

#### **AGENDA**

#### **Dakota County Soil and Water Conservation District Board Meeting**

Thursday, September 14, 2023 - 9:00 a.m.

Meeting Room 1 - Dakota County Extension and Conservation Center

4100 220th Street Farmington, MN 55024

- 1. Call to Order
- 2. Pledge of Allegiance
- 3. Audience

Anyone wishing to address the Board regarding an item that is not on the agenda may come forward at this time. Comments are limited to five minutes.

4. Approval of Agenda (Additions/Corrections/Deletions)

#### **CONSENT AGENDA**

To be adopted under one motion unless a request is made to move an item to Regular Agenda for discussion

- 5. Approval of August 10, 2023 Meeting Minutes
- 6. Approval of September 14, 2023 Accounts Payable
- 7. Acceptance of the August 2023 Finance Report
- 8. Authorization to Amend Contract with Nick Becker for Installation of Cover Crop (1-year)

#### **REGULAR AGENDA**

9.	Authorization to Provide Final Payment to Paul Gergen under Two Contracts for Establishment of	
	Cover Crop (1-year)	Action
10.	Authorization to Execute Three Contracts with Greg Fox for Establishing Cover Crop (1-year)	Action
11.	Authorization to Execute Contract with Judith Baumann for Establishing Cover Crop (1-year)	Action
12.	Authorization to Execute Contract with DST LLP for Establishing Cover Crop (1-year)	Action
13.	Authorization to Execute Contact with William Callister for Establishing Cover Crop (3-year)	Action
14.	Authorization to Execute Contract with Harold Peine for Installation of Water & Sediment Control Basin	Action
15.	Authorization to Execute Contract with ISD 191 for Installation of Bioretention Basin	Action
16.	Authorization to Execute Contract with City of Mendota Heights for Installation of 3 Bioretention Basins	Action
17.	Authorization to Execute Agreement with the Lower Mississippi River Watershed Management Organization to assist with Implementing a FY23 Watershed Based Implementation Grant	Action
18.	Adopt 2024 Fee Schedule	Action
19.	Announcements and Reports	
	Natural Passurass Conservation Service	

Natural Resources Conservation Service

**Dakota County** 

Cannon River Watershed Joint Powers Board

Vermillion River Watershed Joint Powers Organization

Metropolitan Conservation Districts Joint Powers Board

Minnesota Association of Soil and Water Conservation Districts

District Managers Report Board of Supervisor Announcements

#### 20. Upcoming Events

September 14, 2023	Dakota County Soil and Water Conservation District Board Meeting Extension and Conservation Center, 4100 220 <sup>th</sup> Street West, Farmington – 9:00 a.m.
September 20, 2023	Black Dog Watershed Management Organization Meeting Burnsville Maintenance Facility, 13713 Frontier Court, Burnsville – 5:00 p.m.
September 20, 2023	Lower Minnesota River Watershed District Meeting Carver County Government Center, 602 East 4th Street, Chaska - 7:00 p.m.
September 28, 2023	Legislative Tour Extension and Conservation Center, 4100 220 <sup>th</sup> Street West, Farmington – 9:00 a.m.
September 28, 2023	Vermillion River Watershed Joint Powers Board Meeting Extension and Conservation Center, 4100 220th Street West, Farmington – 1:00 p.m.
October 11, 2023	Lower Mississippi River Watershed Management Organization Meeting Villa Del Sol Community Room – 88 Cesar Chavez Street St. Paul – 3:00 p.m.
October 12, 2023	Dakota County Soil and Water Conservation District Board Meeting Extension and Conservation Center, 4100 220th Street West, Farmington – 9:00 a.m.

#### 21. Adjourn



#### **MEETING MINUTES**

#### **BOARD OF SUPERVISORS MEETING**

#### DAKOTA COUNTY SOIL AND WATER CONSERVATION DISTRICT

Thursday, August 10, 2023 9:00 a.m.

4100 220<sup>th</sup> Street W, Suite 102 Farmington, Minnesota

Board Members Present:SWCD Staff Present:Others Present:Laura Zanmiller, ChairBrian WatsonDain Olson, DCAO

Kevin Chamberlain, Vice Chair Pam LaValle Brad Becker, Dakota County

Jayne Dee Hager, Treasurer Curt Coudron Lizzy Dawson, NRCS

Chelsea Skog, Secretary Joe Barten
Bruce Johnson, Information Officer Todd Matzke

#### 1. Call to Order and Roll Call

Chair Zanmiller called the meeting to order at 9:00 a.m.

#### 2. Pledge of Allegiance

Chair Zanmiller led the Board of Supervisors in the Pledge of Allegiance.

#### 3. Audience

Chair Zanmiller asked if there was anyone in the audience that wished to address the Board on an item that is not on the agenda. Nobody came forward.

#### 4. Approval of Agenda with Addition

**23.060** Motion by Chamberlain second by Johnson to approve the agenda. All members voting in favor. Motion carried.

#### **CONSENT AGENDA**

#### 5. Approval of July 13, 2023 Meeting Minutes

The July 13, 2023 meeting minutes were presented.

#### 6. Approval of August 10, 2023 Accounts Payable

The August 2023 accounts payable were presented.

#### 7. Acceptance of July Finance Report

The July finance Report was presented.

**23.061** Motion by Skog, second by Johnson to approve the consent agenda items. Members voting in favor: Zanmiller, Skog, Johnson, and Chamberlain. Motion carried.

Supervisor Dee joined the meeting.

#### **REGULAR AGENDA**

Powers Organization.

- 8. Authorization to Provide Final Payment to Carol Leifeld for Installation of Grassed Waterway.
  - Carol Leifeld has completed the reconstruction of a grassed waterway in Hampton Township, Cannon River Watershed. The project was approved for funding at the April 13, 2023 Board meeting at 85% cost share not to exceed \$20,825 based on a cost estimate of \$24,500. Project installation has been certified by SWCD staff. Final eligible expenses were \$19,571.26. Staff is recommending final payment of \$16,635.57.
  - **23.062** Motion by Chamberlain, second by Johnson to provide final payment of 16,635.57 to Carol Leifeld (23-IPP-04) for reconstruction of a grassed waterway. Funds are available through our FY21 Cannon WBIF Grant. Members voting in favor: Skog, Johnson, Dee, Chamberlain, and Zanmiller. Motion carried.
- 9. Authorization to Execute Contract with William Callister Jr. for Installation of Grassed Waterway.

  William (Chip) Callister Jr. is proposing to construct a grassed waterway in Hampton Township, Cannon River Watershed. Total cost of the project is estimated at \$18,900. Staff is recommending approval at 85% cost share not to exceed \$16,065. Project funds are available through our FY21 Cannon WBIF Grant and our agreement with Dakota County.
  - **23.063** Motion by Johnson, second by Dee to execute contract with William Callister Jr. (23-IPP-06) for installation of grassed waterway. Members voting in favor: Johnson, Dee, Chamberlain, Zanmiller, and Skog. Motion carried.
- 10. Authorization to Execute Three Contracts with Nick Becker for Establishing Cover Crop. (3 year) Nick Becker (LLB Farms, LLC) is proposing to establish cover crops on 158 acres on three different fields; one field is located in Ravenna Township and two fields are located in Marshan Township. All fields are in the Vermillion River Watershed. Each field will have a separate contract that will require establishment of a cover crop for three consecutive years. Project funds are available through our FY22 CWF Drinking Water Protection Phase 2 grants and our agreements with Dakota County and the Vermillion River Watershed Joint
  - **23.064** Motion by Dee, second by Johnson to execute three contracts with Nick Becker (23-IPP-25, 23-IPP-28, and 23-IPP-29) not to exceed \$21,330 over three years for establishing cover crop. Members voting in favor: Dee, Chamberlain, Zanmiller, Skog, and Johnson. Motion carried.
- 11. Authorization to Execute Two Contracts with Nick Becker for Establishing Cover Crop. (1 year)

Nick Becker is proposing to establish a cover crop on two different fields. One field is located in Vermillion Township and one field is in Marshan Township, both in the Vermillion River Watershed. Each field will have a separate contract. Project funds are available through our agreements with Dakota County and the Vermillion River Watershed Joint Powers Organization.

- **23.065** Motion by Johnson, second by Chamberlain to execute two contracts with Nick Becker (23-IPP-26 & 23-IPP-27) not to exceed \$2,520 for establishing cover crop. Members voting in favor: Chamberlain, Zanmiller, Skog, Johnson, and Dee. Motion carried.
- **12.** Authorization to Execute two contracts with Tom Leifeld for Establishing Cover Crop. (1 year)

  Tom Leifeld is proposing to establish a cover crop on 159 acres on two different fields located in Douglas

  Township, Cannon River Watershed. Project funds are available through our agreement with Dakota County.

**23.066** Motion by Chamberlain, second by Johnson to execute two contracts with Tom Leifeld (23-IPP-38 & 23-IPP-39) not to exceed \$5,565 for establishing cover crop. Members voting in favor: Zanmiller, Skog, Johnson, Dee, and Chamberlain. Motion carried.

# 13. Authorization to Submit FY24 Clean Water Fund Grant application to Implement Streambank Stabilization and Stormwater Best Management Practices along Interstate Valley Creek and Execute Grant if Awarded. Staff is proposing to submit a competitive FY24 Clean Water Fund Grant application to the Minnesota Board of Water and Soil Resources (BWSR) to implement streambank stabilizations and stormwater best management practices along Interstate Valley Creek between Marie Avenue and the Mississippi River in Mendota Heights and to execute the grant agreement if awarded. Joe Barten provided an overview of the completed study, proposed practices and ongoing coordination between project partners.

**23.067** Motion by Chamberlain, second by Johnson to authorize the submittal of the FY24 Clean Water Fund Grant application and execute the grant agreement if awarded. All members voting in favor. Motion carried.

#### 14. Selection of 2023 Outstanding Conservationist

Coudron stated that each year a selection is made to identify a landowner or entity that has made significant contributions to protecting our land and water resources. The selected Outstanding Conservation Cooperator will be invited to a future SWCD Board meeting and will be invited to participate in the Minnesota Association of Soil and Water Conservation Districts annual program in December.

**23.068** Motion by Dee, second by Johnson to select Jim Sipe and Nancy Schumacher as the 2023 Outstanding Conservation Cooperator. All members voting in favor. Motion carried.

#### 15. Announcements and Reports

#### **Natural Resources Conservation Service**

The Natural Resources Conservation Services (NRCS) report was provided by Lizzy Dawson. Dawson reported they are busy certifying practices and planning for EQIP this winter.

#### **Dakota County**

The Dakota County report was provided by Brad Becker. Becker provided a Vermillion River staffing update, 2024 budget planning update, and a Byllesby Dam and Thompson Lakes project update.

Supervisor Dee left the meeting.

#### **Cannon River Watershed Joint Powers Board**

The Cannon River Watershed report was provided by Kevin Chamberlain. Chamberlain reported they met August 2, 2023 and he provided updates on the items reviewed at the meeting. The next meeting will be held November 1, 2023.

#### **Vermillion River Watershed Joint Powers Board**

No report provided.

#### **Metropolitan Conservation Districts Joint Power Board**

No report provided. Zanmiller stated the next meeting will be August 30, 2023.

#### **Minnesota Association of Soil and Water Conservation Districts**

No report provided.

#### **District Managers Report**

Watson reported the Finance Committee met August 3<sup>rd</sup> and will be converting a portion of our savings to certificates of deposit to utilize the higher interest rates available. Staff is working on 2024 budget documents for Dakota County and updating language to our 5-year Joint Powers Agreement. Currently there are a lot of outreach programs occurring including the Dakota County Fair, Fishers and Farmers visiting the South Branch of the Vermillion River, and the BWSR tour on August 23<sup>rd</sup>. Watson proposed dates for the Dakota County legislators tour this fall. It was decided to hold the event the morning of Thursday, September 28<sup>th</sup>.

#### **Board of Supervisors Announcements**

No report provided.

#### 16. Upcoming Events

The upcoming events were reviewed.

#### 17. Adjourn

23.069 Motion by Skog, second by Johnson to adjourn. All members voting in favor. Motion carried.

The meeting was adjourned at 10:15 a.m.

Respectfully submitted,

Chelsea Skog Secretary



#### Dakota County SWCD Balance Sheet August 2023

Accounts Receivable:         DC Environmental Resources         2023 Q2 Services         \$ 21,723.30           MCD - MAWQCP         2023 Q2 Services         \$ 395.00           Total Accounts Receivable:         \$ 22,118.1           Prepaid Items         \$ 1,462,669.3           TOTAL ASSETS:         \$ 1,462,669.3           LIABILITIES AND EQUITY:           Current Liabilities           Payroll Liabilities           Sales Tax Payable         \$ 2,137.29           Unearned Revenue:           Minnesota State Aid         \$ 93,031.44           Buffer Law Funds 2023         \$ 13,124.28           Conservation Delivery 2023         \$ 74,595.00           Conservation Delivery 2023						
Checking , Savings, CD Total Cash:         \$ 1,440,551.26         \$ 1,440,551.26           Accounts Receivable:         DC Environmental Resources         2023 Q2 Services         \$ 21,723.30           MCD - MAWQCP         2023 Q2 Services         \$ 395.00         \$ 22,118.30           Total Accounts Receivable:         \$ 22,118.30           Intelligence of the colspan="2">\$ 2,137.30           Total Accounts Receivable:         \$ 22,118.30           LIABILITIES AND EQUITY:           Current Liabilities         \$ 1,462,669.50           Payroll Liabilities         \$ 2,137.29           Sales Tax Payable         \$ 2,137.30           Unearned Revenue:           Minnesota State Aid         \$ 93,031.44           Buffer Law Funds 2023         \$ 20,321.81           Conservation Delivery 2023         \$ 20,321.81           Local Capacity Services 2023         \$ 74,595.00           Conservation Delivery 2023         \$ 2,351.23           State Cost Share 2022         \$ 9,515.50           State Cost Share 2022         \$ 9,515.50						

## Dakota County SWCD Income and Expense Summary August 2023

	Cu	rrent Month	Υ	ear to Date		
Income						
County Revenues	\$	35,991.83	\$	413,297.28		
State Revenues	\$	25,869.96	\$	282,162.76		
Local Revenues	\$	-	\$	212,902.89		
Interest Earnings	\$	20.82	\$	9,315.57		
Charges for Services	\$	1,500.00	\$	12,557.00		
Tree Program Revenues	\$		\$	29,954.07		
Total Income	\$	63,382.61	\$	960,189.57		
Expense						
County Expenses	\$	(501.55)	\$	8,730.59		
State Expenses	\$	16,808.81	\$	64,134.31		
Local Expenses	\$	1,905.74	\$	46,521.39		
Operating Expenses	\$	6,066.12	\$	30,276.55		
Payroll/Personnel Expenses	\$	147,083.35	\$	850,612.17		
Other Expenses	\$	53.82	\$	1,317.97		
Tree Program Expenses			\$	19,648.32		
Total Expense	\$	171,416.29	\$	1,021,241.30		
Net Income	<u>\$</u>	(108,033.68)	<u>\$</u>	(61,051.73)		

**Consent Agenda** 

Request for Board Action

Voice Vote

Meeting Date: 9/14/2023

Prepared by: Curt Coudron

#### **PURPOSE/ACTION REQUESTED:**

Authorization to amend contract 23-IPP-27 with Nick Becker for the installation of a cover crop.

#### **SUMMARY:**

Nick Becker is requesting a change in location for his cover crop establishment. He would like to move the cover crop to an adjacent portion of the field for better weed management this season.

The contract was approved at the August 10, 2023 Board meeting with an incentive payment of \$35/acre for 37 acres, not to exceed \$1,295. The amendment would only change the location of the cover crop. No other changes to the contract are being requested.

#### **EXPLANATION OF FISCAL/FTE IMPACT:**

Project funds are available through our agreements with Dakota County and the Vermillion River Watershed Joint Powers Organization.

# NICK BECKER COVER CROP





**PROJECT:** A winter cereal rye cover crop will be planted on 37 acres following snapbean harvest. The cover crop will provide erosion control, reduce weed pressure, and prevent nutrient leaching.

**FUNDING:** 

Incentive Amount:

\$1,295

(37 acres x \$35 per acre x 1year)



#### LOCATION:

Marshan Township



#### PRACTICE:

Cover Crop

#### **BENEFITS:**

- 1 ton of sediment per year prevented from traveling downstream
- 1.8 lbs. of phosphorous per year prevented from traveling downstream
- Reduced leaching of nitrate into groundwater on highly vulnerable and sensitive soils
- Retained nutrients and improved soil health.

#### **PARTNERS:**

- Dakota County
- Vermillion River Watershed Joint Powers Organization

#### **WATERSHED:**

• Vermillion River

#### **RECEIVING WATERS:**

Vermillion River

#### **INSTALLATION:**

Regular Agenda

Request for Board Action

Roll Call Vote

Meeting Date: 9/14/2023

Prepared by: Curt Coudron

#### **PURPOSE/ACTION REQUESTED:**

Authorize final payments of \$1,155 and \$735 to Paul Gergen, Jr. under 2 separate contracts for establishment of a cover crop (one-year).

#### **SUMMARY:**

Paul Gergen Jr. has completed the establishment of a cover crop on 54 acres in Hampton Township, Cannon River Watershed.

The projects were approved for funding at the July 13, 2023 Board meeting with an incentive payment not to exceed \$35 per acre. Under each contract, incentives for establishing the cover crop include:

- 33 acres at \$1,155
- 21 acres at \$735

A cover crop of oats, radish, clover, and sorghum-sudangrass was seeded to provide temporary cover, reduce erosion, retain nutrients, and protect soil health. Project seeding has been certified by staff.

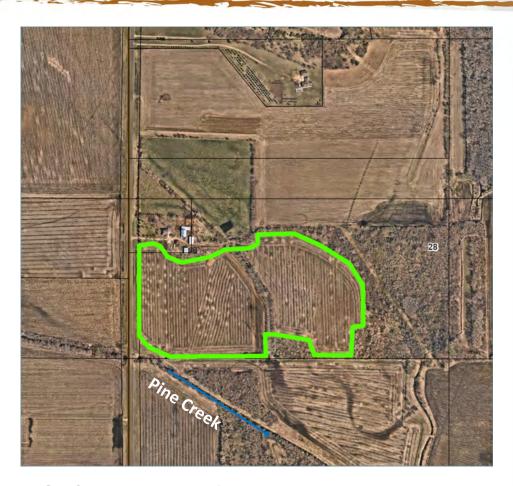
#### **EXPLANATION OF FISCAL/FTE IMPACT:**

Project funds are available through our agreement with Dakota County.

Authorization to Execute Contracts

# PAUL GERGEN JR. COVER CROP





**PROJECT:** A cover crop mix of radish, oats, peas, and clover was planted in July on 33 acres in a field where primary crop of corn did not grow. The cover crop will provide erosion control, reduce weed pressure, and prevent nutrient leaching.

**FUNDING:** 

Incentive Amount:

\$1,155

(33 acres x \$35 per acre x 1 year)



LOCATION:

Hampton Township



#### PRACTICE:

Cover Crop

#### **BENEFITS:**

- 22 tons of sediment per year prevented from traveling downstream
- 31 lbs. of phosphorous per year prevented from traveling downstream
- Reduced leaching of nitrate into groundwater on highly vulnerable and sensitive soils
- Retained nutrients and improved soil health.

#### **PARTNERS:**

Dakota County

#### **WATERSHED:**

• Cannon River

#### **RECEIVING WATERS:**

• Pine Creek

#### **INSTALLATION:**

Summer 2023

### PAUL GERGEN JR.

### **COVER CROP**





Radish, oats, peas and clover had established cover approximately 6 weeks after seeding.

# PAUL GERGEN JR. COVER CROP





**PROJECT:** A cover crop of sorghum-sudangrass was planted in July on 21 acres in a field where primary crop of corn did not grow. The cover crop will provide erosion control, reduce weed pressure, and prevent nutrient leaching.

**FUNDING:** 

Incentive Amount:

(21 acres x \$35 per acre x 1 year)

\$735

Dakota

LOCATION:

Hampton Township



#### PRACTICE:

Cover Crop

#### **BENEFITS:**

- 7 tons of sediment per year prevented from traveling downstream
- 11 lbs. of phosphorous per year prevented from traveling downstream
- Reduced leaching of nitrate into groundwater on highly vulnerable and sensitive soils
- Retained nutrients and improved soil health.

#### **PARTNERS:**

Dakota County

#### **WATERSHED:**

• Cannon River

#### **RECEIVING WATERS:**

Pine Creek

#### **INSTALLATION:**

Summer 2023

### PAUL GERGEN JR.

### **COVER CROP**





Sorghum-sudangrass was planted in mid-July after corn crop failure



The cover crop had approximately 3 feet of growth in 6 weeks

Regular Agenda

Request for Board Action

Roll Call Vote

Meeting Date: 9/14/2023

Prepared by: Curt Coudron

#### **PURPOSE/ACTION REQUESTED:**

Authorize execution of three contracts with Greg Fox not to exceed \$875, \$1,400 and \$1,400 for the establishment of a cover crop.

#### **SUMMARY:**

Greg Fox is proposing to establish a cover crop on three different fields. All three fields are located in the City of Rosemount, Vermillion River Watershed.

A seeding plan has been prepared and accepted for each field. Based on our adopted cost share policy, a landowner is eligible for up to \$35 per acre on a one-year contract.

Each field will have a separate contract. Under each contract, incentives for establishing the cover crop are as follows:

- 25 acres not to exceed \$875
- 40 acres not to exceed \$1,400
- 40 acres not to exceed \$1,400

SWCD staff will certify cover crop establishment after installation.

#### **EXPLANATION OF FISCAL/FTE IMPACT:**

Project funds are available through our agreements with Dakota County and the Vermillion River Watershed Joint Powers Organization.

**Supporting Documents:** 

23-IPP-30 Fox, Greg CC Factsheet 23-IPP-31 Fox, Greg CC Factsheet

23-IPP-32 Fox, Greg CC Factsheet

**Previous Board Action:** 

# GREG FOX COVER CROP





**PROJECT:** A winter cereal rye cover crop will be planted on 25 acres following soybean harvest. The cover crop will provide erosion control, reduce weed pressure, and prevent nutrient leaching.

**FUNDING:** 

Incentive Amount: (25 acres x \$35 per acre x 1year)

\$875





#### LOCATION:

City of Rosemount



#### **PRACTICE:**

Cover Crop

#### **BENEFITS:**

- 7 tons of sediment per year prevented from traveling downstream
- 12 lbs. of phosphorous per year prevented from traveling downstream
- Reduced leaching of nitrate into groundwater on highly vulnerable and sensitive soils
- Retained nutrients and improved soil health.

#### **PARTNERS:**

- Vermillion River Watershed Joint Powers Organization
- Dakota County

#### **WATERSHED:**

Vermillion River

#### **RECEIVING WATERS:**

Vermillion River

#### **INSTALLATION:**

# GREG FOX COVER CROP





**PROJECT:** An oat and radish cover crop mix will be planted on 40 acres following sweet corn harvest. The cover crop will provide erosion control, reduce weed pressure, and prevent nutrient leaching.

**FUNDING:** 

Incentive Amount:

\$1,400

(40 acres x \$35 per acre x 1year)





#### LOCATION:

City of Rosemount



#### **PRACTICE:**

Cover Crop

#### **BENEFITS:**

- 2 tons of sediment per year prevented from traveling downstream
- 4 lbs. of phosphorous per year prevented from traveling downstream
- Reduced leaching of nitrate into groundwater on highly vulnerable and sensitive soils
- Retained nutrients and improved soil health.

#### **PARTNERS:**

- Vermillion River Watershed
   Joint Powers Organization
- Dakota County

#### **WATERSHED:**

• Vermillion River

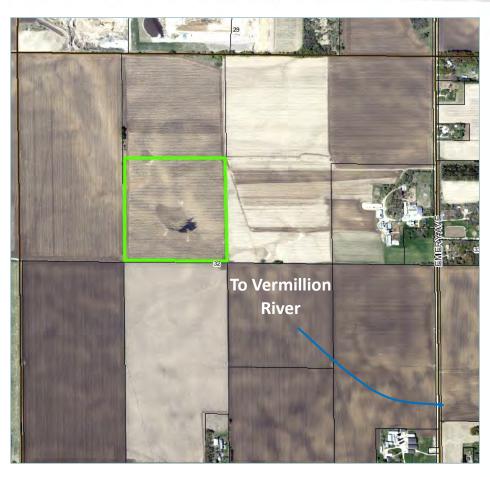
#### **RECEIVING WATERS:**

Vermillion River

#### **INSTALLATION:**

# GREG FOX COVER CROP





**PROJECT:** An oat and radish cover crop mix will be planted on 40 acres following sweet corn harvest. The cover crop will provide erosion control, reduce weed pressure, and prevent nutrient leaching.

**FUNDING:** 

Incentive Amount:

\$1,400

(40 acres x \$35 per acre x 1year)





#### **LOCATION:**

City of Rosemount



#### PRACTICE:

Cover Crop

#### **BENEFITS:**

- 3 tons of sediment per year prevented from traveling downstream
- 6 lbs. of phosphorous per year prevented from traveling downstream
- Reduced leaching of nitrate into groundwater on highly vulnerable and sensitive soils
- Retained nutrients and improved soil health.

#### **PARTNERS:**

- Vermillion River Watershed Joint Powers Organization
- Dakota County

#### **WATERSHED:**

• Vermillion River

#### **RECEIVING WATERS:**

Vermillion River

#### **INSTALLATION:**

Regular Agenda

Request for Board Action

Roll Call Vote

Meeting Date: 9/14/2023

Prepared by: Curt Coudron

#### **PURPOSE/ACTION REQUESTED:**

Authorize execution of a contract with Judith Baumann not to exceed \$1,960 for the establishment of a cover crop.

#### **SUMMARY:**

Judith Baumann is proposing to establish a cover crop on 56 acres. The field is located in Marshan Township, Vermillion River Watershed.

A seeding plan has been prepared and accepted. Based on our adopted cost share policy, a landowner is eligible for up to \$35 per acre on a one-year contract. SWCD staff will certify cover crop establishment after installation.

#### **EXPLANATION OF FISCAL/FTE IMPACT:**

Project funds are available through our agreements with Dakota County and the Vermillion River Watershed Joint Powers Organization.

**Supporting Documents:** 

23-IPP-40 Baumann, Judith CC Factsheet

**Previous Board Action:** 

# JUDITH BAUMANN COVER CROP





**PROJECT:** A winter cereal rye cover crop will be planted on 56 acres following soybean harvest. The cover crop will provide erosion control, reduce weed pressure, and prevent nutrient leaching.

**FUNDING:** 

Incentive Amount:

\$1,960

(56 acres x \$35 per acre x 1year)





#### **LOCATION:**

Marshan Township



#### PRACTICE:

Cover Crop

#### **BENEFITS:**

- 3 tons of sediment per year prevented from traveling downstream
- 4 lbs. of phosphorous per year prevented from traveling downstream
- Reduced leaching of nitrate into groundwater on highly vulnerable and sensitive soils
- Retained nutrients and improved soil health.

#### **PARTNERS:**

- Vermillion River Watershed Joint Powers Organization
- Dakota County

#### **WATERSHED:**

Vermillion River

#### **RECEIVING WATERS:**

Vermillion River

#### **INSTALLATION:**

• Fall 2023

Regular Agenda

Request for Board Action

Roll Call Vote

Meeting Date: 9/14/2023

Prepared by: **Curt Coudron** 

#### **PURPOSE/ACTION REQUESTED:**

Authorize execution of a contract with DST LLP (Scott Weber) not to exceed \$2,205 for the establishment of a cover crop.

#### **SUMMARY:**

Scott Weber is proposing to establish a cover crop on 63 acres. The field is located in Douglas Township, Cannon River Watershed.

A seeding plan has been prepared and accepted. Based on our adopted cost share policy, a landowner is eligible for up to \$35 per acre on a one-year contract. SWCD staff will certify cover crop establishment after installation.

#### **EXPLANATION OF FISCAL/FTE IMPACT:**

Project funds are available through our agreement with Dakota County.

**Supporting Documents:** 

**Previous Board Action:** 23-IPP-41 DST LLP CC Factsheet

# DST LLP COVER CROP





**PROJECT:** A winter cereal rye cover crop will be planted on 63 acres following soybean harvest. The cover crop will provide erosion control, reduce weed pressure, and prevent nutrient leaching.

FUNDING:

Incentive Amount:

\$2,205

(63 acres x \$35 per acre x 1 year)

Dakota

LOCATION:

Douglas Township



#### PRACTICE:

Cover Crop

#### **BENEFITS:**

- 3 tons of sediment per year prevented from traveling downstream
- 6 lbs. of phosphorous per year prevented from traveling downstream
- Reduced leaching of nitrate into groundwater on highly vulnerable and sensitive soils
- Retained nutrients and improved soil health.

#### **PARTNERS:**

Dakota County

#### **WATERSHED:**

• Cannon River

#### **RECEIVING WATERS:**

Trout Brook

#### **INSTALLATION:**

**Consent Agenda** 

Request for Board Action

Roll Call Vote

Meeting Date: 9/14/2023

Prepared by: Curt Coudron

#### **PURPOSE/ACTION REQUESTED:**

Authorize execution of contract with William (Chip) Callister not to exceed \$13,500 for the establishment of cover crops.

#### **SUMMARY:**

Chip Callister is proposing to establish cover crops on 100 acres over a three-year period. The field is located in Hampton Township, Cannon River Watershed.

A seeding plan for each year has been prepared and accepted. Based on the District's adopted cost share policy, a landowner is eligible for up to \$45 per acre per year on a three-year contract.

Under District cost share policy, payment for the first year will be made upon certification of the installation and District Board approval. Payments for additional years will be made annually when cover crop seeding has been completed for that year and has been certified by District staff.

#### **EXPLANATION OF FISCAL/FTE IMPACT:**

Project funds are available through our FY22 CWF Drinking Water Protection Grant, our FY21 Cannon WBIF Grant, and our agreement with Dakota County.

**Supporting Documents:** 

22-IPP-43 Callister, Chip CC Factsheet

**Previous Board Action:** 

# WILLIAM (CHIP) CALLISTER COVER CROPS





**PROJECT:** A winter cereal rye cover crop will be planted on 100 acres following seed corn and will be planted for two additional years. The cover crop will provide erosion control, reduce weed pressure, and prevent nutrient leaching.

**FUNDING:** 

Incentive Amount:

\$13,500

(100 acres x \$45 per acre x 3 years)





**Clean Water Fund:** 

Protecting and restoring Minnesota's waters for generations to come. LOCATION:

**Hampton Township** 



#### PRACTICE:

Cover Crops

#### **BENEFITS:**

- 8 tons of sediment per year prevented from traveling downstream
- 14 lbs. of phosphorous per year prevented from traveling downstream
- Reduced leaching of nitrate into groundwater on highly vulnerable and sensitive soils
- Retained nutrients and improved soil health.

#### **PARTNERS:**

- Dakota County
- Minnesota Board of Water and Soil Resources

#### **WATERSHED:**

• Cannon River

#### **RECEIVING WATERS:**

Pine Creek

#### **INSTALLATION:**

• Fall 2023, 2024, 2025

Regular Agenda

Request for Board Action

Roll Call Vote

Meeting Date: 9/14/2023

Prepared by: Curt Coudron

#### **PURPOSE/ACTION REQUESTED:**

Authorize execution of a contract with Harold (Nick) Peine not to exceed \$12,070 for the installation of a water and sediment control basin

#### **SUMMARY:**

Harold (Nick) Peine is proposing to construct a water and sediment control basin in Hampton Township, Vermillion River Watershed. The project is being constructed in cooperation with the landowner, Ryan Finnegan. Surface water runoff is causing a gully to form in the field. The water and sediment control basin will capture runoff and slowly release it through an underground outlet to reduce future erosion.

Total cost of the project is estimated at \$14,200. Staff is recommending approval at 85% cost share not to exceed \$12,070.

#### **EXPLANATION OF FISCAL/FTE IMPACT:**

Project funds are available through our FY23 Vermillion WBIF Grant and our agreement with the Vermillion River Watershed Joint Powers Organization.

**Supporting Documents:** 

23-IPP-42 Peine, Nick WASCB Factsheet

**Previous Board Action:** 

# NICK PEINE WATER AND SEDIMENT CONTROL BASIN





**PROJECT:** Surface water runoff is causing gully erosion in the field. A water and sediment control basin will be constructed to capture runoff and slowly release it through an underground outlet.

**FUNDING:** 

Estimated Project Cost: Cost Share Amount: Landowner Amount





#### Clean Water Fund:

Protecting and restoring Minnesota's waters for generations to come.

#### LOCATION:

Hampton Township



\$14,200

\$12,070

\$2,130

#### PRACTICE:

 Water and Sediment Control Basin

#### **BENEFITS:**

- 0.9 tons of sediment per year prevented from traveling downstream
- 0.9 lbs. of phosphorous per year prevented from traveling downstream

#### **PARTNERS:**

- Vermillion River Watershed Joint Powers Organization
- Minnesota Board of Water and Soil Resources

#### **WATERSHED:**

Vermillion River

#### **RECEIVING WATERS:**

South Branch

#### **INSTALLATION:**

Regular Agenda

Request for Board Action

Roll Call Vote

Meeting Date: 9/14/2023

Prepared by: Curt Coudron

#### **PURPOSE/ACTION REQUESTED:**

Authorization to execute a contract with Independent School District 191 not to exceed \$50,000 for the installation of a bioretention basin.

#### **SUMMARY:**

Independent School District 191 (Burnsville-Eagan-Savage) is proposing to install a bioretention basin (raingarden) at their existing parking lot. The project is located at the Nicollet Middle School in Burnsville, Minnesota River Watershed. The project will capture stormwater runoff from the parking lot and divert it into a bioretention basin to reduce the volume of water and amount of sediment and phosphorus that is transported downstream.

Total costs of the project are estimated at \$63,800. Projects installed through our Community Conservation Partnership program are eligible for up to 85% cost-share not to exceed \$50,000. Staff is recommending approval at 85% cost share not to exceed \$50,000.

#### **EXPLANATION OF FISCAL/FTE IMPACT:**

Project funds to install the project are available through our agreement with Dakota County. Funds to support staff time for construction oversight are available through our FY21 Minnesota River Watershed Based Funding grant.

**Supporting Documents:** 

**Previous Board Action:** 

23-CCP-01 ISD 191 Nicollet Bioretention Factsheet

### **ISD 191**

### NICOLLET MIDDLE SCHOOL RAINGARDEN





**PROJECT:** Independent School District (ISD) 191 will install a bioretention basin (raingarden) at Nicollet Middle School in Burnsville. The basin will capture runoff from the parking lot. The project is very visible and will be incorporated into student curriculum.

**FUNDING:** 

Estimated Project Cost: \$63,800
Cost Share Amount: \$50,000
Landowner Amount \$13,800





**Clean Water Fund:** 

Protecting and restoring Minnesota's waters for generations to come.

#### **LOCATION:**

Burnsville, MN



#### PRACTICE:

• Bioretention Basin (Raingarden)

#### **BENEFITS:**

- 0.3 tons of sediment per year prevented from traveling downstream
- 1.2 lbs. of phosphorous per year prevented from traveling downstream
- 54,000 cubic feet per year reduction in stormwater runoff from site

#### **PARTNERS:**

- Independent School District (ISD) 191
- Bosch Community Fund
- Dakota County
- Minnesota Board of Water and Soil Resources

#### **WATERSHED:**

• Minnesota River

#### **RECEIVING WATERS:**

DNR Designated Wetland 116W

#### **INSTALLATION:**

Fall 2023 - Spring 2024

**Regular Agenda** 

Request for Board Action

Roll Call Vote

Meeting Date: 9/14/2023

Prepared by: Curt Coudron

#### **PURPOSE/ACTION REQUESTED:**

Authorization to execute a contract with the City of Mendota Heights not to exceed \$32,640 for the installation of 3 bioretention basins.

#### **SUMMARY:**

The City of Mendota Heights is proposing to install three bioretention basins (raingardens) as part of a street reconstruction project. The projects are located along Victoria Curve between City Hall and Beth Jacob Congregation Synagogue. The project area drains to the Minnesota River but lies within the Lower Mississippi River Watershed Management Organization's boundary. The bioretention basins will capture stormwater runoff from the street and divert it to the bioretention basins reducing the volume of water and amount of sediment and phosphorus transported downstream.

Total costs of the project are estimated at \$38,400. Projects installed through our Community Conservation Partnership program are eligible for up to 85% cost-share not to exceed \$50,000.

Staff is recommending approval at 85% cost share not to exceed \$32,640.

#### **EXPLANATION OF FISCAL/FTE IMPACT:**

Project funds to install the project are available through our FY21 Mississippi River East Watershed Based Implementation Funding grant and our agreement with Dakota County.

**Supporting Documents:** 

**Previous Board Action:** 

23-CCP-02 MDH Victoria Curve Bioretention Factsheet

# CITY OF MENDOTA HEIGHTS VICTORIA CURVE BIORETENTION BASINS





**PROJECT:** The City of Mendota Heights will install three bioretention basins (raingardens) along Victoria Curve, near the City Hall entrance and Beth Jacob Congregation Synagogue. The basins will capture runoff from the newly reconstructed roadway. The project is a collaboration with the City and Beth Jacob Congregation Synagogue.

FUNDING: Estimated Project Cost:

st: \$38,400 \$32,640

Cost Share Amount: Landowner Amount

\$5,760

Dakota



#### **Clean Water Fund:**

Protecting and restoring Minnesota's waters for generations to come.

#### LOCATION:

Mendota Heights, MN



#### **PRACTICE:**

Bioretention Basins (Raingardens)

#### **BENEFITS:**

- 1.0 tons of sediment per year prevented from traveling downstream
- 2.6 lbs. of phosphorous per year prevented from traveling downstream
- 60,000 cubic feet per year reduction in stormwater runoff from the site

#### **PARTNERS:**

- City of Mendota Heights
- Beth Jacob Congregation Synagogue
- Dakota County
- Minnesota Board of Water and Soil Resources

#### **WATERSHED:**

• Minnesota River

#### **RECEIVING WATERS:**

Minnesota/Mississippi River

#### **INSTALLATION:**

• Fall 2023 - Spring 2024

Regular Agenda

Request for Board Action

Voice Vote

Meeting Date: 9/14/2023

Prepared by: Joe Barten

#### **PURPOSE/ACTION REQUESTED:**

Authorize execution of a Joint Powers Agreement with the Lower Mississippi River Watershed Management Organization to assist with a FY23 Watershed Based Implementation grant.

#### **SUMMARY:**

Staff has drafted and presented a work plan and budget to the Lower Mississippi River Watershed Management Organization (LMRWMO) to assist with implementing their FY23 Watershed Based Implementation grant with the Minnesota Board of Water and Soil Resources. Services to the LMRWMO will include grant administration and project development tasks.

Project development tasks will include coordinating with stakeholders and LMRWMO hired consultants to conduct watershed modeling and to develop a project prioritization list for future implementation within the LMRWMO's priority watersheds (Thompson Lake, Rogers Lake and Seidls Lake).

The work plan and budget include a total amount not to exceed \$18,000. The LMRWMO Board approved the work plan and budget at their August 9, 2023 meeting.

#### **EXPLANATION OF FISCAL/FTE IMPACT:**

Services to the LMRWMO will be added to the budget and staff work plans for 2024 through 2025.

**Supporting Documents:** 

**Previous Board Action:** 

### FY-23 Watershed Based Implementation Funding Work Plan and Budget for the Lower Mississippi River Watershed Management Organization for Work Performed by the Dakota County Soil and Water Conservation District

<b>TASK</b>	С	ALCULATIO	N	SUBTOTAL
Administration	Hours	Rate	Fees	
Administration	90	\$90.00		\$8,100.00
<ul> <li>Manage the grant and provide overall administration of</li> </ul>				
funds, match requirements, and grant reporting.				
Coordinate with State Agency contacts regarding all				
aspects of the grant.				
<ul> <li>Maintain program and project files to include</li> </ul>				
appropriate documents as reference. Maintain financial				
records to include all revenue and expenses associated				
with this grant, as well as expenditures on projects.				
<ul> <li>Provide entries and status reporting into the eLINK</li> </ul>				
system. Provide website support to follow BWSR website				
grant reporting requirements.				
Project Development	110	¢00.00		¢0.000.00
	110	\$90.00		\$9,900.00
Implement activities outlined in grant work plan.				
Coordinate with project stakeholders to finalize the				
terms of implementation of this project and create a				
detailed scope of work for procurement of a feasibility				
study consultant.				
Organize stakeholder meetings to inform and				
coordinate with affected parties.				
Create joint powers agreement (JPA) to define financial				
responsibilities of project cooperators.				
Communicate with project partners and stakeholders				
before, during, and after feasibility study is undertaken.				
Provide direction to feasibility study consultant on				
study details.				
				4
			Total	\$18,000.0

#### Notes:

- 1. Additional items may be required of the SWCD during the workplan timeframe and individual budget amounts may change as work progresses. If proposed changes are to exceed the total agreed amount, this work plan can be amended as jointly approved by the LMRWMO and SWCD.
- 2. Minnesota Board of Water & Soil Resources grants require the use of their billable rate process for work completed by Soil & Water Conservation Districts and other local units of government. The hourly rate is an estimate and the actual BWSR billable rates will apply.



### **Grant Workplan Watershed Based Implementation JAN 2023**

**Grant Title -** 2023 - WBIF - Lower Mississippi River WMO

**Grant ID - C23-4936** 

**Organization -** Lower Mississippi River WMO

Original Awarded Amount	\$118,385.00	<b>Grant Execution Date</b>	
Required Match Amount	\$11,838.50	Original Grant End Date	12/31/2025
Required Match %	10%	Grant Day To Day Contact	Joe Barten
<b>Current Awarded Amount</b>	\$118,385.00	Current End Date	12/31/2025

#### **Budget Summary**

	Budgeted	Spent	Balance Remaining
Total Grant Amount	\$118,385.00	\$0.00	\$118,385.00
Total Match Amount	\$12,000.00	\$0.00	\$12,000.00
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$130,385.00	\$0.00	\$130,385.00

<sup>\*</sup>Grant balance remaining is the difference between the Awarded Amount and the Spent Amount. Other values compare budgeted and spent amounts.

#### **Budget Details**

	Activity					Last Transaction	Match ing
Activity Name	Category	Source Type	Source Description	Budgeted	Spent	Date	Fund
Administration	Administration	Current	2023 - WBIF - Lower	\$8,000.00			N
	/Coordination	State Grant	Mississippi River WMO				
LMRWMO Priority Watershed	Planning and	Current	2023 - WBIF - Lower	\$100,385.0			N
Project Identification and	Assessment	State Grant	Mississippi River WMO	0			
Watershed Model							

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Match ing Fund
LMRWMO Priority Watershed Project Identification and Watershed Model	Planning and Assessment	Local Fund	Local Matching Funds	\$12,000.00			Υ
Project Development	Project Development	Current State Grant	2023 - WBIF - Lower Mississippi River WMO	\$10,000.00			N

### **Activity Details Summary**

Activity Details	Total Action Count	<b>Total Activity Mapped</b>	Proposed Size / Unit	Actual Size / Unit

### **Proposed Activity Indicators**

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments

### **Grant Activity**

Grant Activity - Administration	on
Description	LMRWMO contracted staff will manage the grant and provide overall administration of grant funds and local match
	requirements. This includes coordination with projects partners to ensure compliance with grant requirements. The
	LMRWMO will maintain financial and project records as appropriate and will follow website grant reporting requirements.
	This task also includes all grant reporting efforts, including communication with BWSR staff as necessary in administration
	of the grant, and development of project reporting. Program and project files will include appropriate documents as
	referenced in the BWSR Grants Administration Manual. Financial records will include all revenue and expenses associated
	with this grant, reporting of contracted labor via invoices, as well as other expenditures on projects.
Category	ADMINISTRATION/COORDINATION
Has Rates and Hours?	Yes

#### Grant Activity - LMRWMO Priority Watershed Project Identification and Watershed Model

#### Description

Combine existing GIS data to develop a water quality, hydrologic, and hydraulic model of priority watersheds. The modeling extent includes the watersheds of priority level 1A lakes (Thompson Lake, Rogers Lake, Seidls Lake). The modeling will identify pollutant loading hotspots, areas with insufficient or no treatment, and identify and prioritize regional treatment opportunities. Created from this information is a priority project list and feasibility analysis for each priority level 1A lake watershed, prioritizing projects that include water quality, volume reduction, and that also address flood risk.

Water quality, hydrologic, hydraulic modeling will be used to design water quality improvement projects, evaluate flood mitigation opportunities, and identify areas where changing climate and regional development or redevelopment trends may exacerbate flooding, erosion, and pollutant loading.

Activities may include watershed modeling, preliminary desktop mapping, cost benefit analysis, pollutant calculations, priority practice ranking, and a final report.

Work to be performed by a qualified consultant, likely a licensed engineer through a water resources engineering consulting firm.

Overall Measurable Outcome: The LMRWMO will have a water quality improvement and volume reduction project priority list of 10+ projects for the priority level 1A watersheds. The LMRMWO will have models to help identify, prioritize, design, and implement water quality improvement projects.

Year 1 Milestones: Accomplish activities outlined in project development phase.

Year 2 milestones: Have consultant under contract, site investigation and analysis underway and draft report in process.

Year 3 Milestones: Complete final feasibility study for distribution to project stakeholders.

Category

Has Rates and Hours?

PLANNING AND ASSESSMENT

No

Grant Activity - Project Develop	oment Communication of the Com
Description	LMRWMO contracted staff will provide the following services in development of the water quality, hydrologic, and hydraulic model of priority watersheds:
	Coordination between project stakeholders to finalize the terms of implementation of this project and creation of a detailed scope of work for procurement of a feasibility study consultant, organizing stakeholder meetings to inform and coordinate with affected parties and the Cities involved, communication with project partners and stakeholders before, during, and after feasibility study is undertaken, providing direction to feasibility study consultant on study details.  Approximate workload distribution within this activity: 40% stakeholder coordination, 60% consultant coordination.
	Year 1 Milestones: Hold two technical advisory stakeholder meeting to discuss project objectives. Discuss project objectives with LMRWMO Board.
	Year 2 milestones: Coordinate consultant selection and have consultant under contract, complete bulk of study by consultant.
	Year 3 Milestones: Complete oversight of final report submittal by consultant.
Category	PROJECT DEVELOPMENT
Has Rates and Hours?	Yes

#### **Grant Attachments**

Document Name	Document Type	Description
2023 WBIF-LMRWMO Revised Application	Grant	2023 - WBIF - Lower Mississippi River WMO
2023 Watershed Based Implementation Funding	Grant Agreement	2023 Watershed Based Implementation Funding - Lower
		Mississippi River WMO
Application	Workflow Generated	Workflow Generated - Application - 01/25/2023
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 02/02/2023

Regular Agenda

Request for Board Action

Voice Vote

Meeting Date: 9/14/2023

Prepared by: Brian Watson

#### **PURPOSE/ACTION REQUESTED:**

Adopt 2024 Fee Schedule

#### **SUMMARY:**

Annually a fee schedule is adopted to establish charges for services and equipment rental. Two changes are being recommended for 2024:

- Increase hourly rate from \$90/hour to \$95/hour for general services provided through agreements with other local units of government.
- Delete processing fee for proctoring commercial pesticide applicators exams on behalf of the Minnesota Department of Agriculture.

Our hourly fee for general services was increased last year from \$85/hour to \$90/hour. Due to inflation and rising costs, it is recommended that our hourly fee increase to \$95/hour for calendar year 2024.

Under our role as County Ag. Inspector as delegated by the Dakota County Board of Commissioners, we had voluntarily been providing services on behalf of the Minnesota Department of Agriculture for proctoring tests under their pesticide applicator licensing program. Due to a significant increase in demand for these services and without financial support to implement this State mandate, we discontinued this service back in June.

The adopted fee schedule is part of the overall budget process and establishes the parameters for developing work plans and agreements with our partners.

#### **EXPLANATION OF FISCAL/FTE IMPACT:**

None – the adopted fee schedule will be used to develop the 2024 budget.

Sup	por	ting	Docu	me	nts:

**Previous Board Action:** 



### 2024 Fee Schedule Dakota County Soil and Water Conservation District

Adopted by Board Action on September 14, 2023

Technical Assistance	Fee	Description/Notes
General Services	<del>\$90/hour</del> \$95/hour	Hourly rate will be used for scope of services described under annual service agreements.
Minnesota Board of Water and Soil Resources Grants (billable rates)	See current BWSR Policy.	For applicable BWSR grants otherwise hourly fee under General Services applies.
Conservation Plans required under State Statute	\$500	Examples include but not limited to:  Minnesota Department of Agriculture Form AG-01313  Metropolitan Ag. Preserves Program  Green Acres Program
Equipment Rental	Fee	Description/Notes
Whirlybird Seeder and Crimper	\$100 delivery and setup Fee may be waived if part of	Whirlybird style 3-point hitch seeder.  Crimper is 8-foot and used to disc straw into soil as
	SWCD approved	mulch and stabilize soils.
Hand Seeder and Tree Spades		·

Wetland Conservation Act Services when Serving as Administrator via LGU Resolution	Fee	Description/Notes	
Wetland Determination Request	\$0	Provide off-site wetland determination Provide base map showing potential wetlands Provide recommendation on need for further field analysis	
Wetland Delineation and Boundary Application	\$500	Review application for completeness Provide WCA notice of application Provide WCA notice of decision	
No Loss or Exemption Application	\$500	Review application for completeness Provide WCA Notice for comment Provide WCA Notice of Decision	
Wetland Replacement Plan Application	\$750	Review application for completeness	
After-The-Fact Applications	\$1,500	Provide WCA Notice for comment Provide WCA Notice of Decision	
Wetland Bank Plan Application	\$750	Review application for completeness Provide WCA Notice for comment Provide WCA Notice of Decision	
Wetland Monitoring Reports	\$300	Review annual reports for completeness Prepare correspondence for LGU signature Facilitate TEP signatures for Certificate of Compliance Provide recommendation to LGU for non-compliance	
Commercial Pesticide Applicators Exams	Fee	Description/Notes	
Processing Fee	<del>\$75</del>	Applies to anyone testing at the Dakota SWCD office who wishes to have test results mailed to Minnesota Department of Agriculture	
Printing Services	Fee	Description/Notes	
Individual Prints (minimum charge)	\$25	The SWCD will provide printing services to partnering	
Draft Quality Prints	\$2.50/sq. ft	organizations for producing large scale maps upo request and at the discretion of staff.	
High Quality Prints	\$3.50/sq. ft		
Copying Charges	See Current County Policy	Fee Schedule will be the same as Copy Fee Schedule adopted annually by County Board.	