DATE: May 10, 2019

TO: Board of Water and Soil Resources' Members, Advisors, and Staff

FROM: John Jaschke, Executive Director

SUBJECT: BWSR Board Meeting Notice – May 22, 2019

The Board of Water and Soil Resources (BWSR) will meet on Wednesday, May 22, 2019, beginning at 9:00 a.m. The meeting will be held in the 2nd floor conference rooms 200/201, at 520 Lafayette Road North, Saint Paul, MN. Parking is available in the lot directly in front of the building (see hooded parking area).

The following information pertains to agenda items:

NEW BUSINESS

1. Minnesota Office for Soil Health (MOSH) Kickoff/Status Report – The Minnesota Office for Soil Health (MOSH) was established in 2017 by the Minnesota Board of Water and Soil Resources (BWSR) and the University of Minnesota's Water Resources Center (WRC). The office is committed to expanding the science of soil health and sharing practical information with farmers, conservationists, and others who manage our state's soils. This new partnership with the University of Minnesota will deliver applied research and technology to on-farm practices to assure that one of Minnesota's critical natural assets, its soil, is well-managed for generations to come. Soil health is a foundation for both water quality and agricultural production and can be enhanced by innovative soil management practices that result in economic and environmental benefits. A recent stakeholders/kickoff event was held at the University. Ann Lewandowski, MOSH Coordinator, UMN Water Resources Center, <u>alewand@umn.edu</u>, and Anna Cates, MN State Soil Health Specialist, UMN Dept. of Soil, Water, and Climate, <u>cates@umn.edu</u> will provide a report on the event and outline the future plans and projects the MOSH is anticipating. *INFORMATION ITEM*

COMMITTEE RECOMMENDATIONS

Northern Committee

 Bois de Sioux Watershed District and Upper Minnesota River Watershed District Boundary Change Petition – BWSR received a petition from the Bois de Sioux Watershed District (BdSWD) and Upper Minnesota River Watershed District (UMRWD) to change their shared boundaries. The proposed boundary change, encompassing approximately 1,000 acres of land on 25 parcels, would achieve a more accurate alignment between the hydrologic and legal boundaries of the BdSWD and the UMRWD. The Northern Region Committee recommended approval by the full BWSR Board. *DECISION ITEM*

Central Region Committee

1. Sherburne Soil and Water Conservation District Change in Location of Office Headquarters – The Sherburne Soil and Water Conservation District Board of Supervisors filed a resolution with the Board to change the location of their principal office headquarters. Pursuant with statute, BWSR must act on the change of office location. The Central Region Committee met on May 2, 2019 to review this request and

Bemidji	Brainerd	Detroit Lakes	Duluth	Mankato	Marshall	New Ulm	Rochester	St. Cloud	St. Paul
	St. F	Paul Office	520 Lafayette	Road North	St. Paul, MN	55155	Phone: (651) 2	296-3767	
		www.bw	sr.state.mn.us	TTY: (800)	627-3529	An equal opport	unity employer		

voted to recommend the change of office headquarters location be approved per the attached draft resolution. *DECISION ITEM*

2. Upper Rum River Watershed Management Organization Watershed Management Plan 2019-2028 – The Upper Rum River Watershed Management Organization (URRWMO) was originally established on June 18, 1991 through a Joint Powers Agreement (JPA) between the Cities of Bethel, East Bethel, Ham Lake, Nowthen (formally Town of Burns), Oak Grove, and St. Francis. The JPA was amended in 1997 and again in 2011. The URRWMO encompasses approximately 127.2 sq. miles within the northwestern corner of Anoka County, Minnesota. Their third generation plan was completed in 2007 and expired April 25, 2017. In this fourth generation plan, the URRWMO efforts are now shifting from a primary activity of monitoring to supporting the implementation of projects within the watershed to improve water quality of identified priority resources. The Central Regional Committee met on May 2, 2019 to discuss the Plan and recommends approval of the Plan with a required five (5) year plan amendment per the attached draft Order. *DECISION ITEM*

Administrative Advisory Committee

1. **Review of Legislative Outcomes** – Overview of legislative outcomes pending adjournment of 2019 legislative session. *INFORMATION ITEM*

If you have any questions regarding the agenda, please feel free to call me at (651) 296-0878. The Board meeting will adjourn at approximately 12:30 p.m. We look forward to seeing you on May 22nd.

BOARD OF WATER AND SOIL RESOURCES 520 LAFAYETTE RD N CONFERENCE ROOMS 200/201 – 2ND FLOOR ST PAUL, MN 55155 WEDNESDAY, MAY 22, 2019

PRELIMINARY AGENDA

9:00 AM CALL MEETING TO ORDER

PLEDGE OF ALLEGIANCE

ADOPTION OF AGENDA

MINUTES OF MARCH 27, 2019 BOARD MEETING

PUBLIC ACCESS FORUM (10-minute agenda time, two-minute limit/person)

INTRODUCTION OF NEW STAFF

• Amie Wunderlich, Compliance Coordinator

REPORTS

- Chair & Administrative Advisory Committee Gerald Van Amburg
- Audit & Oversight Committee Gerald Van Amburg
- Executive Director John Jaschke
- Dispute Resolution Committee Travis Germundson/Gerald Van Amburg
- Grants Program & Policy Committee Steve Sunderland
- RIM Reserve Committee Tom Loveall
- Water Management & Strategic Planning Committee Jack Ditmore
- Wetland Conservation Committee Tom Schulz
- Buffers, Soils & Drainage Committee Kathryn Kelly
- Drainage Work Group Tom Loveall/Al Kean

AGENCY REPORTS

- Minnesota Department of Agriculture Thom Petersen
- Minnesota Department of Health Chris Elvrum
- Minnesota Department of Natural Resources Sarah Strommen
- Minnesota Extension Service Joel Larson
- Minnesota Pollution Control Agency Glenn Skuta

ADVISORY COMMENTS

- Association of Minnesota Counties Brian Martinson
- Minnesota Association of Conservation District Employees Chessa Frahm
- Minnesota Association of Soil & Water Conservation Districts LeAnn Buck
- Minnesota Association of Townships Nathan Redalen

- Minnesota Association of Watershed Districts Emily Javens
- Natural Resources Conservation Service Troy Daniell

NEW BUSINESS

1. Minnesota Office for Soil Health (MOSH) Kickoff/Status Report – Anna Cates & Ann Lewandowski, University of Minnesota – **INFORMATION ITEM**

COMMITTEE RECOMMENDATIONS

Northern Region Committee

1. Bois de Sioux Watershed District and Upper Minnesota River Watershed District Boundary Change Petition – Pete Waller – *DECISION ITEM*

Central Region Committee

- 1. Sherburne Soil and Water Conservation District Change in Location of Principal Office Headquarters Kevin Bigalke **DECISION ITEM**
- 2. Upper Rum River Watershed Management Organization Watershed Management Plan 2019-2028 – Dan Fabian – **DECISION ITEM**

Administrative Advisory Committee

1. Review of Legislative Outcomes – Angie Becker-Kudelka – *INFORMATION ITEM*

UPCOMING MEETINGS

- BWSR Grants Program & Policy Committee Meeting, June 5, 2019. Location: Marketplace Mall, 110 Second Street S, Suite 307, Room 113, Waite Park
- BWSR Grants Program & Policy Committee and Water Management & Strategic Planning Committee Joint Meeting, June 25, 2019. Location: BWSR, 520 Lafayette Road, Conference Room 100, St. Paul
- BWSR Board Meeting, June 26, 2019. Location: BWSR, 520 Lafayette Road, Lower Level Conference Rooms, St. Paul

ADJOURN

BOARD OF WATER AND SOIL RESOURCES CAPITOL REGION WATERSHED DISTRICT MISSISSIPPI RIVER ROOMS A & B ST. PAUL, MINNESOTA 55104 WEDNESDAY, MARCH 27, 2019

BOARD MEMBERS PRESENT:

Jill Crafton, Jack Ditmore, Kathryn Kelly, Sarah Strommen, DNR; Tom Loveall, Nathan Redalen, Tom Schulz, Susan Stokes, MDA; Steve Sunderland, Gerald Van Amburg, Harvey Kruger, Paige Winebarger, Joel Larson, University of Minnesota Extension; Duane Willenbring, Chris Elvrum, MDH; Neil Peterson, Glenn Skuta, MPCA

BOARD MEMBERS ABSENT:

Joe Collins, Rich Sve

STAFF PRESENT:

John Jaschke, Kari Keating, Cari Pagel, Ryan Hughes, Doug Thomas, Dave Weirens, Tim Smith, Jenny Gieseke, Melissa Wenzel, Julie Westerlund

OTHERS PRESENT:

Emily Javens, MAWD Troy Daniell, NRCS Brian Martinson, AMC Eric Alms, MPCA

Chair Gerald Van Amburg called the meeting to order at 9:06 AM

PLEDGE OF ALLEGIANCE

- ADOPTION OF AGENDA Moved by Tom Schulz, seconded by Jill Crafton, to adopt the agenda as
 presented. *Motion passed on a voice vote*.
- MINUTES OF January 23, 2019 BOARD MEETING Moved by Duane Willenbring, seconded by Nathan
 Redalen, to approve the minutes of January 23, 2019, as circulated. *Motion passed on a voice vote.*

PUBLIC ACCESS FORUM

There were no comments.

INTRODUCTION OF NEW STAFF

Melissa Wenzel, Technical Training and Certification Program Coordinator was introduced by Jenny Gieseke. Chair Van Amburg and the board welcomed Melissa to BWSR!

REPORTS

Chair & Administrative Advisory Committee – Chair Gerald Van Amburg reported that the Administrative Advisory Committee did not meet. He reported that he attended an EQB public meeting in Red Wing, where the EQB was seeking input on a GEIS for the karst (SE MN) region. There are concerns about nitrogen in groundwater due to the area's geology. There were mixed responses on whether a GEIS should be done because of the length of time it would take to do the study. He also reported that he attended the Red River Water Management Board Conference. DNR issued a permit for diversion in the Red River Valley with a period of time that anyone can contest the permit. The Buffalo-Red River WD has contested the permit.

Chair Van Amburg discussed Executive Director John Jaschke's performance review and asked the board to look the review over and understand that the responses were compiled in the review and reminded members that they are anonymous and confidential. He pointed out that one person used the scale backwards as noted by HR staff. Paige Winebarger questioned whether BWSR would have any input on the issue of a possible GEIS in the southeast region and could the board get an update on what the other state agencies are doing for nitrogen management.

Audit and Oversight Committee – Chair Gerald Van Amburg reported that they have not met.

Executive Director's Report - John Jaschke recognized Doug Thomas and his upcoming retirement. He pointed out the staff changes that have happened and are happening. He walked the board through the folder contents. John talked about BWSR's new website under construction. He also provided some legislative highlights.

Dispute Resolution Committee – John Jaschke provided an update to the board. There is currently one appeal being processed.

Grants Program & Policy Committee - Steve Sunderland reported that the committee met via phone to discuss the One Watershed One Plan RFP which will be discussed later in the meeting.

RIM Reserve Committee – Tom Loveall reported that the committee will meet immediately following the board meeting.

Water Management & Strategic Planning Committee - Jack Ditmore reported that the committee has not met.

Wetland Conservation Committee - Tom Schulz reported that the committee met on March 7th to discuss three board orders that will be discussed later in the meeting. The committee also talked about the Clean Water Act Section 404 Assumption Update. There are two bills, one in the House and one in the Senate, which would give BWSR a general fund appropriation to develop draft agreements.

The committee was also updated on the In-Lieu Fee Wetland Replacement approach, which has the potential to alleviate some of the uncertainty regarding the Local Government Roads Wetland Replacement Program. Staff has undertaken a procedure that would prioritize wetland replacement areas within each major watershed of the respective bank service area. It is believed that this procedure would be helpful in prioritizing wetland replacements in One Watershed One Plans as well and could easily be expanded to all bank service areas throughout the state.

Buffers, Soils & Drainage Committee - Kathryn Kelly reported that the committee has not met.

Drainage Work Group (DWG) - Al Kean reported that the group has not met. However, two Drainage Work Group recommendation bills have progressed in the legislature.

AGENCY REPORTS

Minnesota Department of Agriculture – Susan Stokes reported that the Department of Agriculture would be happy to come and talk to the Board about the Ground Water Protection Act rule. She reported that the department has been involved in some listening sessions around the state, and have found that trust in state agencies is a concern for farmers. She gave a status report on the Clean Water Fund bill and where it is at in the legislature.

Minnesota Department of Health – Chris Elvrum reported that there was a press release sent out dealing with the spring flooding. So far there have not been any serious issues.

Minnesota Department of Natural Resources – Sarah Strommen reported that most of the agency commissioners have been out and about around the state to talk to citizens. The governor's budget includes: General Funds for the Public Waters Program and money for chronic wasting disease. The budget also include some new fees and service charges. DNR is celebrating 10 years of the "I can..." initiative at the Capitol Rotunda.

Minnesota Extension Service – Joel Larson reported that the Water Resource Center has hired two new employees and described what they will be doing. He mentioned an April 16th event to highlight the Minnesota Office for Soil Health.

Minnesota Pollution Control Agency – Glenn Skuta reported that this year's Red River conference was the best so far. The Great Lake Aquarium has opened the "We are Water" exhibit. Katrina Kessler is taking a new position as Assistant Commissioner. MPCA is also creating a new position in the Commissioner's office to work on outreach.

ADVISORY COMMENTS

Minnesota Association of Conservation District Employees – John Jaschke reported that MACDE was not present, but that Chessa Frahm sent an email of what they have been up to since December.

Minnesota Association of Townships – Nathan Redalen reported that they have hired a staff person. Spring short courses are scheduled to inform members.

Minnesota Association of Watershed Districts – Emily Javens reported that they are busy at the Capitol following bills. MAWD's summer tour will be in Moorhead on June 26-28th.

Natural Resources Conservation Services – Report in new business.

NEW BUSINESS

Natural Resources Conservation Service (NRCS) Update and presentation of the NRCS Minnesota 2018 Annual Report

Troy Daniell, Minnesota's NRCS State Conservationist for Minnesota, provided an update from NRCS and highlighted the Minnesota 2018 Annual Report for the board. Troy joined the Minnesota office of NRCS last year.

Troy Daniell reported that he thought the Red River conference was overall positive. He reported that NRCS's number one goal is customer service. Two main reasons for his being here is delivering programs and technical services. Troy Daniell reported that there will be no loss of conservation programs in this new Farm Bill and some improvements to the Regional Conservation Partnership Program.

Chair Van Amburg recessed the meeting at 10:35am. He called the meeting back to order at 10:55am.

COMMITTEE RECOMMENDATIONS

Wetlands Committee-change to agenda

Authorizing Development of a Transition Plan for the Minnesota Wetland Delineator Certification Program (WDCP)

Since 2005, the University of Minnesota (UM) has managed the Wetland Delineator Certification Program (WDCP). Since then, more than 2,600 individuals have participated in courses related to wetland delineation and over 400 individuals have been certified. Recent discussions between BWSR staff the UM has resulted in a proposal to shift program management from the UM to BWSR. The Board's Wetland Conservation Committee has reviewed WDCP program information and recommend directing staff to work with the UM to develop a plan to transition WDCP management from the UM to BWSR for future Board consideration. Dave Weirens summarized the background information, reasons for considering change, and elements to be included in such a transition plan.

Joel Larson reported that the U of M has been working in partnership with BWSR for a while and what they have come to realize is there have been some changes over the years from where it started. Dave Weirens reported that the science and methodology of wetland delineation as well as the academic preparedness of wetland professionals has changed considerably since 2002. This has created the need to adapt and evolve the WDCP to continue to make it relevant and useful for the implementation of WCA and other wetland regulatory programs in the state.

Moved by Tom Schulz, seconded by Kathryn Kelly, to approve the Development of a Transition Plan for
 the Minnesota Wetland Delineator Certification Program (WDCP). *Motion passed on a voice vote.*

Joel Larson left the meeting.

Northern Region Committee

Leech Lake River Watershed Comprehensive Watershed Management

The Leech Lake River Watershed Comprehensive Watershed Management Plan (Plan) area includes the Leech Lake River 8-Digit Hydrologic Unit. The planning area contains portions of Cass, Hubbard, and Beltrami counties in North Central MN. This Plan was developed as part of the One Watershed, One Plan program. Julie Kingsley (Hubbard SWCD), Kelly Condiff and John Ringle (Cass Environmental Services Department and SWCD) are the local lead staff responsible for development of the Plan.

On February 20, 2019, BWSR received the Plan, a record of the public hearings, and copies of all written comments pertaining to the Plan for final State review pursuant to Board Resolution #14-46. The Planning Partnership has responded to all comments received and incorporated appropriate revisions to the final Plan. The State agencies recommended that BWSR approve the Plan as submitted.

BWSR staff completed its review and subsequently found the Plan meets the requirements of Minnesota Statutes and BWSR Policy.

Tom Schulz stated that on March 6, 2019, the Northern Regional Committee (Committee) met to review and discuss the Plan. The Committee's decision was to recommend approval of the Leech Lake River Watershed Comprehensive Watershed Management Plan to the full Board per the attached draft Order.

Ryan Hughes brought to attention a typo in the board order, which will be corrected.

** Moved by Tom Schulz, seconded by Neil Peterson, to approve the Leech Lake River Watershed
 19-13 Comprehensive Watershed Management Plan. *Motion passed on a roll call vote*.

Grants Program and Policy Committee

2019 Request for Proposals for One Watershed, One Plan Planning Grants

Julie Westerlund presented the 2019 Request for Proposals for One Watershed, One Plan Planning Grants. Relative to the 2018 RFP, the timeline for responses was shortened from 12 to 10 weeks and one item was added in the proposal section (item #2 on page 3). Otherwise, the proposal elements and selection criteria remain unchanged.

Julie Westerlund reported that there will be funding recommendations, based on responses to the RFP, coming to the board in August.

** Moved by Kathryn Kelly, seconded by Jill Crafton, to approve the 2019 Request for Proposals for One
 ¹⁹⁻¹⁴ Watershed, One Plan Planning Grants. *Motion passed on a voice vote*.

Central Region Committee

Kanabec County Comprehensive Local Water Management Plan Update Doug Thomas presented the Kanabec County plan update.

The Kanabec County Local Water Management Plan was previously approved by the Board on August 23, 2007. The Kanabec County Priority Concerns Scoping Document was affirmed by the board on March 22, 2017. The County submitted the final plan to the board for review on December 12, 2018 along with all required materials. The responding state agencies indicated support for approving the plan as submitted. The Central Region Committee heard this agenda item on March 14 and recommended it for approval to the full board.

The county is actively engaged in moving into a One Watershed One Plan. Jack Ditmore brought up that at the committee level there was talk about an amendment to review after 5 years. It was not mentioned in this board order. After discussion a friendly amendment to the motion was accepted to require a five year plan update. The order was amended to add this provision prior to Chair signature.

** Moved by Paige Winebarger, seconded by Duane Redalen, to approve the Kanabec County
 19-15 Comprehensive Local Water Management Plan Update. *Motion passed on a voice vote*.

Meeker Soil and Water Conservation District Change in Location of Principal Office Headquarters Doug Thomas presented the Meeker SWCD change in location agenda item.

On February 5, 2019, the Meeker SWCD Board of Supervisors passed a resolution approving the district's change of principal office location to 522 Johnson Drive, Litchfield, MN from 916 East St. Paul Street, Litchfield, MN. The Central Region Committee heard this agenda item on March 14 and recommended it for approval to the full board.

Moved by Duane Redalen, seconded by Jill Crafton, to approve the Meeker Soil and Water Conservation
 19-16 District Change in Location of Principal Office Headquarters. *Motion passed on a voice vote*.

Susan Stokes, Chris Elvrum, Glenn Skuta and Sarah Strommen left the meeting.

Wetlands Committee

Wetland Mitigation Fee Policy Addendum Reduction in Credit Value for Agricultural Wetland Bank Fees Dave Weirens and Tim Smith presented the Fee Policy Addendum.

Since the updated wetland bank fee policy went into effect on June 1, 2017 BWSR Wetland Section staff have received several comments suggesting that the fees for agricultural banking accounts are disproportionately high relative to the overall transaction cost. In response, an analysis of prices was conducted for agricultural bank account and standard account credits for sales completed between 2015 through 2018. This analysis showed that agricultural credits were 54% lower in cost (value) than standard credits in BSAs that reported both agricultural and standard credit cost information. Based on this information and after further evaluation and analysis, staff recommended that the wetland credit value coefficient, a multiplier that reflects the value added to the land as a result of the wetland restoration activities, be reduced from 6.0 to 3.2 for agricultural bank accounts and that the credit value and corresponding fees for agricultural wetland bank accounts be calculated using the revised wetland credit value coefficient. This recommendation was approved by the Wetlands Conservation Committee on March 7, 2019.

It was noted that the committee fully vetted this topic and had discussions about the background relevant to this item.

** Moved by Nathan Redalen, seconded by Tom Schulz, to approve the Wetland Mitigation Fee Policy
 19-17 Addendum Reduction in Credit Value for Agricultural Wetland Bank Fees. *Motion passed on a voice vote.*

Wetland Credit Acquisition Plan – Local Government Roads Wetland Replacement Program Tim Smith and Dave Weirens presented the Wetland Credit Acquisition Plan for the Local Government Roads Wetland Replacement Program.

BWSR regularly receives appropriations to acquire wetland credits for the Local Roads Wetland Replacement Program (LGRWRP). The receipt of these funds has always been followed by Board authorization to implement processes to develop projects and or acquire wetland credits. Staff have developed guidance that would be used for current and future appropriations to guide the acquisition of credits. This guidance will increase the efficiency and speed up the process of acquiring wetland credits for the LGRWRP. The Board's Wetlands Conservation Committee has reviewed the Wetland Credit Acquisition Plan and draft Board Order, and recommend approval by the full board.

** Moved by Tom Schulz, seconded by Kathryn Kelly, to approve the Wetland Credit Acquisition Plan for
 ¹⁹⁻¹⁸ the Local Government Roads Wetland Replacement Program. *Motion passed on a voice vote.*

UPCOMING MEETINGS

• Next BWSR Meeting is scheduled for 9:00am, May 22, 2019. Location TBD.

Chair Van Amburg adjourned the meeting at 12:32 PM

Respectfully submitted,

Gerald VanAmburg Chair

BOARD MEETING AGENDA ITEM

AGENDA ITEM TITLE:	Dispute Resolution Committee Report									
Meeting Date:	May, 22 2019									
Agenda Category:	Committee Rec		New Business		Old Business					
Item Type:	Decision			Discussion	\bowtie	Information				
Section/Region:	Central Office									
Contact:	Travis Germundso	on								
Prepared by:	Travis Germundso	on								
Reviewed by:				Committee(s)						
Presented by:	Travis Germundso VanAmburg	on/Gerald								
Audio/Visual Equipmen	t Needed for Agend	la Item Present	tation							
Attachments:	olution 🗌 Orde	r 🗌 Map	☐ Map							
Fiscal/Policy Impact None Amended Policy Request New Policy Requested Other:	ted General Fund Bu Capital Budget Outdoor Heritage Clean Water Fur			e Fund Budget						
ACTION REQUESTED										

None

LINKS TO ADDITIONAL INFORMATION

See attached Report

SUMMARY (Consider: history, reason for consideration now, alternatives evaluated, basis for recommendation)

The report provides a monthly update on the number of appeals filed with BWSR.

Dispute Resolution Report May 9, 2019 By: Travis Germundson

There is presently **two** appeals pending. There has been one new appeal filed since the last Board Meeting (March 27, 2019).

Format note: <u>New appeals that have been filed since last report to the Board.</u> Appeals that have been decided since last report to the Board.

<u>File 19-1 (4-22-19)</u> This is an appeal of an Administration Penalty Order issued under the Buffer Law in Cottonwood County. The parcel allegedly does not meet the buffer requirements for waters requiring a 50 foot average and 30 foot minimum width. Aerial imagery was initially used to determine that an additional 0.27 acres of buffer area is needed. Cottonwood SWCD staff are working with the operators on using a combination of structural and vegetative practices to bring about compliance. *No decision has been made on the appeal*.

<u>File 18-3 (10-31-18)</u> This is an appeal of a WCA restoration order in Hennepin County. The appeal regards the filling and draining of over 11 acres of wetland. Applications for exemption and no-loss determinations were submitted concurrently with the appeal. *The appeal has been placed in abeyance and the restoration stayed for the LGU to make a final decision on the applications*.

Type of Decision	Total for Calendar Year	Total for Calendar
	2018	Year 2019
Order in favor of appellant		
Order not in favor of appellant	2	
Order Modified		
Order Remanded		
Order Place Appeal in Abeyance	1	
Negotiated Settlement		
Withdrawn/Dismissed		

Summary Table

NEW BUSINESS

1. Minnesota Office for Soil Health (MOSH) Kickoff/Status Report – Anna Cates, MN State Soil Health Specialist, UMN Dept. of Soil, Water, and Climate – *INFORMATION ITEM*

BOARD MEETING AGENDA ITEM

AGE	NDA ITEM TITLE:	Minnesota Office for Soil Health (MOSH) kickoff/status report								
Mee	ting Date:	May 28, 2019								
Ager	nda Category:	\Box Committee Recommendation \boxtimes			New Business		Old Business			
Item	Туре:	□ Decision				Discussion	\boxtimes	Information		
Sect	ion/Region:	Executive Tea	m							
Cont	act:	John Jaschke								
Prep	ared by:	John Jaschke								
Revi	ewed by:	N/A			Committee(s)					
Pres	ented by:	Ann Lewandowski and Anna Cates, U of M								
Time	e requested:	30 minutes								
\boxtimes	Audio/Visual Equipment	Needed for Ag	enda Ite	em Present	tation					
Atta	chments:	lution 🛛	Order	🗆 Map] Other Support	ing Ir	nformation		
Fisca	I/Policy Impact									
	None			General F	und Bu	dget				
	Amended Policy Request	ed		Capital B	udget					
	New Policy Requested			Outdoor Heritage Fund Budget						
\boxtimes	Other:			Clean Wa	ter Fun	d Budget				

ACTION REQUESTED

The Minnesota Office for Soil Health (MOSH) was established in 2017 by the Minnesota Board of Water and Soil Resources (BWSR) and the University of Minnesota's Water Resources Center (WRC). The office is committed to expanding the science of soil health and sharing practical information with farmers, conservationists and others who manage our state's soils. This new partnership with the University of Minnesota will deliver applied research and technology to on-farm practices to assure that one of Minnesota's critical natural assets, its soil, is well-managed for generations to come. Soil health is a foundation for both water quality and agricultural production and can be enhanced by innovative soil management practices that result in economic and environmental benefits. A recent stakeholders/kickoff event was held at the University.

LINKS TO ADDITIONAL INFORMATION

https://www.wrc.umn.edu/mosh

SUMMARY (Consider: history, reason for consideration now, alternatives evaluated, basis for recommendation)

The Minnesota Office for Soil Health (MOSH) was established in 2017 by the Minnesota Board of Water and Soil Resources (BWSR) and the University of Minnesota's Water Resources Center (WRC). The office is committed to expanding the science of soil health and sharing practical information with farmers, conservationists and others who manage our state's soils. This new partnership with the University of Minnesota will deliver applied research and technology to on-farm practices to assure that one of Minnesota's critical natural assets, its soil, is well-managed for generations to come. Soil health is a foundation for both water quality and agricultural production and can be enhanced by innovative soil management practices that result in economic and environmental benefits. A recent stakeholders/kickoff event was held at the University. Ann Lewandowski, MOSH Coordinator, UMN Water Resources Center, alewand@umn.edu, and Anna Cates, MN State Soil Health Specialist, UMN Dept. of Soil, Water, and Climate, cates@umn.edu will provide a report on the event and outline the future plans and projects the MOSH is anticipating.

COMMITTEE RECOMMENDATIONS

Northern Region Committee

1. Bois de Sioux Watershed District and Upper Minnesota River Watershed District Boundary Change Petition – Pete Waller – **DECISION ITEM**

BOARD MEETING AGENDA ITEM

AGE	NDA ITEM TITLE:	_	Boundary Change Petition for Bois de Sioux Watershed District and Upper Minnesota River Watershed District									
Mee	ting Date:	_	Ma	y 22, 2019								
Agenda Category:				oxtimes Committee Recommendation $oxtimes$			New Business		Old Business			
Item	Туре:		⊠ Decision □			Discussion		Information				
Sect	ion/Region:	_	Reg	gional Oper	ations/N	Norther	n Regio	on				
Cont	act:	_	Pet	e Waller								
Prep	ared by:	_	Pet	e Waller/R	yan Hug	hes						
Revi	ewed by:	_	No	rthern Regi	onal		Committee(s)					
Pres	ented by:	_	Pete Waller									
Time	e requested:	-	5 minutes									
	Audio/Visual Eq	uipment	Nee	eded for Ag	enda Ite	em Pres	entati	on				
Atta	chments:] Resol	utio	n 🛛	Order	× N	Лар	\boxtimes	Other Support	ing Ir	formation	
Fisca	I/Policy Impact											
\boxtimes	None					Gener	al Fun	d Buo	dget			
	Amended Policy	Requeste	ed			Capita	al Budg	et				
	New Policy Requ	ested				Outdoor Heritage Fund Budget						
	Other:		Clean Water				Water	Fund	d Budget			

ACTION REQUESTED

Approval of Northern Regional Committee recommendation to approve the boundary change petition between the Bois de Sioux Watershed District and the Upper Minnesota River Watershed District

LINKS TO ADDITIONAL INFORMATION

N/A

SUMMARY (Consider: history, reason for consideration now, alternatives evaluated, basis for recommendation)

A Petition for a Boundary Change of the Bois de Sioux Watershed District (BdSWD) and Upper Minnesota River Watershed District (UMRWD) has been filed with Minnesota Board of Water and Soil Resources (BWSR) by the two watershed districts. The proposed boundary change would achieve a more accurate alignment between the hydrologic and common legal boundaries of the BdSWD and the UMRWD. The territory included in the boundary change encompasses approximately 1,000 acres of land on 25 parcels. The boundary changes are located in four townships within Big Stone County. The Petition's map attached to the Board Order depicts the territory and further identifies proposed changes within an attached table depicting parcel changes.

Prior to submitting the Petition, the BdSWD and UMRWD agreed it prudent to notify all affected landowners. The notifications consisted of:

- Advertising an informational public meeting held November 26, 2018, in Graceville, MN
- Inviting all affected landowners to the BDSWD December meeting
- Mailing individual letters that included details of the proposed changes

A legal notice of filing regarding the proposed boundary change, as per Minnesota Statutes, Section 103D.105 Subd 2, was published and a copy of the notice of filing was mailed to affected county, municipalities, and soil and water conservation districts. The notice stated a request for a public hearing, received within 30 days of the last date of publication of the notice of Filing of the Petition, would warrant a public hearing be held. No requests for a hearing or comments were received during the specified timeframe so a public hearing is not required.

The Northern Regional Committee (Committee) met on May 1, 2019, at Graceville, Minnesota to discuss the petition. The Committee recommended approval of the proposed boundary change petition to the full Board.

Minnesota Board of Water and Soil Resources 520 Lafayette Road North St. Paul, Minnesota 55155

In the Matter of the Boundary Change between the Bois de Sioux Watershed District and the Upper Minnesota River Watershed District, pursuant to Minnesota Statutes, Section 103D.251.

ORDER BOUNDRY CHANGE

Whereas, the Board of Managers of the Bois de Sioux Watershed District (BdSWD) and the Upper Minnesota River Watershed District (UMRWD) filed a petition dated January 8, 2019 (Petition), with the Board of Water and Soil Resources (Board) on February 12, 2019, to change the boundaries of the two watershed districts pursuant to Minnesota Statutes, Section 103D.251, and;

Whereas, the Board has completed its review of the Petition;

Now Therefore, the Board hereby makes the following Findings of Fact, Conclusions, and Order.

FINDINGS OF FACT

- 1. **Petition.** The Petition to change the boundaries of the BdSWD and UMRWD was filed by the two watershed districts with the Board on February 12, 2019.
- 2. **Property Description.** The territory included in the boundary change Petition is located entirely within Big Stone County. The proposed boundary change involves approximately 1,000 acres of land and would correct the assessment designation of 25 parcels at various locations along the common boundaries of the watershed districts. The petition proposes actions at various locations along the boundaries of the two watershed districts. The area of the Petition is depicted on the attached map and further identified in the attached property identification tables.
- 3. **Reasons for Boundary Change.** The proposed boundary change would achieve a more accurate alignment between the hydrologic and legal boundaries of the BdSWD and UMRWD. The requested boundary change is consistent with the purposes and requirements of Minnesota Statutes, Section 103D.251.
- 4. **Board of Managers Authorization.** Motions authorizing the boundary change and managers to sign the Petition were adopted by the Board of Managers of the BdSWD on December 20, 2018, and the UMRWD on January 8, 2019.
- 5. **Notice of Filing.** Legal Notice of Filing of the proposed boundary change, pursuant to Minnesota Statutes, Section 103D.105 Subd. 2., was published in the Wheaton Gazette, the Ortonville Independent and the Northern Star on the weeks of February 18 and 25, 2019. Further, a copy of the notice of filing was mailed to several addressees, including the affected county and watershed districts.

- 6. **Public Hearing.** The Legal Notice of Filing was published pursuant to Minnesota Statutes, Section 103D.105, Subd.2, which requires within 30 days of the last date of publication of the Notice of Filing of the Petition that at least one request for hearing be received by the Board before a hearing will be held. No requests for hearing and no comments were received during the specified period of time and no hearing was held.
- 7. **Board Staff Review.** The Petition is valid and the Board has proper jurisdiction regarding ordering watershed district boundary changes. The watershed districts exceeded their due diligence by holding public informational meetings and conducting field site visits with affected landowners to determine correct boundary alignment prior to submitting the petition. A public hearing was not requested, no comments on the Petition were received and therefore a public hearing is not required. The proposed boundary more accurately aligns with the existing hydrological boundary of the watershed than the current legal boundary. The proposed boundary change would benefit the public welfare and public interest and would advance the purpose of Minnesota Statutes, Section 103D.
- 8. Northern Regional Committee. The Northern Regional Committee (Committee) met on May 1, 2019, at Graceville, Minnesota. Committee members present were Tom Schulz (in person), Rich Sve (via phone), Neil Peterson (via phone), Jeff Berg (via phone) and Rita Albrecht (via phone). Board staff present were Ryan Hughes and Pete Waller. Watershed District representatives present were Jamie Beyer, Bois de Sioux Watershed District Administrator, and Amber Doschadis, Upper Minnesota River Watershed District Coordinator. The Committee members reviewed the information and materials presented by Board staff. Board staff recommended approval of the boundary change Petition. The Committee recommended approval of the proposed boundary change Petition to the full Board.

CONCLUSIONS

- 1. The Petition for boundary change of the BdSWD and UMRWD is valid in accordance with Minnesota Statutes, Section 103D.251.
- 2. Proper notice was given and public hearing was not held in accordance with applicable laws.
- 3. All relevant substantive and procedural requirements of law and rule have been fulfilled.
- 4. The Board has proper jurisdiction in the matter of ordering a watershed district boundary change.
- 5. The requested boundary change is consistent with the purpose and the requirements of Minnesota Statutes, Section 103D.251.
- 6. The boundary change as proposed in the Petition would benefit the public welfare and public interest and would advance the purpose of Minnesota Statutes, Section 103D.
- 7. The boundaries of the BdSWD and the UMRWD, as proposed in the Petition, are more accurately based on the hydrology of the subject area then the present boundaries.
- 8. The proposed boundary change should be approved per the Petition.

ORDER

The Board hereby orders the boundaries of the Bois de Sioux Watershed District and the Upper Minnesota River Watershed District are changed per the Petition as depicted on the map attached to this Order and made a part hereof, including the data sets created and used to generate the map.

Dated at Saint Paul, Minnesota this 22nd day of May, 2019.

MINNESOTA BOARD OF WATER AND SOIL RESOURCES

By: Gerald Van Amburg, Chair

Petition for Watershed District Boundary Changes

Pursuant to Minnesota Statute 103D.251

The undersigned respectfully request that the Minnesota Board of Soil and Water Resources change the boundaries of the Upper Minnesota River Watershed District and the Bois de Sioux Watershed District as hereinafter set forth:

- The names of the Watershed Districts affected by the proposed boundary changes are the Upper Minnesota River Watershed District (UMRWD) and the Bois de Sioux Watershed District (BdSWD).
- The lands affected by this proposed boundary change lay in Almond Township, Moonshine Township, Malta Township, and Toqua Township as more particularly described hereinafter on exhibits A, B, and C. The proposed change will result in transferring approximately 600 acres (15 quarter-quarters) from UMRWD to BdSWD and approximately 400 acres from BdSWD to UMRWD (10 quarter-quarters).
- 3. The proposed boundary change would achieve a more accurate alignment between the hydrologic and legal boundaries of the BdSWD and UMRWD. This updated boundary is necessary to allow for the watershed districts to correctly permit landowner projects that may affect neighboring properties within each watershed. The requested boundary change is consistent with the purposes and requirements of MN Statute 103D.251.
- 4. The proposed lands to be changed are described on Exhibit A; which lists lands to move from the Bols de Sioux Watershed District to the Upper Minnesota River Watershed District. Exhibit B; lands to move from the Upper Minnesota River Watershed District to the Bols de Sloux Watershed District.

A map showing the proposed boundary change is attached hereto as Exhibit C. The Bois de Sloux Watershed District, and the Upper Minnesota River Watershed District hereby request that the Minnesota Board of Soil and Water Resources establish this proposed boundary change.

Dated this 20 day of December, 2018.

Bois de Sioux Watershed District

by Sude J. Varre

Upper Minnesota River Watershed District

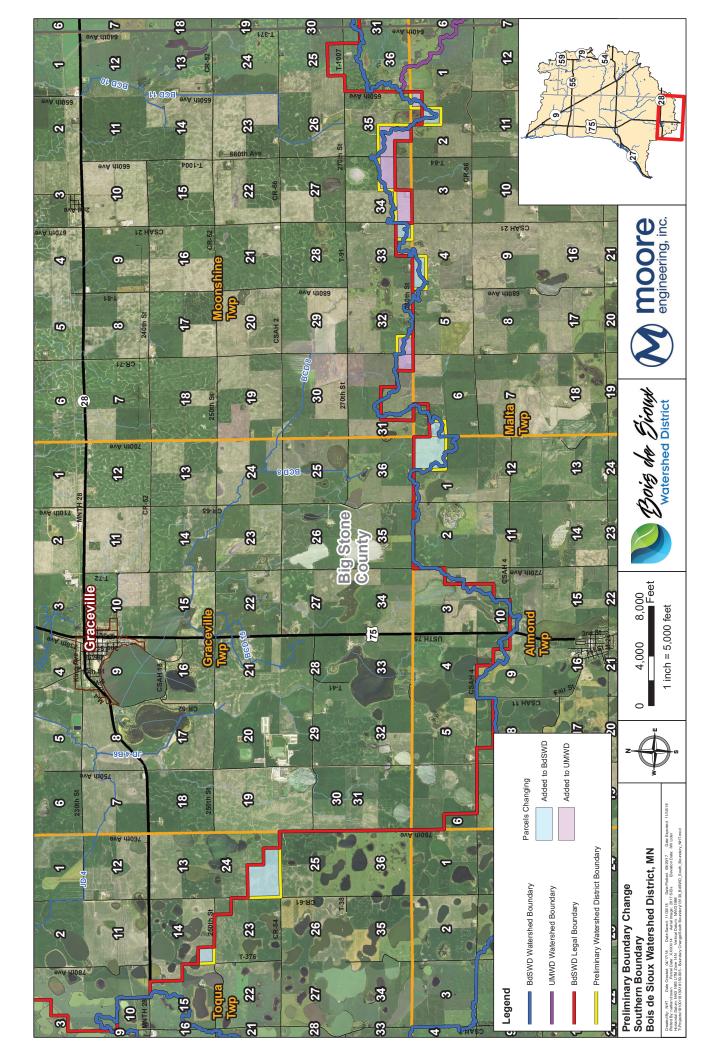
by Wart Allen 1-8-19

EXHIBIT A

County	Township Name	Township No	Range No	Section No	Quarter	Quarter-Quarter	Landowner	Parcels
Big Stone	Moonshine	124	45	31	SE	SE	LARSON-HOEFERT FARM LLC	09-0153-000
Big Stone	Moonshine	124	45	32	SW	SW	OLSON/JOHN & CARRIE	09-0161-000
Big Stone	Moonshine	124	45	34	SW	SW	KUTZLER/ROLLAND & JOYCE/JR	09-0169-000
Big Stone	Moonshine	124	45	34	SW	SE	KUTZLER/ROLLAND & JOYCE/JR	09-0169-000
Big Stone	Moonshine	124	45	34	SE	NW	KUTZLER/ROLLAND & JOYCE/JR	09-0169-000
Big Stone	Moonshine	124	45	34	SE	NE	KUTZLER/ROLLAND & JOYCE/JR	09-0169-000
Big Stone	Moonshine	124	45	35	SW	NW	KIRWIN/DARRELL & MARILYN/TRUST	09-0172-000
Big Stone	Moonshine	124	45	35	SW	NE	KIRWIN/DARRELL & MARILYN/TRUST	09-0172-000
Big Stone	Moonshine	124	45	35	SW	SE	MAANUM/PATRICK & RAMONA	09-0176-010
Big Stone	Malta	123	45	2	NE	NE	U S A (FISH & WILDLIFE)	08-0006-010

EXHIBIT B

County	Township Name	Township No	Range No	Section No	Quarter	Quarter-Quarter	Landowner	Parcels
Big Stone	Almond	123	46	1	NE	NW	NELSON/DOUGLAS & KAREN	02-0001-000
Big Stone	Almond	123	46	1	NE	NE	NELSON/DOUGLAS & KAREN	02-0001-000
Big Stone	Almond	123	46	1	NE	SW	NELSON/DOUGLAS & KAREN	02-0001-000
Big Stone	Almond	123	46	1	NE	SE	NELSON/DOUGLAS & KAREN	02-0001-000
Big Stone	Moonshine	124	45	33	SE	SE	WULFF/MICHAEL & GERALYN/TRUST	09-0168-010
Big Stone	Malta	123	45	2	NE	SW	U S A (FISH & WILDLIFE)	08-0006-000
Big Stone	Malta	123	45	4	NW	NE	MARIANNE MORRILL C/O DAN	08-0011-000
Big Stone	Malta	123	45	4	NW	NW	MARIANNE MORRILL C/O DAN	08-0011-000
Big Stone	Malta	123	45	6	NW	SW	LISMORE HUTTERIAN BTHN INC	08-0020-000
Big Stone	Toqua	124	47	14	SW	SW	BULLER/NEAL & LUCAS	14-0081-000
Big Stone	Toqua	124	47	24	SW	NW	KLEINDL/DIANE	14-0127-000
Big Stone	Toqua	124	47	24	SW	NE	KLEINDL/DIANE	14-0127-000
Big Stone	Toqua	124	47	24	SW	SW	KLEINDL/DIANE	14-0127-000
Big Stone	Toqua	124	47	24	SW	SE	KLEINDL/DIANE	14-0127-000
Big Stone	Toqua	124	47	24	SE	SW	LANE/MARY/L.E.	14-0126-000



May 22, 2019

Board of Managers Bois de Sioux Watershed District 704 Hwy 75 South Wheaton, MN 56296 Board of Managers Upper Minnesota River Watershed District 211 2nd Street SE Ortonville, MN 56278

Dear Boards of Managers,

The Minnesota Board of Water and Soil Resources (BWSR) is pleased to inform you that your petition to change the boundaries of the Bois de Sioux Watershed District (BdSWD) and Upper Minnesota River Watershed District (UMRWD) was approved at the regular Board meeting held May 22, 2019. This boundary change will advance the purpose of M.S. 103D and is for the public welfare and public interest.

The Board's decision and this letter is in response to the petition submitted by BdSWD and UMRWD to change the watershed districts' boundaries to more accurately align the hydrologic and legal boundaries of the two watershed districts. BWSR appreciates the coordination by the BdSWD and UMRWD for their efforts to inform affected landowners.

Sincerely,

Gerald Van Amburg Chairperson

Enclosed: BWSR Order

CC: Jamie Beyer, Administrator BdSWD (via email) Dianne Radermacher, Administrator UMRWD (via email) Michelle Knutson, Big Stone County Auditor (via email) Ryan Hughes, BWSR (via email) Pete Waller, BWSR (via email)

Equal Opportunity Employer

COMMITTEE RECOMMENDATIONS

Central Region Committee

- 1. Sherburne Soil and Water Conservation District Change in Location of Principal Office Headquarters Kevin Bigalke **DECISION ITEM**
- 2. Upper Rum River Watershed Management Organization Watershed Management Plan 2019-2028 – Dan Fabian - **DECISION ITEM**

BOARD MEETING AGENDA ITEM

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AGE	NDA ITEM TITL	E:		Sherburne Soil and Water Conservation District Change in Location of Principal Office Headquarters									
Mee	ting Date:		Ν	1ay 22	, 2019								
Ager	nda Category:	\sum	oxtimes Committee Recommendation $oxtimes$						New Business		Old Business		
Item Type: 🛛 Decision								l		Discussion		Information	
Sect	ion/Region:		C	entral	Regio	n							
Cont	act:		Ja	ason V	Veiner	man							
Prep	ared by:		K	evin B	igalke								
Revi	ewed by:		C	entral	Regio	nal		Committee(s)					
Pres	ented by:	К	evin B	igalke									
Time requested:				5 minutes									
	Audio/Visual E	Equipr	ment N	eeded	for Ag	genda It	em Prese	entatio	on				
Atta	chments:	\boxtimes	Resolut	ion		Order	□М	ар	\boxtimes	Other Support	ing In	nformation	
Fisca	I/Policy Impact												
\boxtimes	None						Genera	al Fund	Buo	dget			
Amended Policy Requested							Capital	Budge	et				
New Policy Requested							Outdoor Heritage Fund Budget						
	Other:				Clean Water Fun					d Budget			

ACTION REQUESTED

Pursuant to Minn. Stat. § 103C.221, a change of location of principal office of a district must be approved by BWSR. BWSR must file a certified copy of the resolution with the secretary of state.

LINKS TO ADDITIONAL INFORMATION

SUMMARY (Consider: history, reason for consideration now, alternatives evaluated, basis for recommendation)

On April 11, 2019, the Sherburne SWCD Board of Supervisors passed a resolution approving the district's change of principal office location to 14855 Highway 10, Elk River, MN 55330 to 425 Jackson Ave NW, Elk River, MN. BWSR's Central Region Committee met on May 2, 2019 to review this request and voted to recommend approval of the change of principal office location to the full BWSR Board.



Board Resolution # 19-

Resolution Accepting Change in Office Location for Sherburne Soil and Water Conservation District

WHEREAS, the Sherburne Soil and Water Conservation District Board of Supervisors adopted a resolution dated April 11, 2019, to change the office headquarters from 14855 Highway 10, Elk River, MN 55330 to 425 Jackson Ave NW, Elk River, MN 55330; and

WHEREAS, the Board of Water and Soil Resources must act on the change of office location pursuant to <u>Minn.</u> <u>Stat.</u> § 103C.221.

THEREFORE BE IT RESOLVED, the Board of Water and Soil Resources hereby approves the change in office location of the Sherburne Soil and Water Conservation District from 14855 Highway 10, Elk River, MN 55330 to 425 Jackson Ave NW, Elk River, MN.

THEREFORE BE IT FURTHER RESOLVED, this one-page Resolution of the Minnesota Board of Water and Soil Resources, Number 19-XX dated May 22, 2019, approving the change in office location of the Sherburne Soil and Water Conservation District is hereby certified as true and correct.

Date: _____

Gerald Van Amburg, Chair Board of Water and Soil Resources

State of Minnesota County of Ramsey

Subscribed and sworn to before me this ____ day of May, 2019.

Notary Public

May 22, 2019

The Honorable Steve Simon Secretary of State 180 State Office Building 100 Rev. Dr. Martin Luther King Jr. Blvd. Saint Paul, MN 55155

Via Hand Delivery

Dear Mr. Secretary:

Pursuant to <u>Minn. Stat.</u> § 103C.221, hereby enclosed for filing is a certified copy of the Minnesota Board of Water and Soil Resources Resolution Number 19-XX dated May 22, 2019, one page, which approves the change in the location of the office of the Sherburne Soil and Water Conservation District from 14855 Highway 10, Elk River, MN 55330 to 425 Jackson Ave NW, Elk River, MN.

Please contact me if you have questions.

Sincerely,

John Jaschke, Executive Director Minnesota Board of Water and Soil Resources

Enclosure

c: Sherburne County Administrator
 Sherburne Soil and Water Conservation District
 Minnesota Association of Soil and Water Conservation Districts
 Kevin Bigalke, BWSR

RESOLUTION FOR CHANGE OF LOCATION OF PRINCIPAL OFFICE

Whereas, Minnesota Statutes, Chapter 103C.221, Change of Location of Principal Office, authorizes the location of the principal office of the district board to be changed with the approval of the state board, and

Whereas, the statute requires that the resolution for the change of location of principal office state the new location and be adopted by a majority of the district board.

Whereas, the statute requires that a certified copy of the resolution be filed with the secretary of state.

Therefore, be it resolved by the Sherburne Soil and Water Conservation District supervisors that the principal office location of the district be changed from 14855 Highway 10, Elk River, MN 55330 to 425 Jackson Ave NW, Elk River, MN 55330,

CERTIFICATION

State of Minnesota County of Sherburne

I, Larry Goenner, secretary of the Sherburne Soil and Water Conservation District, do hereby certify that the above resolution relating to the change of the location of the principal office of the supervisors of the Sherburne Soil and Water Conservation District was adopted by the said district supervisors at a regular meeting thereof held on April 11th, 2019, that I have compared it with the original resolution as set forth in the minutes of the said meeting, and that said copy is a true and correct copy of and transcript from said original and the whole thereof. I further certify that said meeting of the Board was duly called and held, that a quorum of the members of said Board was present thereat, and that said resolution was duly adopted thereat by a majority vote of the members present.

Secretary, Sherburne Soil and Water Conservation District Signed: _____ Dated:

BOARD MEETING AGENDA ITEM

AGE	NDA ITEM TITLE:		Upper Rum River Watershed Management Organization Watershed Management Plan – 2019 - 2028										
Mee	ting Date:	Ma	May 22, 2019										
Ageı	nda Category:	\boxtimes	Committe	nmendation	New Business		Old Business						
Item	Туре:	\boxtimes	Decision				Discussion		Information				
Sect	ion/Region:	Ce	ntral Region	า									
Cont	act:	Ke	vin Bigalke										
Prep	ared by:	Da	n Fabian										
Revi	ewed by:	Ce	ntral Region	า		Committee(s)							
Pres	ented by:	Da	n Fabian										
Time	e requested:	10	minutes										
	Audio/Visual Equipr	ment Nee	eded for Ag	enda Ite	em Presentat	ion							
Atta	chments: 🗆 🗆	Resolutic	on 🛛	Order	🛛 Map	\boxtimes	Other Support	ing Ir:	nformation				
Fisca	I/Policy Impact												
\boxtimes	None				General Fur	d Bu	dget						
	Amended Policy Req	uested			Capital Bud	get							
	New Policy Requeste	ed			Outdoor Heritage Fund Budget								
	Other:				Clean Wate	r Fun	d Budget						

ACTION REQUESTED

Approval of the Upper Rum River Watershed Management Organization (URRWMO) 2019-2028 Watershed Management Plan, with a required 5-yr Plan Amendment.

LINKS TO ADDITIONAL INFORMATION

Link to final draft of plan: http://urrwmo.org/watershed-management-plans-reports.html

SUMMARY (Consider: history, reason for consideration now, alternatives evaluated, basis for recommendation)

Background: The Upper Rum River Watershed Management Organization (URRWMO) was originally established on June 18, 1991 through a Joint Powers Agreement (JPA) between the Cities of Bethel, East Bethel, Ham Lake, Nowthen (formally the Town of Burns), Oak Grove and St. Francis. The JPA was amended in 1997 and again in 2011. The URRWMO's stated purpose is to coordinate watershed-wide efforts to efficiently manage surface and groundwater resources. Management is aimed to improve water quality,

minimize flooding, enhance wildlife values, and securing other benefits associated with proper management of surface and groundwater.

The URRWMO encompasses approximately 127.2 sq. miles within the northwestern corner of Anoka County, Minnesota. It is bordered by Isanti County to the north, Sherburne County to the west, the Lower Rum Watershed Management Organization to the south, the Coon Creek Watershed District to the southeast, and the Sunrise River Watershed Management Organization to the east. The Organization is bisected by the Rum River, a state-designated Scenic and Recreational Riverway. Development within the Organization's boundaries generally has consisted of land use conversion from agriculture to rural residential with individual wells and septic systems. Approximately 15% of the land use is residential development, 8% is parkland and public land, and the remaining land is primarily agriculture, wetlands, and undeveloped land. Their third generation plan was approved by the BWSR Board in 2007 and expired April 25, 2017.

Plan Process and Highlights:

On November 19, 2015, the URRWMO initiated the planning process for completing the required 10-yr update to their current 2007-2017 Watershed Management Plan. with the required "Notice of Decision to Update" their Plan and a request for Agency and other local stakeholder input per 8410.0045. The initial planning meeting and open house was held on June 29, 2016. In addition, the planning consultant met with member community staff to obtain additional input.

The first Draft 60-Day review plan was submitted for formal review on December 7, 2016. Significant comments were received. The planning consultant worked with the URRWMO managers to address the comments, make revisions to the plan and submit for the 90-Day final draft review and approval process. BWSR received comments on the 90-Day final draft from review agencies (MNDNR, Metropolitan Council and concurrence from BWSR Staff), which, while acknowledging some improvement in the plan over the 60-day review version, identified serious inadequacies in the plan, expressing significant concern about the WMO's ability to effectively administer the WMO and implement their plan to meet requirements in accordance with Minnesota Rule 8410 and Minnesota Statute 103B. The Metropolitan Council included in their review comments a rare recommendation that BWSR withhold approval of the plan until the concerns were adequately addressed. BWSR concurred with the concerns raised in the Agency reviews and the recommendations that BWSR withhold approval of the plan until the end of the 90-day review and approval period, discussed the comments. The URRWMO withdrew their plan from the 90-day review and approval process to further address remaining issues identified in the comments received from the review agencies and BWSR.

During 2018, the URRWMO worked to further revise the plan to address the issues raised by the review agencies, developing a plan focusing on implementation of projects to address prioritized water quality issues. The new plan identifies and funds an administrative structure needed for plan implementation. This includes the establishment of a part-time Watershed Coordinator position to help in the administration of the day-to-day activities of the WMO and implementation of the plan. As part of the plan revision process, the URRWMO met and worked with its member communities to get commitment to provide a reasonable but still modest amount of funding needed to implement the new Plan. The updated draft Plan was re-submitted to the Board, other state agencies, and local governments for a second formal 60-day review on December 14, 2018 pursuant to Minnesota Statutes Section 103B.231, Subd. 7. Comments were received and addressed by

the URRWMO. A public hearing was held on March 12, 2019. At that hearing the URRWMO Managers approved a motion to send the draft Plan to the Board of Water and Soil Resources for final review and approval which was received by the Board on March 21, 2019.

The Plan establishes a series of goals based on the priorities identified by the URRWMO planning process. Goals were grouped into eight (8) different goal areas: A) Water Quantity and Floodplain Management; B) Water Quality; C) Wetlands; D) Groundwater; E) Drainage Systems; Reduced Erosion; F) Protect and Enhance Fish and Wildlife Habitat and H) URRWMO Operations and Programing. The individual goals established for each goal area identify the metric that the URRWMO will use to measure their progress towards meeting those goals. Paired with the eight goal areas are implementation strategies that the URRWMO will pursue.

The Implementation Plan found in Chapter 5 is the most significant improvement to the URRWMO Plan. In comparison to previous URRWMO plans, it is a transition from only studying and monitoring, towards project implementation to address identified priority issues. **Table 5-4 – Implementation Program and Budget** lays out the estimated annual budget needed through 2028 to implement the identified strategies and a description of the actions (including WMO operations and project implementation) that will be taken. The plan identifies three priority areas for implementation of capital improvement projects:

- Lake George, which is a regional high quality lake with a declining trend in water quality.
- The Rum River shorelands. Specifically areas of the Rum River that have been identified as experiencing significant bank erosion, which can reduce water quality.
- Rum River urban stormwater runoff. Initially stormwater BMP retrofits in the City of St. Francis will be pursued based on the Cities existing stormwater retrofit analysis.

To help target the most cost effective projects in each of these priority areas, the URRWMO Board adopted, as part of the URRWMO Plan, an existing Subwatershed Assessment Study (SWAS) for each area. The Lake George and Rum River assessment studies were prepared by the Anoka Conservation District (ACD). The City of St. Francis assessment study was prepared as a joint effort by the City and the ACD.

Attachments:

- 1. Draft order for approval of the URRWMO Watershed Management Plan.
- 2. URRWMO Plan Executive Summary.
- 3. URRWMO CIP 2019-2028

Minnesota Board of Water and Soil Resources 520 Lafayette Road North Saint Paul, Minnesota 55155

In the Matter of the review of the Watershed Management Plan for the Upper Rum River Watershed Management Organization, pursuant to Minnesota Statutes Section 103B.231, Subdivision 9. ORDER APPROVING WATERSHED MANAGEMENT PLAN

Whereas, the Board of Managers of the Upper Rum River Watershed Management Organization (Watershed) submitted a Watershed Management Plan (Plan) to the Minnesota Board of Water and Soil Resources (Board) pursuant to Minnesota Statutes Section 103B.231, Subd. 9, and;

Whereas, the Board has completed its review of the Plan;

Now Therefore, the Board hereby makes the following Findings of Fact, Conclusions and Order:

FINDINGS OF FACT

- 1. Watershed Management Organization Establishment. The Upper Rum River Watershed Management Organization (URRWMO) was originally established on June 18, 1991 through a Joint Powers Agreement (JPA) between the Cities of Bethel, East Bethel, Ham Lake, Nowthen (formally Town of Burns), Oak Grove and St. Francis. The JPA was amended in 1997 and again in 2011. The URRWMO's purpose is to coordinate watershed-wide efforts to efficiently manage surface and groundwater resources. The current plan was approved by the Board on April 25, 2007 and expired April 25, 2017. The third generation plan was amended one time in 2009 to incorporate standards for water quality, stormwater infiltration, and wetlands and also to include a water quality monitoring plan.
- 2. Authority to Plan. The Metropolitan Surface Water Management Act requires the preparation of a watershed management plan for the subject watershed areas which meets the requirements of Minnesota Statutes Sections 103B.201 to 103B.251.
- 3. **Nature of the Watershed.** The URRWMO encompasses approximately 127.2 sq. miles within the northwestern corner of Anoka County, Minnesota. It is bordered by Isanti County to the north, Sherburne County to the west, the Lower Rum Watershed Management Organization to the south, the Coon Creek Watershed District to the southeast, and the Sunrise River Watershed Management Organization to the east. The Organization is bisected by the Rum River, a state-designated Scenic and Recreational

Riverway. Development within the URRWMO's boundaries generally has consisted of land use conversion from agriculture to rural residential with individual wells and septic systems. Approximately 15% of the land use is residential development, 8% is parkland and public land, and the remaining land is primarily agriculture, wetlands, and undeveloped land.

4. Plan Development and Review. The URRWMO initiated the planning process for the required 10-yr update to their current 2007-2017 Watershed Management Plan with the required "Notice of Decision to Update" their Plan and a request for Agency and other local stakeholder input per Minnesota Rule 8410.0045 Subp. 2. and Subp. 3. The initial planning meeting and open house was held on June 29, 2016 and was attended by interested stakeholders. The efforts resulted in a comprehensive list of issues for the URRWMO to consider as part of the Plan update. In addition to the Initial Planning Meeting, the planning effort included one CAC and one TAC meeting both on July 20, 2016. In an effort to solicit additional information from member communities the planning consultant met individually with member community staff. The planning consultant worked primarily with the URRWMO Board of Managers in deciding which issues to address and in updating watershed management plan.

The first Draft 60-Day Review Plan was completed and submitted for formal review on December 7, 2016. Significant comments were received. The planning consultant worked with the URRWMO managers to address the comments, make revisions to the Plan and submitted the Plan for the 90-Day final draft review and approval process. BWSR received comments on the 90-Day final draft from review agencies (MNDNR, Metropolitan Council and concurrence from BWSR Staff), which while acknowledging some improvement in the Plan over the 60-day review version, identified serious inadequacies in the Plan, expressing significant concern about the WMO's ability to effectively administer the WMO and implement the Plan to meet requirements in accordance with Minnesota Rule 8410 and Minnesota Statute 103B. The Metropolitan Council included in their review comments a rare recommendation that BWSR withhold approval of the Plan until the concerns were adequately addressed. BWSR concurred with the concerns raised in the Agency reviews and with the recommendations that BWSR withhold approval of the Plan until the concerns were adequately addressed. BWSR staff contacted the URRWMO representatives on November 8, 2017 prior to the end of the 90-day review and approval period, discussed the comments. The URRWMO then withdrew the Plan from the 90-day review and approval process so that they could have an opportunity to further address remaining issues identified in the comments received from the review agencies and BWSR.

During 2018, the URRWMO worked to further revise the Plan to address the issues raised by the review agencies during the initial formal review period, developing a Plan focusing on implementation of projects to address prioritized water quality issues. The new Plan also identifies and funds an administrative structure needed for plan implementation. This includes the establishment of a part-time Watershed Coordinator position to help in the administration of the day-to-day activities of the WMO and implementation of the Plan. The URRWMO has already contracted with the Anoka Conservation District to fill the Watershed Coordinator Position. As part of the Plan revision process, the URRWMO met

and worked with its member communities to get some commitment to provide a reasonable but still modest amount of funding needed to implement the new Plan. Additionally, a workshop was held with the TAC to get input on how best to address the remaining comments. This workshop was well attended by review agencies and was attended by the URRWMO Chair.

The revised draft Plan was re-submitted to the Board, other state agencies, and local governments for a second formal 60-day review on December 14, 2018 pursuant to Minnesota Statutes Section 103B.231, Subd. 7. A public hearing was held on March 12, 2019, no members from the public were in attendance. At that hearing, the URRWMO Managers approved a motion to send the final draft Plan to the Board of Water and Soil Resources for final review and approval. The final draft of the revised Plan was received by the Board on March 21, 2019. Items 5 thru 12 below contain a summary of the comments received during the second formal plan review process.

- 5. Local Review. The URRWMO distributed copies of the draft Plan to local units of government for their review pursuant to Minnesota Statutes Section 103B.231, Subd. 7. The URRWMO received comments from the Anoka Conservation District, Anoka County, and The Lower Rum River WMO. The URRWMO responded in writing to all stakeholders who commented during the 60-day review period, addressing each concern.
- 6. **Metropolitan Council Review.** During the 60-day review the Council reiterated its appreciation for the thorough land and water resources inventory, the inclusion of local and regional partners in the discussion of priority issues. The Council suggested establishment of a land use goal that tied water quantity and quality to land use as well as the adoption of Minimal Impact Design Standards (MIDS). Updates to Plan data references and suggestions for the water quality monitoring program were also made by the Council. The URRWMO responded in writing to all Council comments during the 60-day review period. During the final 90-day review the Council commented that they had reviewed the final draft Plan and had no further comments.
- 7. **Department of Agriculture Review.** The MDA responded that they had no comments resulting from the final 90-day review.
- 8. **Department of Health Review.** The MDH did not comment on the Plan.
- 9. Department of Natural Resources Review. During the 60-day review, the DNR provided a very comprehensive coordinated review including review comments from the Area Hydrologist, Forestry, Environmental Review, and groundwater appropriations. Comments included noting that the Plan provided a thorough and well organized inventory and assessment of the resources as well as a good assessment of issues; comments identified opportunities for Plan improvement; made suggestions for additional information to be included in the Plan; and also raised a concern that the funding levels and proposed implementation projects were still insufficient to achieve any meaningful protections and improvements to water resources. They mentioned an analysis made during the initial Plan

development process that indicated that the City membership contributions per \$100,000 of taxable market value, were significantly lower than other metro area water management organizations. The DNR also acknowledged the improvement in funding and implementation activities over the previous iteration of the Plan. The URRWMO responded in writing to all DNR comments during the 60-day review period. During the final 90-day review, the DNR commented that they had reviewed the final draft Plan and were appreciative of the addition of the Watershed Coordinator Position and was encouraged that the URRWMO is now budgeting for matching funds and will be seeking to find and implement projects within the watershed. The DNR looks forward to working with the URRWMO during this plan cycle, and encourage the URRWMO to continue developing its capacity and budget, and continuing to expand its role in the management and protection of water resources within its boundaries.

- 10. **Pollution Control Agency Review.** During the 60-day review the four MPCA comments identified revisions needed to correct or update some of the information provided in the plan. The URRWMO responded that they would make all of the suggested text revisions. The MPCA 90-day review of the final draft noted that all of the agencies previous comments had been incorporated into the Plan and that they felt that the Plan was consistent with the agency's goals for meeting water quality standards. The MPCA also noted that the Plan does a great job at incorporating the short and long-term goals identified in the WRAPS documents for the Rum River Watershed.
- 11. **Department of Transportation Review.** During the 60-day review MNDOT comments requested clarification to the Plan to note that MNDOT was the WCA authority in the MNDOT right-of-way. The URRWMO addressed the comment received. No additional comments were received from MNDOT during the 90-day review of the final draft.
- 12. **BWSR Review.** During the second 60-day review BWSR staff commended the URRRWMO Managers on their commitment and additional efforts that the Managers made in revising their Plan to better address the comments received during the first 60-day and 90-day review periods, noting that the efforts resulted in a stronger Plan and set the URRWMO up for success by establishing a staffed administrative process to better implement the Plan. BWSR comments were based primarily on remaining issues from the first 90-day agency review period. The URRWMO responded in writing to all BWSR comments provided during the 60-day review period. During the 90-day review of the final draft BWSR indicated that they had no further comments on the Plan, but did note a concern about the member communities continued support of the URRWMO with a sufficient budget necessary to implement the URRWMO plan throughout its expected 10-yr life.
- Plan Summary and Highlights. The Plan establishes a series of goals based on the priorities identified by the URRWMO planning process. Goals were grouped into eight (8) different goal areas: A) Water Quantity and Floodplain Management; B) Water Quality; C) Wetlands;
 D) Groundwater; E) Drainage Systems; Reduced Erosion; F) Protect and Enhance Fish and Wildlife Habitat and H) URRWMO Operations and Programing. The individual goals

established for each goal area identify the metric that the URRWMO will use to measure their progress towards meeting those goals. Paired with the eight goal areas are implementation strategies that the URRWMO will pursue to meet the goals.

The Implementation Plan found in **Chapter 5** is the most significant improvement to the URRWMO Plan. In comparison to previous URRWMO plans it is a transition from only studying and monitoring, towards project implementation to address identified priority issues. A schedule is provided in **Table 5-3** – **Strategies and Implementation Schedule** for implementation of the various goal strategies previously mentioned. **Table 5-4** – **Implementation Program and Budget** lays out the estimated annual budgets needed through 2028 to implement the identified strategies and a description of the actions (including WMO operations and project implementation) that will be taken. Matching funds for future grant applications to implement priority capital improvement projects are included as items in the budget. The Plan identifies three priority areas for implementation of capital improvement projects:

- Lake George, which is a regional high quality lake with a declining trend in water quality.
- The Rum River shorelands. Specifically areas of the Rum River that have been identified as experiencing significant bank erosion, which can reduce water quality.
- Rum River urban stormwater runoff. Initially stormwater BMP retrofits in the City of St. Francis will be pursued based on the Cities existing stormwater retrofit analysis.

To help target the most cost effective projects in each of these priority areas, the URRWMO Board adopted, as part of the URRWMO Plan, an existing Subwatershed Assessment Study (SWAS) for each area. The Lake George and Rum River assessment studies were prepared by the Anoka Conservation District (ACD). The City of St. Francis assessment study was prepared as a joint effort by the City and the ACD. The adopted SWAS's are listed in Appendix F along with a brief discussion and a link to the adopted document, which is located on the URRWMO website. The implementation plan also identifies five priority subwatersheds to pursue for development of future SWAS. The implementation program is budgeted for completion of four future SWAS. Once a SWAS is completed to the satisfaction of the URRWMO Board, they will adopt the SWAS and include it in Appendix F of the Plan and the CIP by pursuing a minor plan amendment.

14. Metro Region Committee Meeting. On May 2, 2019, the Board's Central Region Committee and staff met in St. Paul to review and discuss the final Plan. Those in attendance from the Board's committee were Jill Crafton (by telephone), Joel Larson (by telephone), Glenn Skuta, Duane Willenbring, Paige Winebarger (by telephone), and Joe Collins, chair. Board staff in attendance were Central Region Manager Kevin Bigalke and Board Conservationist Dan Fabian. URRWMO representatives' John West (URRWMO Chair), Jamie Schurbon (Anoka CD/Water Plan Coordinator) and Charles Schwartz (MSA Engineering) provided highlights of the Plan and process. Board staff recommended approval of the Plan with a required 5-year plan amendment. After presentation and discussion, the committee unanimously voted to recommend the approval of the Plan, with a required 5-year plan amendment, to the full Board.

CONCLUSIONS

- 1. All relevant substantive and procedural requirements of law and rule have been fulfilled.
- 2. The Board has proper jurisdiction in the matter of approving a Watershed Management Plan for the Upper Rum River Watershed Management Commission pursuant to Minnesota Statutes Section 103B.231, Subd. 9.
- 3. The Watershed Management Plan for Upper Rum River Watershed Management Organization attached to this Order defines water and water-related problems within the URRWMO's boundaries, possible solutions thereto, and an implementation program.
- 4. The Watershed Management Plan and Capital Improvement Program extends to April, 2028, with a required 5-year plan amendment.
- 5. The attached Watershed Management Plan is in conformance with the requirements of Minnesota Statutes Sections 103B.201 to 103B.251.

ORDER

The Board hereby approves the Upper Rum River Watershed Management Organization Watershed Management Plan dated April, 2019 thru April, 2028, with a required 5-year plan amendment.

Dated at Saint Paul, Minnesota this 22nd day of May, 2019.

MINNESOTA BOARD OF WATER AND SOIL RESOURCES

BY: Gerald Van Amburg, Chair

BOARD OF WATER AND SOIL RESOURCES

May 22, 2019

Upper Rum River Watershed Management Organization c/o Jamie Schurbon, Watershed Coordinator Anoka Conservation District 1318 McKay Dr. NE, Suite 300 Ham Lake, Minnesota 55304

RE: Approval of the Upper Rum River WMO revised Watershed Management Plan

Dear Chair and Managers:

I am pleased to inform you that the Minnesota Board of Water and Soil Resources (Board) has approved the Upper Rum River Watershed Management Organization (URRWMO) revised Watershed Management Plan (Plan) at its regular meeting held on May 22, 2019. Attached is the signed Board Order that documents approval of the Plan and indicates the Plan meets all relevant requirements of law and rule.

This update of the Plan is effective for a ten-year period until May 22, 2028, with a required 5-year amendment completed by May 22, 2023. Please be advised that the URRWMO must adopt and implement the Plan within 120 days of the date of the Order, in accordance with MN Statutes 103B.231, Subd. 10 and distribute copies of the Plan within 30-days of adoption in accordance with MN Rule part 8410.0140, Subp. 5.

The managers, staff, consultants, advisory committee members, and all others involved in the planning process are to be commended for developing a plan that clearly presents water management goals, actions, and priorities of the watershed. With continued implementation of your Plan, the protection and management of the water resources within the watershed will be greatly enhanced to the benefit of the residents. The Board looks forward to working with you as you implement this Plan and document its outcomes.

Please contact Board Conservationist Dan Fabian of our staff at 651-332-0786, or dan.fabian@state.mn.us for further assistance in this matter.

Sincerely,

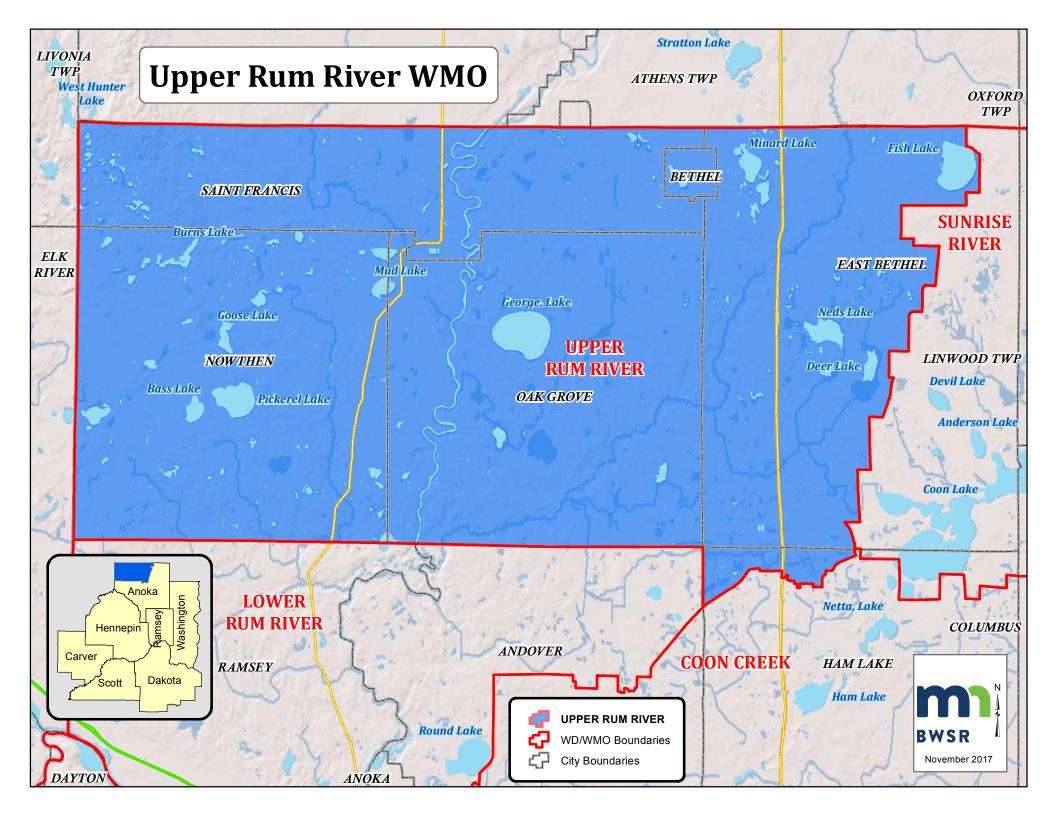
Gerald Van Amburg, Chair Minnesota Board of Water and Soil Resources

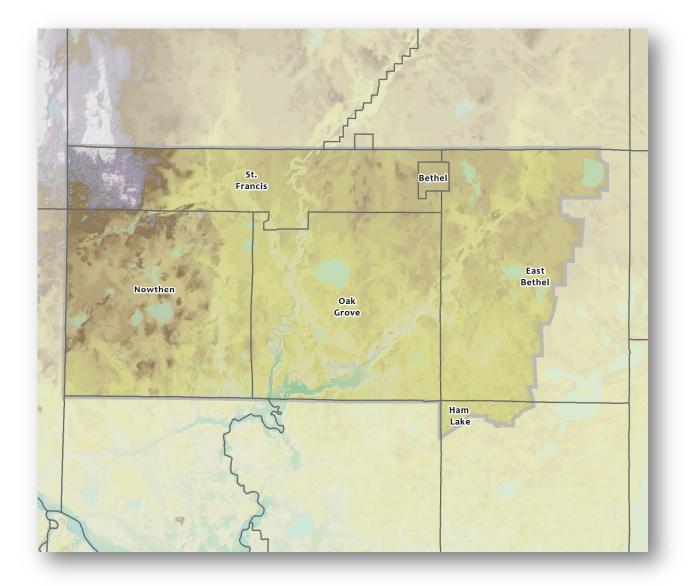
Enclosure

Bemidji	Brainerd	Detroit Lakes	Duluth	Mankato	Marshall	Rochester	St. Cloud	St. Paul
	St. Paul HQ	520 Lafayette I	Road North	St. Paul, M	N 55155	Phone: (651	L) 296-3767	
	www	w.bwsr.state.mn.us	TTY: (80	0) 627-3529	An equal op	portunity employe	er	

May 22, 2019 Page 2 of 2

Cc: Jeanne Daniels, DNR (via email) John Freitag, MDH (via email) Jeff Berg, MDA (via email) Judy Sventek, Met Council (via email) Juline Holleran, MPCA (via email) Beth Neuendorf, MN DOT (via email) Kevin Bigalke, BWSR (via email) Dan Fabian, BWSR (via email) File Copy





2019 - 2028 Watershed Management Plan

Upper Rum River Watershed Management Organization Anoka County, MN April 2019

Prepared by:

MSA Professional Services 60 Plato Blvd E Suite 140 St. Paul MN 55107 Phone: (612) 548-3132 www.msa-ps.com Project No. 16941000, © April 2019 MSA Professional Services, Inc.

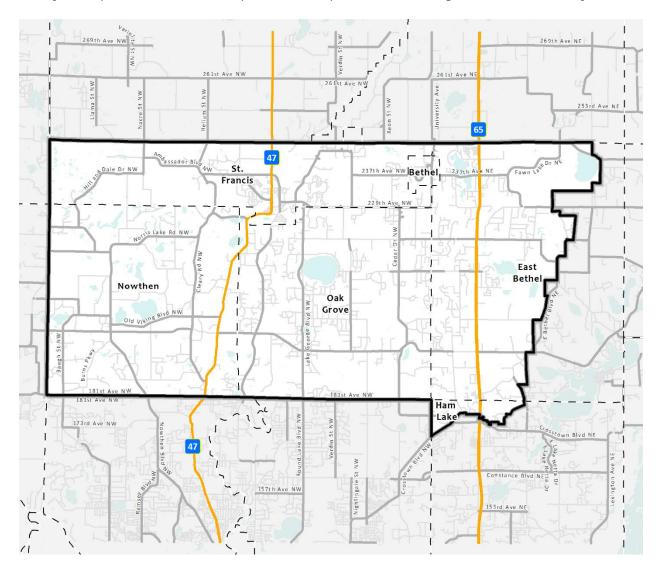


Executive Summary

Introduction

The URRWMO Board initiated work on this 4th Generation Plan in November 2015. The Plan includes information required in Minnesota Administrative Rules Chapter 8410, Local Water Management: an updated land and water resources inventory, goals and policies; an assessment of problems and identification of corrective actions; an implementation program; and a process for amending the Plan. This plan also incorporates available information related to the Rum River Watershed Restoration and Protection Strategy (WRAPS).

The Upper Rum River Watershed is located in the northwest portion of the Minneapolis-St. Paul seven county Metropolitan Area and is comprised of all or part of the following cities in Anoka County:



Community	Area within Watershed (sq. mi.)
Bethel	1
East Bethel	30.7
Ham Lake	1.7
Nowthen	35.2
Oak Grove	35.2
St. Francis	23.4
Total	127.2

Purpose

This Watershed Management Plan (Plan) describes how the Upper Rum River Watershed Management Organization (URRWMO) Board will manage activities in the watershed in the ten year period: 2019 - 2028. This plan is the 4th generation of the URRWMO's watershed management plan.

The URRWMO is a Watershed Management Organization (WMO) formed on June 18, 1991 using a Joint Powers Agreement developed under authority conferred to the member communities by Minnesota Statutes 471.59 and 103B.201 through 103B.251. The agreement was amended in 1997 and again in 2011. The purpose of this Joint Powers Agreement was to establish the Water Management Organization to assist the member local units of government with surface water, ground water, water quality and water usage issues.

The WMO is governed by a Board of Managers that is comprised of 2 members appointed from each community by their respective City Councils. Their purpose is set forth in Minnesota Statutes 103B.201, Metropolitan Surface Water Planning, which codified the Metropolitan Surface Water Management Act of 1982:

- (1) protect, preserve, and use natural surface and groundwater storage and retention systems;
- (2) minimize public capital expenditures needed to correct flooding and water quality problems;
- (3) identify and plan for means to effectively protect and improve surface and groundwater quality;
- (4) establish more uniform local policies and official controls for surface and groundwater management;
- (5) prevent erosion of soil into surface water systems;
- (6) promote groundwater recharge;
- (7) protect and enhance fish and wildlife habitat and water recreational facilities; and
- (8) secure the other benefits associated with the proper management of surface and ground water.

Priority Concerns

The URRWMO Board and Citizen and Technical Advisory Committees identified the following priorities during the planning process. They are listed in the order of importance as adopted by the URRWMO Board. Other concerns were raised, however, their relative ranking was low enough to not warrant inclusion in this priority list.

- (1) Funding: Funding available to the watershed through member communities is very limited. Additional funding is necessary to take on actions at the levels suggested by advisory committees and identified by the Rum River WRAPS.
- (2) Water Quality: Sampling programs conducted by the WMO have suggested trends of increasing Total Phosphorus concentrations (although Rogers Lake has shown a decline in Phosphorus concentrations). This trend does not appear to be paralleled by increasing trends in chlorophyll-a concentrations or decreasing trends in secchi depth (except for East Twin Lake).

Findings from the Rum River WRAPS has identified that Lake George and the Rum River as short and long term priorities (respectively) for water quality improvement. Lake George has strong evidence for declining water quality trends. The Rum River has a high value for fishing and recreational activities, is classified as a state wild & scenic recreational river, and was commonly referenced in comments from stakeholders.

- (3) Water Resources Inventory: The location, condition, and function of constructed stormwater management practices within the watershed are not documented in any way currently useful for watershed planning.
- (4) Shoreline Protection: Erosion and sedimentation occurs on some streams in the watershed; notably the Rum River itself.

The URRWMO Board is concerned that the WMO not duplicate efforts by other organizations as well as ensuring that appropriate water management be undertaken at the level of member municipalities.

Prior URRWMO plans focused on studying the watershed to identify impairments so as to prioritize action items. Within the current plan, efforts are now shifting to supporting the implementation of projects within the watershed to improve water quality.

Goals, Strategies, and Responsibilities

A series of goals were developed based on the priorities identified by the URRWMO and the purpose statements set forth in Minnesota Statutes 103B.201. Goals were grouped based on a common theme into eight (8) different goal areas.

A: Water Quantity and Floodplain ManagementB: Water QualityC: WetlandsD: Groundwater

E: Drainage Systems F: Reduce Erosion G: Protect and Enhance Fish and Wildlife Habitat H: Commission Operations and Programming

The goals were defined to be measureable, when paired with the strategy and implementation table that specifies a timeline and the responsibility parties. The table below summarizes the goals for the Fourth Generation Watershed Management Plan.

Table EX-1: URRWMO Fourth Generation Plan Goals

Vanagement	Goal A.1	Require member communities to update post-construction stormwater management ordinances to be compliant with all applicable Federal, State, and local standards. Protect against development related flooding by requiring local communities to enforce rate control and infiltration requirements. Require the use of either the 24- hr NOAA Atlas-14 data averaged for the URRWIMO (Table 2-3 within the URRWIMO Plan) or the NRCS published county-wide data for Anoka County, whichever is greater. Measurable by communities maintaining post-development 2-, 10-, and 100-yr or below peak runoff rates and volumes at predevelopment levels.
Goal Area A Water Quantity and Floodplain Management	Goal A.2	Require member communities to update floodplain management ordinances to be compliant with all applicable Federal, State, and local standards. Maintain existing floodplain storage volumes and provide adequate conveyance for flood flows. Measureable by community annual reports that document the volume of floodplain fill and compensatory storage as well as infrastructure design to serve regulated development.
/ater Quanti	Goal A.3	Control increase in runoff volume from landlocked basins by only allowing outlets in conformance with approved local plans. Prohibit new discharges from landlocked basins unless an engineering study is completed to evaluate the effects of the outlet and design to mitigate impacts.
~	Goal A.4 (B.5)	Improve BMP performance by requiring member communities to conduct physical inspections to identify any issues or deviations from construction plans and then ensuring any deficiencies are corrected. Measurable by community annual reports that document any required corrective measures and time-frames to complete these items.
	Goal B.1	Require member communities to update post-construction stormwater management ordinances to be compliant with all applicable Federal, State, and local standards.
rea B buality	Goal B.2	Protect water quality by requiring local communities to enforce post development stormwater quality treatment practices in conformance with state and federal standards. Measureable by community annual reports that document that regulated developments achieved minimum levels of water quality treatment.
Goal Area B Water Quality	Goal B.3	Improve Total Phosphorus concentration in Lake George and the Rum River in accordance with goals and timeline of the Rum River WRAPS.
>	Goal B.4	Conduct a Rum River WRAPS progress review in 2022.
	Goal B.5 (A.4)	Improve BMP performance by requiring member communities to conduct physical inspections to identify any issues or deviations from construction plans and then ensuring any deficiencies are corrected. Measurable by community annual reports that document any required corrective measures and time-frames to complete these items.
Goal Area C Wetlands	Goal C.1	Continue current local municipality responsibility as Local Government Unit (LGU) for implementation of the Wetland Conservation Act (WCA). Measurable by community annual reports that document all regulated developments complied with applicable wetland standards and quantification of wetland impacts and mitigation areas. MnDOT will continue to be the WCA LGU within state road right-of-ways.
	Goal C.2	Technical Advisory Committee (TAC) will convene to revise wetland buffer standards.

	Table EX-1: URR	WMO Fourth Generation Plan Goals (continued)
Goal Area D Groundwater	Goal D.1	Protect the quantity and quality of groundwater resources. Measurable by community annual reports that document that they are complying with their applicable wellhead protection plans. Also measureable by community annual reports that document that developments are complying with infiltration standards (including any prohibitions).
Goal Area E Drainage Systems	Goal E.1	Continue current Anoka County Highway Department jurisdiction over county ditches in the watershed. Discuss annually if reassigning the jurisdiction over County ditches is in the best interest of the watershed.
Goal <i>I</i> Drainage	Goal E.2	Complete a WMO-wide culvert inventory (sizes, elevations, etc) and provide survey results, observations, and recommendations to member communities and Anoka County.
Goal Area F Reduce Erosion	Goal F.1	Prevent erosion of soil into the Rum River by supporting implementation of projects identified by the 2017 and 2018 ACD Rum River Bank Erosion Assessments.
Goal / Reduce	Goal F.2	Require member communities to update their construction site erosion control ordinances to be compliant will all applicable Federal, State and local standards.
rea G 1 Enhance Ilife Habitat	Goal G.1	Provide education about the prevention and control of aquatic and invasive species by updating the WMO website to incorporate educational materials.
Goal Area G Protect and Enhance Fish and Wildlife Habita		Protect shoreline areas from development by requiring member communities to update their shoreland management ordinances to be compliant with all applicable Federal, State and local standards.
ming	Goal H. 1	Identify and operate within a sustainable funding level that is affordable to member cities.
Program	Goal H. 2	Foster implementation of watershed management programs by proactively seeking grant funding.
Goal Area H berations and F	Goal H. 3	Operate a public education and outreach program prioritizing elected and appointed officials to build better understanding between all stakeholders. Measurable by the annual attendance of elected and appointed officials of member communities (individuals not already on the WMO board) as well as the public.
Goal Area H Commission Operations and Programming	Goal H. 4	Operate a monitoring program sufficient to characterize water quantity, water quality, and biotic integrity in the watersheds and to evaluate progress toward meeting goals. Measurable by creating a water quality monitoring plan (2019-2028) that complies with the recommendations of the Rum River WRAP and the URRWMO's Plan.

Table EX-1: URRWMO Fourth Generation Plan Goals (continued)

The URRWMO goals are coupled with a strategy and implementation schedule and a 10-year budget. This allows for the URRWMO to track its progress towards its goals, and adjust strategies overtime based on lessons-learned. The table below outlines the strategies to be adopted that address each of the goals and the responsible party. A more complete version of this table, that includes a timeline and measurable targets, is provided within the text of the URRWMO plan (Table 5-1).

Table EX-2: URRWIMO Plan Strategies and Responsible Parties

Goal Area	Strategy Description	URRWMO	Community	
A: Water Quantity and Floodplain	Establish a uniform minimum runoff control standard for new development and redevelopment that incorporates current stand federal standards. Maintaining post- development 2-, 10-, and 100-yr peak runoff rates at predevelopment levels. Review of local rate control and infiltration requirements to confirm compliance with URRWMO. If needed, the URRWMO Board will authorize the Watershed Coordinator to complete a review of updated ordinances to confirm they comply with the URRWMO's Standards. Documentation of development projects that impact floodplains.		X X	
Management	Review of local floodplain management ordinances to confirm compliance with federal, state and local standards. If needed, the URRWMO Board will authorize the Watershed Coordinator to complete a review of updated ordinances to confirm they comply with the URRWMO's Standards.		x	
	Prohibit new discharges from land locked basins unless an engineering study is completed to evaluate the effects of the outlet and design to mitigate impacts. Complete a physical inspection of all BMPs and identify deficiencies and potential retrofits.	X	X	
	Review of post-development stormwater treatment ordinances to confirm compliance with federal, state and local standards. If needed, the URRWMO Board will authorize the Watershed Coordinator to complete a review of updated ordinances to confirm they comply with the URRWMO's Standards.		Х	
	Fund ongoing water quality sampling within the watershed through partnership with ACD.	Х*		
B: Water Quality	Partner and fund a portion of water quality projects identified by ACD to improve water quality. Note that the TAC will prioritize project selection (Lake George, Rum River bank stabilization, projects identified within a SWAS).	Х*		
	Partner and fund a portion of bank stabilization projects along the Rum River. ACD completed a stream bank inventory in 2017 & 2018 to identify potential sites and interested private landowners. Potential to complete projects on public property as well.Note that the TAC will prioritize project selection (Lake George, Rum River bank stabilization, projects identified within a SWAS).	Х*		

	EX-2: URRWIND Plan Strategies and Responsible Parties (continued)		nsible rty	
Goal Area	Strategy Description	URRWMO	Community	
B: Water Quality (continued)	Partner and fund an urban stormwater retrofit project that provides water quality benefits to the Rum River. TAC will recommend the project(s) based on SWAS and amend this plan with specific details to allow for grant funding. If additional SWAS's are completed, the TAC will incorporate new projects into consideration for prioritization.	X	Х	
	Review goals within WRAPS report, identify successful/under-performing projects, and water quality sampling data. Revise WRAPS strategies based on progress. Complete a physical inspection of all BMPs and identify deficiencies and potential	Χ	X	
C: Wetlands	retrofits. Require member communities to enforce regulatory controls for new development and redevelopment construction projects. TAC will meet to discuss and revise wetland buffer standards. Standards will be distributed to member communities.	х х		
D: Groundwater	Require member communities to review (and enforce) wellhead protection plans and infiltration standards.	X	Х	
E: Drainage Systems	Consider reassigning the jurisdiction over the county ditches within the watershed. Provide funding for watershed culvert inventory. Coordinate with ACD to ensure			
F: Reduce Erosion	 consistent data collection methodology. Partner and fund a portion of bank stabilization projects along the Rum River. ACD is completed a stream bank inventory in 2017 & 2018 to identify potential sites and interested private landowners. Potential to complete projects on public property as well. Note that the TAC will prioritize project selection (Lake George, Rum River bank stabilization, projects identified within a SWAS). 	X* X*	X	
	Review of local erosion control ordinances to confirm compliance with federal, state and local standards. If needed, the URRWMO Board will authorize the Watershed Coordinator to complete a review of updated ordinances to confirm they comply with the URRWMO's Standards.		Х	
G: Protect and Enhance Fish and	Update URRWMO website to include education materials on the prevention and control of aquatic and invasive species. Materials provided by the Anoka County Parks Aquatic Invasive Species Prevention Program.	X		
Wildlife Habitat	Review of local shoreland management ordinances to confirm compliance with federal, state and local standards.		Х	

Table EX-2: URRWMO Plan Strategies and Responsible Parties (continued)

Goal Area	Strategy Description	URRWMO	Community	
	Hire a Watershed Management Coordinator handle daily operations of the URRWMO and to represent the Board to municipalities, agencies and other water resource management entities.	Х		
	Review of annual budget and funding from member communities.	Х	Х	
	Proactively research grant funding opportunities to support URRWMO projects.	Х		
H: Commission	Promote investment within the watershed by encouraging members of the public and appointed officials from communities to attend URRWMO meetings.	Х	Х	
Operations and Programming	Update (overhaul) the URRWMO website to keep up with current technology and security measures.	Х		
	Fund ongoing water quality sampling within the watershed through partnership with ACD.	Х*		
	Each member city is required to prepare a local water management plan that conforms with the URRWMO Plan. The URRWMO will then review and, if appropriate, approve each local water management plan.	х	Х	
	Coordinate regular TAC meetings to review status of watershed planning efforts, specifically as it relates to ordinance updates & compliance, proposed project selection, and assessment towards water quality goals.	х		

Table EX-2: URRWMO Pla	n Stratagias and	Decononciple Darties	(continued)
1000 FA-7 UKKVVIVIU PIZ	n Sirareoles and	Responsible Parties	(commuea)
			(001101000)

†Some strategies appear twice within the table, and the ID is duplicated. These strategies were deemed to be of high importance to several goal areas, and therefore were repeated for emphasis.

*Some services might be contracted to ACD or other qualified consultant by the URRWMO to fulfill this responsibility.

This Plan provides direction for URRWMO activities through the year 2028. The URRWMO Board may initiate amendments to this plan at any time.

Plan Amendments

This plan will be in effect for ten (10) years from the date of BWSR approval, unless significant changes to the plan are deemed necessary prior to that date. All amendments to this Plan must follow the procedures set forth in this section, or as required by State laws and rules, as revised. Plan amendments may be proposed by any person, agency, city, or the County to the URRWMO Board, but only the URRWMO may initiate the amendment process. The URRWMO may amend its Plan in the interim if either changes are required or if problems arise that are not addressed in the Plan. The URRWMO will follow the plan amendment process described in Minnesota Statutes 103B.231, Subd. 11 unless the proposed amendment is considered a minor amendment according to the criteria described in Minnesota Rules 8410.

This plan requires amendments to the local water management plans of member communities in the form of comprehensive revisions to all ordinances related to water resources management, as well as the inspection and assessment of the function of existing structural drainage infrastructure and stormwater management practices. As before, communities will retain the responsibility to review and approve development projects to ensure that the requirements of ordinances are followed.

- 8. **Capital Improvement Projects:** Member cities implement the capital improvement projects identified herein.
- 9. Finances: Each member city is required to contribute annually to the URRWMO operating fund.
- 10. Annual Reporting: Each member city is required to complete an Annual Activity Report (Appendix E) to the URRWMO.

5.3 Strategies and Implementation Schedule

5.3.1 Implementation Program Components

As stated in the Chapter 5 introduction, this current plan is geared toward project development within the watershed, while maintaining a monitoring program and continuing administrative activities. An implementation schedule was created to provide clarity of each implementation activity: a strategy description, the responsible parties (e.g. URRWMO, Member Communities, or ACD), and timeframe for completion. Each activity is tied to one (or more) of the URRWMO goal statements, and was designed to be measureable. This will allow the URRWMO to regularly assess their process towards each goal, identify success-stories and problems, and keep the organization on a defined timeline. Each strategy was assigned an ID, which is cross referenced within the 10-year Implementation Budget (Section 5.3.1) to more adequately assess the costs associated with each activity. **Table 5-3** provides a list of all the proposed strategies and an implementation schedule for the URRWMO within the 2019-2028 planning cycle.

l Management Plan	- Rum River WMO
Watershed	Upper Rum

Chapter 5 – Implementation Plan March 2019

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Strategie
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2019 -
URRWMO
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	Strategy ID +	-	5	m	4	ß
	Interim 10-yr Mile-stone					
	Time-line to reach goal	2020	Annually	2020	Annually	2026
	e Party VinummoO	×	×	×		×
	Responsible DRRWMO Community				×	
hedule	Goal/Target	100% compliance	100% compliance	100% compliance	100% compliance	100% compliance
URRWIMO 2019 – 2028 Strategies and Implementation Schedule	Measurement Method	Minimum runoff control standard developed for the URRWMO & integrated into the approved Regulations table (Appendix D). Annual reports from communities indicating ordinance compliance.	Annual reports from communities documenting the volume of floodplain fill and compensatory storage.	Annual reports from communities indicating ordinance compliance.	Annual report from the WMO documenting review process, discussion and decisions.	Reports from each community identifying BMP locations, condition and potential improvements.
Table 5-3: URRWMO 2019 – 20	Strategy Description	Establish a uniform minimum runoff control standard for new development and redevelopment that incorporates current stand federal standards. Maintaining post- development 2, 10., and 100-yr peak runoff rates at predevelopment levels. Review of local rate control and infiltration requirements to confirm compliance with URRWMO. If desired, the URRWMO Board co anuborize the Vatershed coordinator to complete a review of updated ordinator to complete a review of updated ordinator to complete a review of UMRWMO's Standards.	Documentation of development projects that impact floodplains.	Review of local floodplain management ordinances to confirm compliance with federal, state and local standards. If desired, the URRWMO Board can authorize the Watershed Cordinances to confirm the vatershed ordinances to confirm they comply with the URRWMO's Standards.	Prohibit new discharges from land locked basins unless an engineering study is completed to evaluate the effects of the outlet and design to mitigate impacts.	Complete a physical inspection of all BMPs and identify deficiencies and potential retrofits.
	Strategy Type	Ordinance	Inventory	Ordinance	Review	Inventory
1	Location	Communities	Communities	Communities	Watershed wide	Communities
	Goal	Å.1	A.2	A.2	A.3	A.4 (B.5)
	Goal Area		A: Water Quantity and Floodplain Management	I	I I	I

Chapter 5 – Implementation Plan March 2019

		Strategy ID †	۵	2	8	6	10	11	12	13
		Interim 10-yr Mile-stone			TP <24 mg/L	TP < 23 mg/L	TP= 20 mg/L		Exceedance < 25%	Measured decrease in TP
		Time-line to reach goal	2020	Annually	20 years	30 years	20 years		35 years	>10 years
	Responsible Party	ViinnmmoD	×					~		
	Responsi	оммяяи		*×	**	**	**	*×	*×	**
Table 5-3: URRWIMO 2019 – 2028 Strategies and Implementation Schedule		Goal/Target	100% compliance	ца	WRAPS Goal: TP=22.5mg/L	WRAPS Goal: TP=17.8mg/L	WRAPS Goal: TP=18.7mg/L	WRAPS Goal: TP=28.3 mg/L	WRAPS Goal: Geo Mean: 126/100 ml Individual 1,260/100 ml	WRAPS Goal: Keep MSHA average scores at "good" rating. Reduce TP to fall below standard.
	Measurement Method		Annual reports from communities indicating ordinance compliance.	Annual review of water quality sampling to detect trends of increasing/decreasing water quality	Review TP concentration in Lake George towards WRAPS goal	Review TP concentration in Pickerel Lake towards WRAPS goal	Review TP concentration in East Twin Lake towards WRAPS goal	Review TP concentration in Minard Lake towards WRAPS goal	Review <i>E. Coli</i> concentration in East Twin Lake towards WRAPS goal	Review MISHA and TP concentration in Rum River towards WRAPS goal
Table 5-3: URRWMO 2019 – 20		Strategy Description Strategy Description Review of post-development stormwater treatment ordinarces to confirm compliance with federal, state and local standards. If desired, the URRWMO Board can authorize the Watershed Coordinator to complete a review of updated ordinances URRWMO's Standards.					ongoing water quality sampling within vatershed through partnership with	ACD.		
		Strategy Type Ordinance					Sampling			
36 - 37		Location		Watershed wide						
		Goal	B.1 & B.2			51	B.3 & H.4			*****
		Goal Area			B: Water Quality	-			2	

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Table 5-3: URRWIMO 2019 – 2028 Strategies and Implementation Schedule

	Strategy ID †	14	5 1	16
	Interim 10-yr Mile-stone	Complete 1 project. Start a 2nd project	Complete 1 project. Start a 2nd project	Complete 1 project. Start a 2nd project
	Time-line to reach goal	10 years	10 years	10 years
Responsible Party	γiinummoጋ			×
Respons	оммяяи	* ×	*	×
	Goal/Target	Provide funding for 2+ projects within 10-year planning period. Reduce watershed TP loading by 20 lbs (9%). Any new development that drains directly to Lake George will require pre- and post- require pre- and post- development TP and runoff volume and rates to be the same. (refer to Lake George Qater Quality Improvement Asessment report)	Provide funding for 2+ projects within 10-year planning period Install riverbank stabilizations achieving 180 tons/yr of suspended solids reduction and 250 lbs/yr phosphorus reduction. 25 project sites have been identified (refer to 2018 ACD riverbank inventory, guidance document).	Provide funding for 2+ projects within 10-year planning period. Install projects reducing TP by at least 3 lbs/yr and TSS by 500 lbs/yr.
	Measurement Method	Annual report from ACD indicating progress. Project description outlining TP load reductions for each implemented project.	Provide funding for 2+ projects within 10-year planning period Annual report from ACD indicating progress. Install riverbank stabilizations Project description outlining TSS and TP suspended solids reduction and load reductions for each implemented reduction. 25 project sites project. have been identified (refer to 2018 ACD riverbank inventory guidance document).	Annual report from partner agency/community indicating progress. Project description outlining TSS and TP load reductions for each implemented project.
	Strategy Description	Partner and fund a portion of water quality projects identified by ACD to improve water quality. Note that the TAC will prioritize project selection (Lake George, Rum River bank stabilization, projects identified within a SWAS).	Partner and fund a portion of bank stabilization projects along the Rum River. ACD completed a stream bank inventory in 2017 & 2018 to identify potential sites and interested private landowners. Potential to complete projects on public property as well. Note that the TAC will prioritize project selection (Lake George, Rum River bank stabilization, projects identified within a SWAS).	Partner and fund an urban stormwater retrofit project that provides water quality benefits to the Rum River. TAC will recommend the project(s) based on SWAS and amend this plan with specific details to allow for grant funding. If additional SWAS's are completed, the TAC will incorporate new projects into consideration for prioritization.
	Strategy Type	Best Management Practices	Best Management Practices	Best Management Practices
	Location	Lake George	Rum River	Rum River/St. Francis
	Goal	ຕ <u>ຼ</u>	8. 3 & F. 1.	m a
	Goal Area		B: Water Quality (continued)	

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		Strategy ID †	17	n n	18	19	20	21	22
		Interim 10-yr Mile-stone							
		Time-line to reach goal	5 years	2026	2020	2020	2020	2021	2022
	Responsible Party	γtinummoጋ		×			×		×
1	Respons	оммяяи	×		×	×	×	×	**
chedule		Goal/Target	Revised strategies by 2022	100% compliance	100% compliance	100% compliance	100% compliance	100% compliance	Inventory 100% complete
URRWMO 2019 – 2028 Strategies and Implementation Schedule		Measurement Method	At least 2 URRWMO board meetings focused on WRAPS progress towards goals. Participate in at least 50% of WRAPS meetings with partnering agencies.	Reports from each community identifying BMP locations, condition and potential improvements.	Annual reports from communities indicating ordinance compliance.	Meeting minutes from TAC meeting and revised standards documents.	Annual reports from communities indicating ordinance compliance. One URRWMO meeting that includes a presentation of all wellhead protection plans within the URRWMO and their major components as an educational exercise.	One URRWMO meeting that discusses current policies in regards to ditches and consider potential improvements.	Inventory completion.
Table 5-3: URRWMO 2019 – 20		Strategy Description	Review goals within WRAPS report, identify successful/under performing projects, and focused on WRAPS progress towards water quality sampling data. Revise WRAPS Participate in at least 50% of WRAPS strategies based on progress.	Complete a physical inspection of all BMPs and identify deficiencies and potential retrofits.	Require member communities to enforce regulatory controls for new development and redevelopment construction projects.	TAC will meet to discuss and revise wetland buffer standards. Standards will be distributed to member communities.	Require member communities to review (and enforce) wellhead protection plans and infiltration standards.	Consider reassigning the jurisdiction over the county ditches within the watershed.	Provide funding for watershed culvert inventory. Coordinate with ACD to ensure consistent data collection methodology.
		Strategy Type	Review	Inventory	Ordinance	Ordinance	Ordinance	Review	Inventory
		Location	Watershed wide	Communities	Communities	URRWMO	Communities	Watershed wide	Watershed wide
		Goal	B.4	B.5 (A.4)	C.1	C.2	D.1	E.1	E.2
		Goal Area	B: Water Quality (continued)		- C: Wetlands		D: Groundwater	E: Drainage Svstems	

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Watershed Management Plan Upper Rum River WMO	ent Plan J						7		Chapter 5	Chapter 5 – Implementation Plan March 2019	ntation Plan March 2019
				Table 5-3: URRWMO 2019 – 20	Table 5-3: URRWMO 2019 – 2028 Strategies and Implementation Schedule	chedule					
							Responsible Party	Party			
Goal Area	Goal	Location	Strategy Type	Strategy Description	Measurement Method	Goal/Target	оммяяи	روسسر تو آ	Time-line to Inte reach goal Mi	Interim 10-yr Mile-stone	Strategy ID †
	F.1 & B.3	Rum River	Best Management Practices	Partner and fund a portion of bank stabilization projects along the Rum River. ACD is completed a stream bank inventory in 2017 & 2018 to identify potential sites and interested private landowners. Property as well.	Annual report from ACD indicating progress.	Provide funding for 2 projects within 10-year planning period	*×		10 years	Complete 1 project. Start a	15
F: Reduce Erosion				Note that the TAC will prioritize project selection (Lake George, Rum River bank stabilitation, projects identified within a SWAS).			en e				
	C. E	Communities	Ordinance	Review of local erosion control ordinances to confirm compliance with federal, state and local standards. If desired, the URRWMO Board can authorize the Watershed Coordinator to complete a review of updated ordinators to confirm they comply with the URRWMO's Standards.	Annual reports from communities indicating compliance.	100% compliance		×	2020		23
G: Protect and Enhance Fish and Wildlife Habitat	гi Г	URRWMO	Education	Update URRWMO website to include education materials on the prevention and control of aquatic and invasive species. Materials provided by the Anoka County Parks Aquatic Invasive Species Prevention Program.	Website updated.	100% compliance	×		2020		24
	G.2	Communities	Ordinance	Review of local shoreland management ordinances to confirm compliance with federal, state and local standards.	Annual reports from communities indicating compliance.	100% compliance		×	2020		25
H: Commission Operations	All Goals	URRWMO	Administrative	Hire a Watershed Management Coordinator handle daily operations of the URRWMO and to represent the Board to municipalities, agencies and other water resource management entities.	Staff member hired	Staff member hired	×		2020		26
and Programming	Г. Н	Communities	Review	Review of annual budget and funding from member communities.	Meeting minutes from annual meeting addressing the URRWMO budget, 10-year plan goals, and funding needs.	Annual meeting with revised budget to reach 10-year plan goals.	×	×	Annually		27
	H.2	URRWMO	Grant Applications	Proactively research grant funding opportunities to support URRWMO projects.	Grant application and URRWMO annual reports.	Five grant applications within 10-year planning period	×		2028		28

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ntation Schedule	
Implemer	
Strategies and	
019 - 2028	
-3: URRWMO 2019	
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	30	t q					
		Strategy ID †	29	30	7-13	31	
		Interim 10-yr Mile-stone	1				
		Time-line to reach goal	2028	2020	Annually	2020	Annually
	ble Party	Հուստասօշ	×			×	
	Responsible Party	оммяяи	×	×	**	×	×
chedule		Goal/Target	20% of URRWINO meeting attendees are not members of the board	100% compliance	Provide annual funding for sampling.	100% compliance	At least one meeting annually, with additional meetings with additional meetings of the and the and the annual period (2019-2021) to planning period (2019-2021) to planning period (2019-2021) to accomplish specific tasks listed in Section 5.1.3
Table 5-3: URRWMO 2019 – 2028 Strategies and Implementation Schedule		Measurement Method	Meeting attendance records.	Website updated.	Annual report from ACD on sampling. Revise sampling schedule annually.	Annual reports from communities status of plan review and status of uRRWMO.	Meeting minutes from gatherings, published on the URRWMO website.
Table 5-3: URRWMO 2019 – 20		Strategy Description	Promote investment within the watershed by encouraging members of the public and appointed officials from communities to attend URRWMO meetings.	Update (overhaul) the URRWMO website to keep up with current technology and security measures.	Fund ongoing water quality sampling within the watershed through partnership with ACD.	Each member city is required to prepare a local water management plan that conforms with the URRWMO Plan. The URRWMO will then review and, if appropriate, approve each local water management plan.	Coordinate regular TAC meetings to review status of watershed planning efforts, specifically as it relates to ordinance updates & compilance, proposed project selection, and assessment towards water quality goals.
		Strategy Type	Education	Education	Sampling	Review	Review
		Location	URRWMO	URRWMO	Watershed wide	Communities	URRWMO
		Goal	с; т	Н.3	H.4 & B.3	All Goals	H.1, A.1, A.2, A.3, A.4, B.1, B.2, B.3, B.4, B.5, C.2, D.1, C.2, F.1, F.2, E.2, F.1, F.2
		Goal Area	1		H: Commission Operations	and Programming (continued)	

[†]Some strategies appear twice within the table, and the ID is duplicated. These strategies were deemed to be of high importance to several goal areas, and therefore were repeated for emphasis. *Some services might be contracted to ACD or other qualified consultant by the URRWMO to fulfill this responsibility.

5.3.2 Implementation Program Budget

Table 5-4 provides a comprehensive list of the projects, activities, and programs that comprise the URRWMO implementation program. Each of the strategies listed within Table 5-3 are cross-referenced to the budget to visualize how funds are allocated. Any annual activities were assigned a 2.5% inflation increase per year to account for rising project costs.

Three (3) different projects were identified throughout the planning process: Lake George Water Quality Projects, Rum River Bank Stabilization Projects and the St. Francis Stormwater BMP Retrofits (Section 5.1.4). The URRWMO is committed to supporting these efforts by allocating a portion of its annual funds for *grant matching*. Many grant applications require that the grantee "match" a portion of the funds that the grant provides. By offering a grant matching money, the URRWMO will improve the likelihood of a project receiving grant dollars.

However, since the timing of the grant applications are unknown, the URRWMO decided to start saving a set amount each year. All of the estimated grant matching amounts for the aforementioned three projects were summed and divided over the 10-year planning cycle. This allows the URRWMO to save over time, and grant matching funds will be available as applications are submitted.

In addition, if an implementation activity is completed under budget or no longer completed, the WMO will apply those remaining funds to address the next priority issue/project.

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				2019	19	2020		2021		2022		2023		2024	- uncarse	2025	2	2026	2027		2028	Notes on budget items†
Strategy ID	Description		Estimated hr/year	OMMO	MC	MMO	MC	NMO	MC	OMW	MC	M OMW	MC WMO	10 MC	oww ,	MC	OMW	, MC	oww	MC	MM0	MC
2, 4, 18, 20, 27,		Annual Financial Report	(8)	\$640		\$656		\$672		\$689	\$1	\$706	\$724	24	\$742		\$761		\$780		\$799	
29	1	Annual Report for BWSR	(16)	\$1,280		\$1,312		\$1,345	¢,	\$1,378	\$1,	\$1,413	\$1,448	48	\$1,484		\$1,522		\$1,560	0	\$1,599	Each community committed to documenting local activities.
26	Watershed	Facilitate Regular URRWMO Meetings	(40)	\$3,200		\$3,280		\$3,362	-vi	\$3,446	\$3,5	\$3,532	\$3,621	51	\$3,711		\$3,804		\$3,899	- vi	\$3,996	Assumed 4 hours for Coordinator to organize 10 meetings per year.
19, 21, 32	Management Coordinator Cost for 2019 are based on estimated hours at a rate of \$80/hr	Semi-Annual TAC meeting‡	Variable. See notes,	\$3,200	000'6\$	\$6,560 \$	\$18,450	\$6,724 \$1	\$18,911 \$1	\$1,723 \$4,	\$4,846 \$1,7	\$1,766 \$4,5	\$4,967 \$1,810	10 \$5,091	1 \$1,856	\$5,219	\$1,902	\$5,349	\$1,949	\$5,483	,25,998	Assuming 2.5% inflation increase per year for amual activities. Assuming 20 hours for Coordinator to organize each of the meeting and 5750 per community the meeting, and 5750 per community the meeting in 2020 and 2021, and one meeting per year for 2022-3028.
31		Review Local Water Management Plans	(96)			\$7,872				4 								~		af year on a team and an a day		Assuming 16 hours per community.
28		Grant Applications	(45)	\$3,600		\$3,690		\$3,782	ŝ	\$3,877	\$3,	\$3,974	\$4,073	173	\$4,175		\$4,279		\$4,386	0	\$4,496	Assuming one (1) grant application per year.
		Misc. Administrative Activities	(20)	\$1,600		\$1,640		\$1,681	i vi	\$1,723	\$1,:	\$1,766	\$1,810	10	\$1,856		\$1,902		\$1,949	\$	\$1,998	
	Watershed Insurance			\$2,300		\$2,358		\$2,416	, š	\$2,477	\$2,1	\$2,539	\$2,602	02	\$2,667	2	\$2,734		\$2,802		\$2,872	
	Audit in 2020 and 2025	a			100000000000000000000000000000000000000																	Insurance dividends received amually should be placed in an account for future audits and watershed plan updates. Each audit is estimated to be approximately \$2000.
	Secretarial Services			\$1,200		\$1,230		\$1,261	ŝ	\$1,292	\$1,	\$1,325	\$1,358	58	\$1,392		\$1,426		\$1,462		\$1,499	
24	Public Education & Ou	Public Education & Outreach, Contracted to ACD	VCD	\$1,000	*******	\$1,025		\$1,051	- 65	\$1,077	\$1,:	\$1,104	\$1,131	31	\$1,160		\$1,189		\$1,218	-s	\$1,249	
, 9, 10, 11, 12 13	7, 8, 9, 10, 11, 12, Water Quality Monitoring	ring		\$7,500	u 1600000000000000000000000000000000000	\$7,500	******	\$7,500	\$\$ \$	\$7,500	\$7,	\$7,500	\$7,500	8	\$7,500		\$7,500		\$7,500	~	\$7,500	Reference Section 5.1.2 for more details on the Monitoring plan and funding schedule.
24, 30	Website Maintenance and Updates	and Updates		\$800		\$820		\$841		\$862	\$8	\$883	\$905	5	\$928		\$95 1		\$975		666\$	\$800 for annual maintenance with assumed 2.5% inflation increase per year.
	Next 10-year plan update	ate			6801960399903999		1010020501055552				650000000000		-		× 20010000000000000000000000000000000000		-			5	¢50.000	-

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						Ĥ	able 5-4	: 2019 -	2028 lm	plement	Table 5-4: 2019 – 2028 Implementation Program and Budget	gram anc	l Budget								
			2019		2020				2022		2023	2024		2025		2026		2027	2	2028	Notas on budget items†
	Strategy ID	Description Estimated hr/year	OMMO	MC	OMMO	MC W	MMO M	MC W	WMD MC	C WWO	MC	MMO	MC	MMO	MC	WM0	MC WI	WMO MC	MMO	MC	
	14	Lake George water quality project		**************************************																	Money will be used as the local match with principal funding from grants, completing one grant application per year. If grant funding is not secured for one perfict year, the forward will be related by the URRWING and combined with turne years' allocations for three years. If accumulated project
Projects	15	Rum River bank stabilization project		92000-02000-020000000000000000000000000	15,000		15,375	5	15,759	16,153	ŋ	16,557	94429444444444444444444444444444444444	16,971		17,395	17	17,830	18,276	-	In most SAT to the mount of the mount of the mount of the mount based on high-ranking projects), the following year(s) budgets for this item may be reduced to zero. The the the project shall be interfaced and selected by the TAC overtime. If the project casts accessed grant funding availability, the URRWNO will revise their budgeting appropriately to accommodate.
	16	Projects from Adopted Subwatershed Assessment Studies (SWAS) (e.g. St. Francis Stormwater Retrofit)				Curto 2010 2010 2010 2010 2010 2010 2010 201															Current estimates are based on a 75K project/SWAS Current estimates are based on a 75K project/SWAS URRWINO providing a 25% match (15K), and assuming 2.25% initiation increase per year to account for rising costs.
	22	Watershed Culvert Inventory				\$20,000	\$21	\$20,500													Each community committed to completing culvert inventory, in accordance with guidance provided by TAC.
	S	Stormwater BMP assessments											\$30,000				eterenceseconteconeros		desession	\$33,114	\$33,114 Assessments shifted to later within the 10-year cycle to assist in budgeting.
entories/ stnemzse:	1, 3, 6, 23, 25	Municipal Ordinance Review			<u>v</u>	\$30,000															Each community committed to ordinance review, in accordance with guidance provided by TAC. Assuming five (5) ordinances to review for six (6) communities.
	16	Subwatershed Assessment Studies (SWAS) for Waterbodies of Interest				27 27	\$15,375			\$16,153			000000000000000000000000000000000000000	\$16,971			\$11	\$17,830			Anticipated to apply for grant funding for SWAS in 2020 and complete the SWAS the following year. Current estimates are based on a GOK SWAS study. This cycle will repeat biennially.
	17	WRAPS Review		64224324342000000000		Istentosoccionamentotor			16 - ×	\$3,500	g										
	Totals for	Totals for URRWMO and Member Communities	\$26,320	000,6\$	\$52,943 \$	\$68,450 \$61	385	\$39,411 \$41,803		\$4,846 \$62,314	14 \$4,967		\$43,540 \$35,091	\$61,412	\$5,219 \$	\$45,365	\$5,349 \$64	\$64,141 \$5,483	052000000000000000000000000000000000000	\$97,281 \$38,734	
													-								
وrant Funding	28	Assuming one (1) application per year, alternating an applications for a project and an application for a SWAS.			\$60,000	Q	\$61,500		\$63, <i>038</i>	~>	\$64,613	\$66,229	229	\$67,884	84	\$69,582		\$71,321	\$3	\$73,104	Current estimates are based on a 75% project/SWAS study, consisting of GMK in grant funds with the WithWO provided a 55% match [15K], and assuming 2.5% inflation increase per year to account for rising project casts.

M.C. Member Communities. Dollor amounts listed are cumulative for all communities. Values are only listed if the task is specifically for the URRWMO and not already within normal municipal budgeting. Estimated amounts will not be given to the WMO, but will be in-kind contributions. Testime 2.5 Miner and an interview of the method for a service of annual activities. Values are only listed if the task in processes annual activities. Values are only listed if the task is specifically for the URRWMO and not already within normal municipal budgeting. Estimated amounts will not be given to the WMO, but will be in-kind contributions. Testime 2.5 Miner and the interview of the

COMMITTEE RECOMMENDATIONS

Administrative Advisory Committee

1. Review of Legislative Outcomes – Angie Becker-Kudelka – INFORMATION ITEM