creek to Lyons Park Creek	77.6%	68.1%
KK-3	South 43rd St. Ditch	Entire Length	76.8%	78.7%
KK-4	Edgerton Channel, Wilson Park Creek, Villa Mann Creek	Entire Length	84.0%	89.4%
KK-5	Holmes Avenue Creek	Entire Length	80.0%	78.7%
KK-6	Cherokee Park Creek	Entire Length	77.6%	69.0%
KK-7	Kinnickinnic River	Estuary to Wilson Park Creek	75.2%	45.0%

Menomonee River Basin:

Reachshed (TMDL Subbasin)	Waterbody Name	Waterbody Extents	TSS % Reduction from No-controls	TP % Reduction from No-controls
MN-1	Menomonee River	From Nor-X-Way Channel to Headwaters	66.4%	63.6%
MN-2	Goldendale Creek	Entire Length	63.2%	47.7%
MN-3	West Branch Menomonee River	Entire Length	65.6%	60.1%
MN-4	Willow Creek	Entire Length	64.0%	51.2%
MN-5	Nor-X-Way Channel	Entire Length	70.4%	72.5%
MN-6	Menomonee River and Dretzka Park Creek	From Little Menomonee River to Nor-X-Way Channel	73.6%	69.0%
MN-7	Lilly Creek	Entire Length	70.4%	64.5%
MN-8	Butler Ditch	Entire Length	69.6%	58.3%
MN-9	Little Menomonee River	Entire Length	70.4%	64.5%
MN-10	Menomonee River	From Underwood Creek to Little Menomonee River	67.2%	31.7%
MN-11	Underwood Creek and Dousman Ditch	From South Branch Underwood Creek to Headwaters	72.0%	62.7%

Reachshed (TMDL Subbasin)	Waterbody Name	Waterbody Extents	TSS % Reduction from No-controls	TP % Reduction from No-controls
MN-12	Underwood Creek	From Menomonee River to South Branch Underwood Creek	80.0%	76.1%
MN-13	South Branch Underwood Creek	Entire Length	76.8%	69.8%
MN-14	Menomonee River	From Honey Creek to Underwood Creek	64.8%	49.4%
MN-15	Honey Creek	Entire Length	73.6%	67.2%
MN-16	Menomonee River	From Estuary to Honey Creek	72.0%	49.4%

Milwaukee River Basin:

Reachshed (TMDL Subbasin)	Waterbody Name	Waterbody Extents	TSS % Reduction from No-controls	TP % Reduction from No-controls
MI-1	Upper Milwaukee River	From Campbellsport to Headwaters	**	**
MI-2	Upper Milwaukee River	From Kewaskum To Campbellsport and Auburn	73.6%	71.6%
MI-3	West Branch Milwaukee River	Entire Length	77.6%	48.6%
MI-4	Kewaskum Creek	Entire Length	76.8%	55.7%
MI-5	Watercress Creek and East Branch Milwaukee River	Entire Length	73.6%	51.2%
MI-6	Quass Creek and Milwaukee River	Near West Bend	73.6%	86.7%
MI-7	Myra Creek and Milwaukee River	From North Branch Milwaukee River to West Bend	79.2%	67.2%
MI-8	North Branch Milwaukee River	from Adell Tributary to Headwaters	**	**
MI-9	Adell Tributary	Entire Length	**	**
MI-10	Chambers Creek, Batabia Creek, and North Branch Milwaukee River	Near Sherman	**	**
MI-11	Melius Creek	Entire Length	**	**
MI-12	Mink Creek	Entire Length	**	**

Reachshed (TMDL Subbasin)	Waterbody Name	Waterbody Extents	TSS % Reduction from No-controls	TP % Reduction from No-controls
MI-13	Stony Creek, Wallace Creek, and North Branch Milwaukee River	Near Farmington	74.4%	46.8%
MI-14	Silver Creek	Entire Length	**	**
MI-15	Milwaukee River	Near Fredonia	**	**
MI-16	Milwaukee River	Near Saukville	75.2%	77.8%
MI-17	Milwaukee River	From Cedar Creek to Saukville	76.0%	83.1%
MI-18	Cedar Creek	From Jackson Creek to Headwaters	76.8%	71.6%
MI-19	Lehner Creek	Entire Length	77.6%	61.0%
MI-20	Jackson Creek	Entire Length	80.8%	77.8%
MI-21	Little Cedar Creek	Entire Length	80.8%	77.8%
MI-22	Cedar Creek	Near Jackson	76.8%	54.8%
MI-23	Evergreen Creek	Near Jackson	79.2%	53.0%
MI-24	North Branch Cedar Creek and Cedar Creek	From Milwaukee River to Myra Creek	73.6%	79.6%
MI-25	Milwaukee River	From Pigeon Creek to Cedar Creek	81.6%	43.2%
MI-26	Pigeon Creek	Entire Length	90.4%	88.5%
MI-27	Milwaukee River	From Lincoln Creek to Pigeon Creek	72.8%	53.9%
MI-28	Beaver Creek	Entire Length	72.8%	88.5%
MI-29	South Branch Creek	Entire Length	71.2%	87.6%
MI-30	Indian Creek	Entire Length	65.6%	76.1%
MI-31	Lincoln Creek	Entire Length	71.2%	85.8%
MI-32	Milwaukee River	From Estuary to Lincoln Creek	58.4%	23.7%

Note: **The TMDL did not assign a percent reduction for these reachsheds because modeling indicated that there is no direct MS4 discharge to this subbasin. If more detailed analysis conducted by the permittee indicates the presence of an MS4 discharge, contact your DNR storm water engineer or specialist for more information on how best to proceed.

Appendix C: MS4 Permittees Subject to the Wisconsin River Basin TMDL or a TMDL Approved After May 1, 2019

C.1 Applicability. In accordance with section 1.5.2.c, this Appendix C applies to permittees subject to a total maximum daily load (TMDL) approved by the United States Environmental Protection Agency (USEPA) that includes the following:

- “Total Maximum Daily Loads for Total Phosphorus in the Wisconsin River Basin,” approved by USEPA April 2019

Note: The Wisconsin River Basin TMDL has two sets of allocations. Table J-4 of Appendix J of the TMDL report lists the allocations and corresponding percent reductions based on current water quality criteria and Table K-4 of Appendix K of the TMDL report lists the allocations and corresponding percent reductions based on recommended site-specific criteria. Both tables provide the percent reductions measured from no-controls and the TMDL baseline. Under this permit term, the allocations listed in Appendix J of the TMDL report apply. If the recommended site-specific criteria are approved by USEPA, the allocations and percent reductions listed in Appendix K of the TMDL report will become applicable. However, permittees may use the allocations from either Appendix J or Appendix K of the TMDL report for planning purposes under sections C.3 and C.4 below.

- A TMDL approved by the USEPA on or after May 1, 2019

Note: If the MS4 area extends into or discharges to other basins with a USEPA approved TMDL, a permittee could be subject to more than one TMDL and thus the requirements under Appendices A and/or B.

C.2 Full TMDL Compliance.

C.2.1 USEPA is allowing the Department to evaluate MS4 compliance with TMDL Wasteload Allocations (WLA) using a percent reduction framework consistent with Wisconsin’s storm water program. For consistency with existing storm water program requirements, TMDL compliance will use the percent reduction measured from the no runoff management controls (no-controls) condition. The percent reduction from no-controls, for each pollutant of concern and reachshed, necessary to meet the TMDL WLAs for the USEPA approved TMDLs are listed in the approved TMDLs. The no-controls modeling condition means taking no (zero) credit for existing storm water control measures that reduce the discharge of pollutants. Existing practices can then be applied and counted toward meeting the TMDL reduction reductions.

C.2.2 TMDLs may assign a percent reduction for one or more reachsheds for each pollutant of concern (i.e., total suspended solids (TSS) and total phosphorus (TP)). Full TMDL compliance is achieved by the permittee provided all of the following conditions are met:

- a. The permittee submits the necessary data and documentation to the Department that demonstrates that the permittee meets the percent reductions stipulated in the USEPA approved TMDL for each reachshed that the MS4 discharges to and for each pollutant of concern.

b. The documentation submitted by the permittee includes the policies, procedures, and regulatory mechanisms that the permittee will employ to ensure that storm water controls and management measures will continue to be operated and maintained so that their pollutant removal efficiency continues to be met.

c. Based upon the data and documentation and any necessary subsequent information requested by the Department, the permittee receives written concurrence from the Department that the permittee has achieved full TMDL compliance.

C.3 Participation in an approved Adaptive Management Plan. In accordance with s. 283.13(7), Wis. Stats., and s. NR 217.18, Wis. Adm. Code, if the permittee has chosen to participate in an Adaptive Management project that has been approved by the Department the permittee shall continue to participate in the implementation of the Adaptive Management project.

Note: Information on adaptive management is available from the Department's Internet site at: <https://dnr.wi.gov/topic/SurfaceWater/AdaptiveManagement.html>

C.4 TMDL Implementation Plan. If the permittee is not participating in a Department approved adaptive management plan as stipulated in section C.3, a permittee with MS4s discharging to TMDL reachsheds shall do all the following to demonstrate progress towards achieving the TMDL reductions stipulated in section C.2.2 and shall submit the following documentation:

C.4.1 Within 36 months of the approval date of the TMDL, an updated storm sewer system map that identifies:

a. The current municipal boundary. For a permittee that is not a city or village, identify the permitted area.

Note: The permitted area for towns, counties and non-traditional MS4s pertains to the area within an urbanized area or the area served by its storm sewer system, such as a university campus.

b. The TMDL reachshed boundaries within the municipal boundary, and the area of each TMDL reachshed in acres within the municipal boundary.

c. The MS4 drainage boundary associated with each TMDL reachshed, and the area in acres of the MS4 drainage boundary associated with each TMDL reachshed.

d. Identification of areas on a map and the acreage of those areas within the municipal boundary that the permittee believes should be excluded from its analysis to show compliance with the TMDL WLA. In addition, the permittee shall provide an explanation of why these areas should not be its responsibility.

Note: An example of an area within a municipal boundary that may not be subject to a TMDL WLA for the permittee is an area that does not drain through the permittee's MS4.

- e. Flow paths of storm water through the storm sewer system.
- f. The location and associated drainage basin of structural BMPs the MS4 uses for TSS and TP treatment.

C.4.2 Within 36 months of the approval date of the TMDL, the permittee shall submit a tabular summary that includes the following for each MS4 drainage boundary associated with each TMDL reachshed as identified under section C.4.1 and for each TMDL WLA:

- a. The permittee's percent reduction needed to comply with its TMDL WLA from the no-controls modeling condition. The no-controls modeling condition means taking no (zero) credit for storm water control measures that reduce the discharge of pollutants.
- b. The modeled annual average pollutant load without any storm water control measures for each subbasin which the MS4 discharges to as previously identified in section C.4.1.
- c. The modeled annual average pollutant load with existing storm water control measures for each subbasin with the MS4 discharges to as previously identified in section C.4.1.
- d. The percent reduction in pollutant load achieved from the no-controls condition and the existing controls condition.
- e. The existing storm water control measures including the type of measure, area treated in acres, the pollutant load reduction efficiency, and documentation of the permittee's authority for long-term maintenance of each practice.
- f. If applicable, the remaining pollutant load reduction for each pollutant of concern and reachshed to meet the TMDL reduction goals.

C.4.3 Within 48 months of the approval date of the TMDL, if the tabular summary required under section C.4.2 shows that the permittee is not achieving the applicable percent reductions needed to comply with its TMDL WLA for each TMDL reachshed, then the permittee shall submit a written TMDL Implementation Plan to the Department that describes how the permittee will make progress toward achieving compliance with the TMDL WLA. The plan shall include the following information:

- a. Recommendations and options for storm water control measures that will be considered to reduce the discharge of each pollutant of concern. At a minimum, the following shall be evaluated: all post-construction BMPs for which the Department has a technical standard, optimizing or retrofitting all existing public and private storm water control practices, regional practices, optimization or improvements to existing BMPs, incorporation of storm water control for all road reconstruction projects, more restrictive post-construction ordinances, updated development and redevelopment standards. Focus should be placed on those areas identified in section C.4.2 without any controls.

b. A proposed schedule for implementation of the alternatives identified under section C.4.3.a. The proposed schedule may extend beyond the expiration date of this permit. The schedule should aim to achieve, to the maximum extent practicable, a level of reduction that achieves at least 20% of the remaining reduction needed beyond baseline to achieve full compliance in TSS and a level of reduction that achieves at least 10% of the remaining reduction needed beyond baseline to achieve full compliance in TP over the next permit term. The reductions can be achieved utilizing an averaged reduction calculated from individual reductions achieved in one or multiple reachsheds and spanning the entire MS4 area impacted by a TMDL.

Note: The reductions stipulated under C.4.3.b are interim compliance targets set as a planning target for the next permit term. Future permit reduction targets may taper off or vary between municipalities based on individual plans as it is expected that municipalities will rely more on reductions obtained through redevelopment. In many some cases, reductions that occur through redevelopment activities as outlined in section C.4.3.d may provide the most economical and practical method toward eventually achieving the reduction goals.

c. A cost effectiveness analysis for implementation of the recommendations and options identified under section C.4.3.a.

Note: The Department has developed the guidance document “TMDL Guidance for MS4 Permits: Planning, Implementation, and Modeling Guidance.” The guidance is available on the Department’s Internet site: https://dnr.wi.gov/topic/stormwater/standards/ms4_modeling.html, and is available to assist a permittee with complying with the requirements of section C.4.

Note: Reductions obtained through a permittee’s participation in a water quality trading project, in accordance with s. 283.84, Wis. Stats., and that has been reviewed and approved by the Department, can be counted toward credit in meeting the requirements stipulated under section C.2.2. Additional information on water quality trading is available from the Department’s Internet site at: <https://dnr.wi.gov/topic/surfacewater/waterqualitytrading.html>

C.5 Annual Reporting. For requirements outlined under sections C.3 and C.4 the permittee shall include a description and the status of progress toward implementing the identified actions and activities in their MS4 annual reports due by March 31 of each year.

Attachment II

LCFM 7/27/21

X - Mandatory
(X) - Discretionary to Augment
County Activities

SUMMARY OF CORE RESPONSIBILITIES OF COOPERATING MUNICIPALITIES
AND AGENCIES UNDER THE JOINT PERMIT AND ASSOCIATED
STORMWATER MANAGEMENT PROGRAM

PROGRAM AREA AND ACTIVITY	COUNTY			MUNICIPALITIES			
	Planning & Zoning	LCFM	Highway	Lake Hallie	Anson	Eagle Point	Lafayette
2.1 Public Education and Outreach		X					
2.1.1 Topics		X		(X)	(X)	(X)	(X)
2.1.2 Delivery Mechanism		X		(X)	(X)	(X)	(X)
2.1.3 Target Audience		X		(X)	(X)	(X)	(X)
2.2 Public Involvement & Participation							
2.2.1 Permit Activities		X		(X)	(X)	(X)	(X)
2.2.2 Delivery Mechanism		X		(X)	(X)	(X)	(X)
2.2.3 Volunteer Activities		X		(X)	(X)	(X)	(X)
2.2.4 Target Participants		X		(X)	(X)	(X)	(X)
2.3 Illicit Discharge Detection & Elimination							
2.3.1 IDDE Ordinance	X						X
2.3.2 IDDE Field Screening		X					
2.3.3 IDDE Source Investigation & Elimination		X					
2.3.4 Remove Known Illicit Discharges From MS4 System	X			X	X	X	X
2.3.5 In Case of Interconnected MS4s, Permitted Shall Notify Appropriate Municipality if Illicit Discharge Originated from Permitt's Permitted Area or has Been Tracked Upstream to Interconnected Point		X		X	X	X	X
2.3.6 Name, Title, & Phone Number of Individuals Responsible for Responding to Reports Included in Response Procedure		X		X	X	X	X
2.4 Construction Site Pollutant Control							
2.4.1 Construction Site Ordinance	X	X					
2.4.2 Erosion & Sediment Control Plan Review		X					
2.4.3 Administrative Procedures		X					
2.4.4 Construction Site Inspections & Enforcement	X	X					
2.5 Post-Construction Storm Water Management							
2.5.1 Post-Construction Storm Water Ordinance	X	X		X	X	X	X
2.5.2 Administrative Procedures		X					
2.5.3 Storm Water Management Plan Review		X					
2.5.4 Long-Term Maintenance, Inspections, & Enforcement	X	X		X	X	X	X
2.6 Pollution Prevention							
2.6.1 Storm Water Management Facilities			X	X	X	X	X
2.6.2 Maintenance Plan			X	X	X	X	X
2.6.3 Municipally Owned Public Works Facilities			X	X	X	X	X
2.6.4 Source Water Protection Areas			X	X	X	X	X
2.6.5 Collection Services/Storm Sewer System Maintenance Activities			X	X	X	X	X
2.6.6 Winter Road Management			X	X	X	X	X
2.6.7 Nutrient Management			X	X	X	X	X
2.6.8 Environmentally Sensitive Development			X	X	X	X	X
2.6.9 Internal Training & Education		X	X	X	X	X	X
2.7 Storm Water Quality Management							
2.7.1 Implement & Maintain all Storm Water Management Practices			X	X	X	X	X
2.8 Storm Sewer System Map							
2.8.1 Identify Waters of the State		X					
2.8.2 Identify Known Wetlands, Endangered, Threatened Resources, & Historical Property		X					
2.8.3 Identify All Known MS4 Outfalls		X					
2.8.4 Location of Any Known MS4 Discharge		X					
2.8.5 Location of Municipally Owned or Operated Structural Storm Water Management Facilities		X					
2.8.6 Identification of Publically Owned Parks, Recreational Areas, & Other Open Lands		X					
2.8.7 Location of Municipal Garages, Storage Areas, & Other Public Works Facilities		X					
2.8.8 Identification of Streets		X					
2.9 Annual Report							
2.9.1 Status of Implementing Permit Requirements		X					
2.9.2 Fiscal Analysis for Reporting Year & Budget for Next Year		X			X	X	X
2.9.3 Summary of Number & Nature of Inspections & Enforcement Actions		X		X	X	X	X
2.9.4 Identification of Any Know Water Quality Improvements or Degradation		X		X	X	X	X
2.9.5 Evaluation of Program Compliance		X		X	X	X	X
2.9.6 Notice that Permittee is Relying on Another Municipality to Satisfy Permit Requirements, if Applicable.		X		X	X	X	X
2.9.7 Representative of Permittee Shall Sign & Certify Annual Report		X		X	X	X	X
2.9.8 Annual Report & Required Reports Submitted Electronically		X					
2.10 Cooperation							
2.10.1 Municipality or Entity Implements Required Control Measure or Permit Requirement	X	X		X	X	X	X
2.10.2 Particular Control Measure is at Least as Stringent as Corresponding Permit Requirements	X	X		X	X	X	X
2.10.3 Other Municipality or Entity Agrees to Implement Control Measure or Permit Requirement on the Permitt's Behalf.	X	X		X	X	X	X
2.11 Amendments		X		X	X	X	X
2.12 Reapplication for Permit Coverage		X		X	X	X	X