



# Joint Policy and Steering Committee Meeting

Thursday, December 15, 2022

9:00 AM – 11:00 AM

## Meeting Location (In-Person)

Cottonwood County Law Enforcement Center

902 5<sup>th</sup> Avenue, Windom, MN

## Remote Meeting Link

WebEx Link on next page

<i>Agenda Items</i>	<i>Action</i>	<i>Time</i>
1. Welcome and Business Items <ul style="list-style-type: none"> <li>● Approve minutes</li> <li>● Approve bills</li> </ul>	--	5 min
2. BEAST Spreadsheet <ul style="list-style-type: none"> <li>● Overview and discussion</li> <li>● Approve use of remaining Planning Grant funds</li> </ul>	Approve	10 min
3. MS4Front Tracker <ul style="list-style-type: none"> <li>● Demonstration by Brian Fischer, HEI</li> <li>● Approve pursuing for implementation</li> </ul>	Approve	40 min
4. Resolutions for Adoption of Plan	Decide	10 min
5. Implementation Planning <ul style="list-style-type: none"> <li>● Roles and Responsibilities</li> <li>● Funding Request and Annual Work Plan</li> </ul>	Discuss	50 min
6. Action Items and Next Meetings	Discuss	5 min

## *Remote Meeting Link*

### **Join from the meeting link**

<https://cottonwoodsoilandwaterconservationdistrict.my.webex.com/cottonwoodsoilandwaterconservationdistrict.my/j.php?MTID=m93fdab7ef0449fb701c0ac7859959ce3>

### **Join by meeting number**

Meeting number (access code): 2555 512 9920

Meeting password: Ge7jhw7qbd5 (43754977 from phones and video systems)

### **Tap to join from a mobile device (attendees only)**

[+1-415-655-0001,,25555129920#43754977#](tel:+1-415-655-0001,25555129920#43754977) US Toll

Some mobile devices may ask attendees to enter a numeric password.

### **Join by phone**

+1-415-655-0001 US Toll

[Global call-in numbers](#)

### **Join by video system, application or Skype for business**

Dial [25555129920@webex.com](tel:25555129920@webex.com)

You can also dial [173.243.2.68](tel:173.243.2.68) and enter your meeting number.

# **Des Moines River One Watershed One Plan**

## **Policy Committee Meeting & Public Hearing**

Friday, October 7, 2022

Policy Committee Members: Dave Thiner, Murray County; Justin Ahlers, Nobles County; Rick Nelson, Nobles SWCD; Norman Holmen, Cottonwood County; Tom Appel, Cottonwood County; Richard Koons, Martin County; Phil Nasby, Jackson County; Linda Meschke, Martin SWCD; Rick Anderson, Lyon County; Karen Hurd, Murray SWCD;

Staff: Sarah Soderholm, Murray County; Shelly Lewis, Murray SWCD; Breanna Wagner, Cottonwood SWCD; Nathan Harder, Cottonwood SWCD; Kay Gross, Cottonwood County; Mark Koster, Nobles County; Ashley Brenke, Martin SWCD; Danielle Evers, Pipestone SWCD; John Biren, Lyon County; Mark Bartosh, HLWD; Loretta Halbur, HLWD; Andy Geiger Jackson County; Dan Bartosh, Jackson SWCD; Rachel Olm, HEI;

### **Public Hearing**

The public hearing was opened at 9:04 a.m.

Introductions

Rachel Olm reviewed the 1W1P process by covering the following topics:

Planning Process

Priority Areas

Priority Concerns

Measurable Goals

Formal Review

With no further discussion on the review of the planning process, Rick Anderson opened the meeting up to public comment. The following comments were received:

Linda Meschke - Supports the policy committee in approving the plan.

Rick Anderson – Plan is easy to read and apply.

With no further comments, the public hearing ended at 9:21 a.m.

### **Policy Committee Meeting**

Policy Committee meeting was brought to order at 9:22 a.m.

A motion was made by Tom Appel and seconded by Phil Nasby to approve the previous meetings minutes. Motion passed unanimously.

A motion was made by Justin Ahlers and seconded by Richard Koons to approve moving the 1W1P to local SWCD boards for approval. Motion passed unanimously.

Dan Bartosh reviewed the bids for printing the 1W1P documents. The Livewire bid \$102.58/document, Henle Printing Company bid \$90.05/document, and Western Printing Company bid \$55.41/document.

A motion was made by Dave Thiner and seconded by Richard Koons to accept the bid of \$55.41/document by Western Printing Company. Motion passed unanimously.

Sarah Soderholm updated the group on the status of the JPA for the DMR 1W1P. After review, the Nobles County attorney has delivered the revised draft. The by-laws will be reviewed by the same attorney after the revised JPA is approved.

With there being no further business, the meeting was adjourned at 9:34 a.m.

Submitted respectfully,

Tom Muller

Secretary

## **IMPORTANT NOTE**

In this document, you will find three slightly different resolutions; however, the objective of those resolutions is the same (see “Now, Therefore, be it resolved” line). Differences in existing local plans and references to Minnesota Statute require separate versions for Counties (page 2), Soil and Water Conservation Districts (page 4) and Watershed Districts (page 5).

RESOLUTION [insert number]  
RESOLUTION TO ADOPT AND IMPLEMENT THE DES MOINES RIVER WATERSHED  
COMPREHENSIVE WATERSHED MANAGEMENT PLAN

WHEREAS, [County name] (County) has been notified by the Minnesota Board of Water and Soil Resources that the Des Moines River Watershed Comprehensive Watershed Management Plan (Plan) has been approved according to Minnesota Statutes §103B.801 and Board Resolutions # 18-14 and # 19-41:

WHEREAS, Minnesota Statutes §103B.101, subd. 14 allows a local water management plan developed or amended, approved and adopted, according to chapter 103B to be replaced with a comprehensive watershed management plan but only to the geographic area of the Plan and consistent with the One Watershed, One Plan suggested boundary map.

NOW; THEREFORE, BE IT RESOLVED, the County hereby adopts and will begin implementation of the approved Plan for the area of the county identified within the Plan and the Plan replaces the local water management plan for that geographic area of the county within the Des Moines River Watershed Comprehensive Watershed Management Plan for the duration of the state approved Plan.

BE IT FURTHER RESOLVED, after the adoption of the Plan, the County shall amend existing water and related land resources plans and official controls as necessary to conform them to the Plan.

BE IT FURTHER RESOLVED, after the adoption of the Des Moines River Watershed Comprehensive Watershed Management Plan or amendments to the Plan, [County name] shall notify local units of government within the county. The local units of government are required to submit existing water and related land resources plans and official controls within 90 days to the County for review as per Minnesota Statutes, Section 103B.321.

BE IT FURTHER RESOLVED, that within 180 days, the County shall review the submitted plans and official controls and identify any inconsistencies between the local plans and official controls and the Plan. [County name] shall specify applicable and necessary measures to bring the local plans and official controls into conformance with the Plan.

BE IT FURTHER RESOLVED, if a local unit of government disagrees with any changes to its plan, the local unit has 60 days after receiving the County's recommendations to appeal the recommendations to the Board of Water and Soil Resources.

BE IT FURTHER RESOLVED, after receiving the recommendations of the County, or a resolution of an appeal, a local unit of government has 180 days to initiate revisions to its plan or official controls. The new or revised plans and official controls must be submitted to the County for review and recommendations.

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**CERTIFICATION**

**STATE OF MINNESOTA**

**County Name**

I do hereby certify that the foregoing resolution is a true and correct copy of a resolution presented to and adopted by **County Name** at a duly authorized meeting thereof held on the **Date** of **Month, year**.

---

**Name, Title**

RESOLUTION [insert number]  
RESOLUTION TO ADOPT AND IMPLEMENT THE DES MOINES RIVER WATERSHED  
COMPREHENSIVE WATERSHED MANAGEMENT PLAN

WHEREAS, [SWCD name] (SWCD) has been notified by the Minnesota Board of Water and Soil Resources that the Des Moines River Watershed Comprehensive Watershed Management Plan (Plan) has been approved according to Minnesota Statutes §103B.801 and Board Resolutions # 18-14 and # 19-41:

WHEREAS, Minnesota Statutes §103B.101, subd. 14 allows a comprehensive plan {or local water management plan}, developed or amended, approved and adopted, according to chapter 103C {or 103B} to be replaced with a comprehensive watershed management plan but only to the geographic area of the Plan and consistent with the One Watershed, One Plan suggested boundary map.

NOW; THEREFORE, BE IT RESOLVED, the SWCD hereby adopts and will begin implementation of the approved Plan for the area of the county identified within the Plan and the Plan replaces the comprehensive plan {or local water management plan} for the geographic area of the Plan for the duration of the state approved Plan.

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**CERTIFICATION**

**STATE OF MINNESOTA**

[SWCD name]

I do hereby certify that the foregoing resolution is a true and correct copy of a resolution presented to and adopted by [SWCD name] at a duly authorized meeting thereof held on the **Date** of **Month, year**.

---

Name, Title



RESOLUTION [insert number]  
RESOLUTION TO ADOPT AND IMPLEMENT THE DES MOINES RIVER WATERSHED  
COMPREHENSIVE WATERSHED MANAGEMENT PLAN

WHEREAS, [Watershed District name] (WD) has been notified by the Minnesota Board of Water and Soil Resources that the Des Moines River Watershed Comprehensive Watershed Management Plan (Plan) has been approved according to Minnesota Statutes §103B.801 and Board Resolutions # 18-14 and # 19-41:

WHEREAS, Minnesota Statutes §103B.101, subd. 14 allows a watershed management plan developed or amended, approved and adopted, according to chapter 103D to be replaced with a comprehensive watershed management plan but only to the geographic area of the Plan and consistent with the One Watershed, One Plan suggested boundary map.

NOW; THEREFORE, BE IT RESOLVED, the WD hereby adopts and will begin implementation of the approved Plan and the Plan replaces the watershed management plan for the duration of the state approved Plan.

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**CERTIFICATION**

**STATE OF MINNESOTA**  
**[Watershed District name]**

I do hereby certify that the foregoing resolution is a true and correct copy of a resolution presented to and adopted by [Watershed District name] at a duly authorized meeting thereof held on the **Date** of **Month, year**.

---

Name, Title

## **IMPORTANT NOTE**

In this document, you will find three slightly different resolutions; however, the objective of those resolutions is the same (see “Now, Therefore, be it resolved” line). Differences in existing local plans and references to Minnesota Statute require separate versions for Counties (page 2), Soil and Water Conservation Districts (page 4) and Watershed Districts (page 5).

RESOLUTION [insert number]  
RESOLUTION TO ADOPT AND IMPLEMENT THE DES MOINES RIVER WATERSHED  
COMPREHENSIVE WATERSHED MANAGEMENT PLAN

WHEREAS, [County name] (County) entered into a planning agreement Memorandum of Agreement to develop the Des Moines River Watershed Comprehensive Watershed Management Plan (Plan); and

WHEREAS, The County has been an active participant in the development of the Des Moines River Watershed Comprehensive Watershed Management Plan; and

WHEREAS, The County recommended the Des Moines River Watershed Policy Committee submit the Des Moines River Watershed Comprehensive Watershed Management Plan for State approval on [insert your County's date of approval]; and

WHEREAS, the Board of Water and Soil Resources (BWSR) Southern Region Committee met on [insert date] and decided to recommend the Plan be approved according to Minnesota Statutes 1038.101, subd. 14 at the BWSR Board meeting on [insert date]; and

WHEREAS, Minnesota Statutes §103B.101, subd. 14 allows a local water management plan developed or amended, approved and adopted, according to chapter 103B to be replaced with a comprehensive watershed management plan but only to the geographic area of the Plan and consistent with the One Watershed, One Plan suggested boundary map.

NOW; THEREFORE, BE IT RESOLVED, contingent on BWSR approval, [County name] hereby adopts and will begin implementation of the Plan for the area of [County name] identified within the Plan and serve as a substitute for the county local water management plan as per 103B for the duration of the State approved Plan.

BE IT FURTHER RESOLVED, after the adoption of the Plan, the County shall amend existing water and related land resources plans and official controls as necessary to conform them to the Des Moines River Watershed Comprehensive Watershed Management Plan.

BE IT FURTHER RESOLVED, after the adoption of the Des Moines River Watershed Comprehensive Watershed Management Plan or amendments to the Plan, [County name] shall notify local units of government within the County. The local units of government are required to submit existing water and related land resources plans and official controls within 90 days to the County for review as per Minnesota Statutes, Section 103B.321.

BE IT FURTHER RESOLVED, that within 180 days, the County shall review the submitted plans and official controls and identify any inconsistencies between the local plans and official controls and the Des Moines River Watershed Comprehensive Watershed Management Plan. [County name] shall specify applicable and necessary measures to bring the local plans and official controls into conformance with the Plan.

BE IT FURTHER RESOLVED, if a local unit of government disagrees with any changes to its plan, the local unit has 60 days after receiving the County's recommendations to appeal the recommendations to the Board of Water and Soil Resources.

BE IT FURTHER RESOLVED, after receiving the recommendations of the County, or a resolution of an appeal, a local unit of government has 180 days to initiate revisions to its plan or official controls. The new or revised plans and official controls must be submitted to the County for review and recommendations.

---

**CERTIFICATION**

**STATE OF MINNESOTA**

**County Name**

I do hereby certify that the foregoing resolution is a true and correct copy of a resolution presented to and adopted by **County Name** at a duly authorized meeting thereof held on the **Date** of **Month, year**.

---

**Name, Title**

RESOLUTION [insert number]  
RESOLUTION TO ADOPT AND IMPLEMENT THE DES MOINES RIVER WATERSHED  
COMPREHENSIVE WATERSHED MANAGEMENT PLAN

WHEREAS, [SWCD name] (SWCD) entered into a planning agreement Memorandum of Agreement to develop the Des Moines River Watershed Comprehensive Watershed Management Plan (Plan); and

WHEREAS, The SWCD has been an active participant in the development of the Des Moines River Watershed Comprehensive Watershed Management Plan; and

WHEREAS, The SWCD recommended the Des Moines River Watershed Policy Committee submit the Des Moines River Watershed Comprehensive Watershed Management Plan for State approval on [insert your SWCD's date of approval]; and

WHEREAS, the Board of Water and Soil Resources (BWSR) Southern Region Committee met on [insert date] and decided to recommend the Plan be approved according to Minnesota Statutes 1038.101, subd. 14 at the BWSR Board meeting on [insert date]; and

WHEREAS, Minnesota Statutes §103B.101, subd. 14 allows a comprehensive plan {or local water management plan}, developed or amended, approved and adopted, according to chapter 103C {or 103B} to be replaced with a comprehensive watershed management plan but only to the geographic area of the Plan and consistent with the One Watershed, One Plan suggested boundary map.

NOW; THEREFORE, BE IT RESOLVED, contingent on BWSR approval, [SWCD name] hereby adopts and will begin implementation of the Plan for the area of the [SWCD name] identified within the Plan and serve as a substitute for the SWCD comprehensive plan as per 103B for the duration of the State approved Plan.

---

**CERTIFICATION**

**STATE OF MINNESOTA**

**[SWCD name]**

I do hereby certify that the foregoing resolution is a true and correct copy of a resolution presented to and adopted by [SWCD name] at a duly authorized meeting thereof held on the **Date** of **Month, year**.

---

**Name, Title**

RESOLUTION **[insert number]**  
RESOLUTION TO ADOPT AND IMPLEMENT THE DES MOINES RIVER WATERSHED  
COMPREHENSIVE WATERSHED MANAGEMENT PLAN

WHEREAS, **[Watershed District name]** (WD) entered into a planning agreement Memorandum of Agreement to develop the Des Moines River Watershed Comprehensive Watershed Management Plan (Plan); and

WHEREAS, The WD has been an active participant in the development of the Des Moines River Watershed Comprehensive Watershed Management Plan; and

WHEREAS, The WD recommended the Des Moines River Watershed Policy Committee submit the Des Moines River Watershed Comprehensive Watershed Management Plan for State approval on **[insert your District's date of approval]**; and

WHEREAS, the Board of Water and Soil Resources (BWSR) Southern Region Committee met on **[insert date]** and decided to recommend the Plan be approved according to Minnesota Statutes 1038.101, subd. 14 at the BWSR Board meeting on **[insert date]**; and

WHEREAS, Minnesota Statutes §103B.101, subd. 14 allows a watershed management plan developed or amended, approved and adopted, according to chapter 103D to be replaced with a comprehensive watershed management plan but only to the geographic area of the Plan and consistent with the One Watershed, One Plan suggested boundary map.

NOW, THEREFORE, BE IT RESOLVED, contingent on BWSR approval, **[Watershed District name]** hereby adopts and will begin implementation of the Plan for the area of the **[Watershed District name]** identified within the Plan and serve as a substitute for the county local water management plan as per 103B for the duration of the State approved Plan.

---

**CERTIFICATION**

**STATE OF MINNESOTA**  
**[Watershed District name]**

I do hereby certify that the foregoing resolution is a true and correct copy of a resolution presented to and adopted by **[Watershed District name]** at a duly authorized meeting thereof held on the **Date** of **Month, year**.

---

**Name, Title**

**2023-2025 Des Moines River Watershed CWMP Key Milestones**

	Objective	Year 1 Milestones	Year 2 Milestones	Year 3 Milestones	Notes
<b>Admin/Coordination</b>	Grant reporting	Biannually Feb 1st - July 1st	Biannually Feb 1st - July 1st	Biannually Feb 1st - July 1st	
	DMRWP Joint Powers Board	Quarterly Jan-Apr-July-Oct	Quarterly Jan-Apr-July-Oct	Quarterly Jan-Apr-July-Oct	
	DMRWP Executive Board	Eight Times Feb-Mar-May-Jun-Aug-Sept-Nov-Dec	Eight Times Feb-Mar-May-Jun-Aug-Sept-Nov-Dec	Eight Times Feb-Mar-May-Jun-Aug-Sept-Nov-Dec	
	Technical Committee	Quarterly/as needed	Quarterly/as needed	Quarterly/as needed	
	Advisory Committee	Once a Year (Annual Report) Access to website for updates (ongoing) State Agencies will be copied on Technical Committee meetings	Once a Year (Annual Report) Access to website for updates (ongoing) State Agencies will be copied on Technical Committee meetings	Once a Year (Annual Report) Access to website for updates (ongoing) State Agencies will be copied on Technical Committee meetings	
	Fiscal management	Monthly	Monthly	Monthly	
	Annual report and State of the Watershed Report	Annually	Annually	Annually	
<b>Planning/Assessment</b>	Multipurpose Drainage Feasibility Studies		1 plan	1 plan	7 plans in 10 years (2 in Headwaters & E Fork; 1 in Lime Creek, Main Stem & HLWD)
<b>Inventory/Mapping</b>					
<b>Education/Information</b>	Outreach efforts-Surface Waters				Budgetted: \$20,000
	Outreach efforts-Groundwater				
	Outreach efforts-Local Knowledge				
	Outreach efforts-Land Stewardship				
<b>Project Development</b>	MAWQCP - Comprehensive Site Visits				Budgetted: \$10,000
<b>Technical Assistance</b>	Landowner Visits - State/Federal Programs				Budgetted \$90,000
	Tech/engineering assistance				
<b>BMP Implementation</b>	Agricultural Practices				Budgetted: \$688,021
	Non-Structural Management Practices				Budgetted: \$349,010
	Shoreland Protection				Budgetted: \$40,000 Streambank/Buffer: 5 miles in 10 years (1.5 mi in Headwaters, Lime Creek; 0.5 mi in HLWD, Main Stem; 1 mi in East Fork) Lake Shore Habitat: 2 acres in 10 years (0.5 acres in Headwaters, Lime Creek, HLWD; 0.25 acres in Main Stem and East Fork)
	Ground water Practices/Well Sealing	6 wells	12 wells	12 wells	Budgetted: \$30,000 (or approximately 30 wells) 260 wells in 10 years/ 26 wells per year
	Urban BMP Practices				Budgetted: \$5,000 300 acres in 10 years (60 acres in Headwaters, Lime Creek, HLWD, Main Stem, & East Fork)

# Des Moines River Watershed Partnership

FY2023 Watershed Based Implementation

(Approved [date])

## Grant Policy – Des Moines River Watershed Implementation Grant 2023-2025 Grant #[number]

### ABSTRACT:

The Des Moines River Comprehensive Watershed Management Plan focuses on 9 priority “A” and 9 priority “B” issues that are collectively addressed by 14 short-term and long-term measurable goals in the areas of groundwater, surface water, habitat, and land stewardship. Within Section 5: Targeted Implementation, planning regions summaries illustrate the prominence of priority issues changes within the 5 planning regions- Headwaters, Lime Creek-Upper Des Moines River, Heron Lake Watershed District, Main Stem Des Moines River and East Fork Des Moines River. Projects and Practices action tables, based on the priority issues changes for each planning region, summarize actions for implementing structural and non-structural practices and make progress toward our measurable goals. PTMApp was used to prioritize and target potential projects for each planning region based on the highest cost-benefit ratio for reducing sediment, total phosphorus, and total nitrogen. Additional action tables were created to address education and outreach and research and assessment goals. The highest priority for implementation efforts are.....

**Total Grant: \$1,414,031**

**Grant Match: \$141,403.10**

**Grant Period:**

### GUIDELINES:

1. All projects will be ranked through the Ranking and Scoring Worksheet – with a point value of [value] and above eligible for encumbrance. This will be reviewed every six months (approximately June, December of each year) to determine point eligibility.
2. Administration and Coordination: Funds will be distributed given to GBERBA- Murray County and Murray SWCD for the completion of Plan administration, coordination, the grant recording and financial responsibilities.
3. Numbering System for grant – WBIF–WW–21–(County #)–(Project # beginning with 01)
4. Proposed projects must be approved by the local SWCD Board prior to submission for funding. and then, projects will be presented to the Joint Powers or the Technical Committee and Policy/Executive Board for approval. Cost share projects exceeding \$50,000 must be approved by the Technical Committee prior to approval by the Joint Powers or Executive Board (Approval is not official until approved by the GBERBA Policy Joint Powers or Executive Board).
5. Payments for the completed projects will be approved by the local SWCD and then presented to the Technical Committee followed by the Policy/Joint Powers or Executive Board for final payment. All applicable paper work must be submitted to GBERBA-Murray SWCD before payments are made.
6. All projects will be consistent with the USDA NRCS FOTG or be a professionally accepted engineered or ecological practice.
7. All projects will have technical approval authority sign-off by credentialed staff or NRCS Job Approval Authority or TSA/ private engineer.
8. All project contracts will be completed through the appropriate BWSR GMA – Cost-Share Contract Workbook (Percent or Flat Rate).
9. The required installation date dates will be by [date] unless an approved amendment has been completed and approved by the Joint Powers or Executive Board.

PROJECT BUDGET		Non-State Funding %	State Funding Alone %	Maximum C-S Per Project	GRANT	CASH MATCH	BUDGET TOTAL
<b>Agricultural Practices</b>	PERCENTAGE Based Contracts/ Vouchers	95%	85%				
Grass Waterway, Terraces, Grade Stabilizations, WASCBs and Side Inlets	Applicable NRCS FOTG Practice Standard	Install by Date: [date]	Life of Practice(Yrs.) Grass Waterway-10 Terraces - 10 Grade Stab – 15 WASCOB – 10 Side Inlets – 10	\$50,000	\$688,021 <del>295,000</del>	TBD	TBD
<b>Non-Structural Management Practices</b>	FLAT RATE Contracts/ Vouchers (3 year duration)	Payment after first planting – spot check each additional year by local staff. Maps & acres required for each of the 3 years.					
Cover Crops	NRCS FOTG Standard 340	Install by Date: [date]	Life of Practice(Yrs.) Cover Crops – 1 3 year contract	Single Species Mix - \$35/ac/yr. Multi Species Mix - \$42/ac/yr.	\$349,010 <del>65,320</del>	\$0	TBD
<b>Shoreland Protection</b>	PERCENTAGE Based Contracts/ Vouchers	95%	85%				
Shoreland Stabilization Projects Targeting High Priority Lakes	NRCS FOTG or professionally engineered or ecological practice	Install by Date: [date]	Life of Practice(Yrs.) 327-Cons Cover –10 390-Rip Heb Cov–10 580–S/S Protect - 20	\$10,000	\$450,000	TBD	TBD
<b>Groundwater Practices</b>	PERCENTAGE Based Contracts/ Vouchers	50%	50%				
Well Decommissioning	NRCS FOTG Standard 351	Install by Date: [date]	Life of Practice(Yrs.) Well Decommissioning - In Perpetuity	\$1,000 per well	\$320,000	\$320,000	\$640,000
<b>Urban Practices</b>	PERCENTAGE Based Contracts/ Vouchers	85%	85%				
Urban practices targeting water storage and treatment projects including rain gardens,	NRCS FOTG or professionally engineered or	Install by Date: [date]	Life of Practice(Yrs.) Urban Practices – 10 or follow NRCS	\$5,000	\$540,000	TBD	TBD



vegetative swales, vegetative mgmt. and others.	ecological practice		guidelines – min. 10			
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PROJECT BUDGET		Non-State Funding %	State Funding Alone %	Maximum C-S Per Project	GRANT	CASH MATCH	BUDGET TOTAL
<b>Administration</b>			Invoices will be submitted according to hours worked, billable rates and description of services		\$ <del>1,500,000</del> 467	\$0	\$ <del>1,500,000</del> 467
<b>Technical/Engineering</b>	Technical approval authority sign-off by credentialed staff or NRCS Job Approval Authority or TSA/private engineer		Invoices will be submitted according to hours worked, billable rates and description of services		\$90425,000	\$0	\$90425,000
<b>Project Development</b>	Local staff working with residents to find potential BMPs throughout the watershed. Emphasize MAWQCP		Invoices will be submitted according to hours worked, billable rates and description of services		\$105,000	\$0	\$105,000
<b>Inventory/Mapping</b>			Invoices will be submitted according to hours worked, billable rates and description of services		\$0	\$0	\$0
<b>Planning/Assessment</b>	Multipurpose Drainage Management Studies (See Policy Below)	25-7 Studies	Invoices will be submitted according to hours worked, billable rates and description of services		\$230,000	\$0	\$230,000
<b>Education/Information</b>	Funding will be used for field days, educational displays, direct mailings, postage and other media as requested				\$2045,000	\$0	\$2045,000
<b>TOTAL</b>					<b>\$1,414,031</b>	<b>\$141,403.10</b>	

### Multipurpose Drainage Management (MDM) Plans – Expectations of Deliverables – Approved by [committee and date]

The purpose of MDM Plans are to identify multiple on-system and off-system best management practices (BMPs). Identified practices or activities will reduce downstream peak flows and flooding, reduce erosion and sedimentation, protect drainage system efficiency, reduce drainage system maintenance, improve water quality, and improve aquatic & terrestrial habitat.

Approximately 30% of study/report should focus on drainage system as basic infrastructure

1. Determine current state/condition of tiles and open ditch
  - a. Is the system failing or faulty already?
  - b. How much has been spent on repairs over the past 10 years?
2. Identify drainage watershed of system
  - a. Identify erosion, sedimentation and frequent maintenance areas including but not limited to: drown out spots, sloughing, depression areas, concentrated flow through ditch banks, etc.
  - b. Identify potential storage locations
  - c. Identify sensitive natural resources (lakes, natural watercourses, fens, etc.)
3. Include rough estimate of tile needs and cost to obtaining the right drainage coefficient
  - a. Many systems are undersized for the modern type, size, and amount of tile within a system.

Approximately 70% of study/report should focus on documented system concerns (storage, sediment, erosion, and water quality) and location of conservation practices within the system and how they can help the drainage system meet the purpose.

1. Identify conservation practices to assist with the documented concerns and locations best suited to address the concerns.
  - a. Projects include, but are not limited to, grade stabilization structures, water and sediment control basins, bank stabilization, filter strip, grassed waterways, constructed wetlands, wetland restorations, drainage water management, saturated buffers, denitrifying bioreactors, cover crops, residue management, water storage, and conservation cover
2. If any BMPs are currently installed in the drainage system area, determine the condition and effectiveness
  - a. If BMPs are in poor condition, evaluate the condition and best means of correction
3. Will need to look for BMPs both within 1 rod of ditch line (tile or open ditch) and outside
  - a. Drainage Authority has say within 16ft of the open ditch
  - b. Landowners have say more than 16ft from the open ditch
    - i. Good chance to partner up with landowners for projects
4. Determine operation and maintenance needs of the practice or activity. Determine the responsible party for the operation and maintenance (Drainage Authority, Landowner, etc.).
5. Identify water quality benefits
6. Identify water storage needs to address water volume and rate reduction

Minnesota State Statutory requirements:

- 103E.015 subpart 4 - adequacy of outlet
  - As well as the rest of 103E
- MN Governing Rule 8420 – keep in mind wetlands when planning projects

## Des Moines River Watershed Project Ranking Sheet (WBIF Funding)

### Project Location Information (\* = Required)

*Landowner:	
*Contract Number	
Ranking Points:	<b>0</b>
Contract Eligible	<b>No</b>
*Contract Type:	
*Project Category	
Total Cost-Share Amt:	<b>#N/A</b>
Parcel ID:	
*Planning Region:	
County:	
HUC 12:	
Section:	
1/4 Section:	
Township:	
Range:	
*Scored By:	
Scoring Date:	1/6/2023

Complete Yellow Cells with Application Info

Percent Based Contracts		
*Total Cost Estimate:		
*Other Funding (NRCS):		
Project Category	Cost-Share Max	WBIF Funding
Agricultural	#N/A	#N/A
Shoreland Protection	#N/A	#N/A
Well Sealing	#N/A	#N/A
Urban Stormwater	#N/A	#N/A

Flat Rate Contracts	
*Total Cost Share Amt:	
Annual Cost	\$ -

### Proposed Project Details

### Select Answer from Dropdown

### Points

Primary Practice:		<b>0</b>
Additional Practice:		<b>0</b>
Additional Practice:		<b>0</b>
Parcel is compliant with MN Buffer Law:		<b>n/a</b>
Priority Watershed Rank:		<b>0</b>
MN Ag. Water Quality Certification:		<b>0</b>
Applied for other funding?		<b>0</b>
Area of Impact Size:		<b>0</b>
Lake of Significance:		<b>0</b>
Drinking Water Supply Management Area (DWSMA) - Groundwater:		<b>0</b>
Drinking Water Supply Management Area (DWSMA) - Surface Water:		<b>0</b>
Distance from a surface water body (feet) and within that watershed:		<b>0</b>
Project location found within Source Reduction Area on Ranking Map: <a href="#">Click Here for Map</a>		<b>0</b>

### Comments or Additional Information

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