



AGENDA

Dakota County Soil and Water Conservation District Board Meeting

Thursday, May 9, 2024 - 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 April 11, 2024 Meeting Minutes
6. Approval of May 9, 2024 Accounts Payable
7. Acceptance of the April 2024 Finance Report
8. Adopt Resolution Accepting Certain Wetland Conservation Act Authorities from Vermillion Township
9. Adopt Revisions to Records Retention Schedule

REGULAR AGENDA

10. Authorization to Execute Contract with Rotty Farms LLC for Establishment of Cover Crops (3-year) Action
11. Authorization to Execute Two Contracts with Randy Volkert for Establishment of Cover Crop (1-year) Action
12. Authorization to Execute Two Contracts with Jerry Kimmes for Establishment of Cover Crop (1-year) Action
13. Authorization to Execute Two Contracts with DST LLP for Establishment of Cover Crop (1 year) Action
14. Authorization to Execute Contract with Kevin Bauer for Establishment of Cover Crop (1-year) Action
15. Authorization to Execute Contract with Dave Stein for Establishment of Cover Crop (1-year) Action
16. Authorization to Execute Contract with Andrew Mulvihill for Implementing Soil Health Practices Action
17. Authorization to Execute Contract with Peine Farms LLP for Implementing Soil Health Practices Action
18. Authorization to Execute Contract with James Gergen for Implementing Soil Health Practices Action
19. Authorization to Execute Contract with Randy Weatherly for Implementing Soil Health Practices Action
20. Authorization to Execute Two Contracts with Pat Maher for Establishment of Cover Crop (1-year) and One contract for Implementing Soil Health Practices Action
21. Authorization to Execute Contract with Bernie Frandrup for Implementing Soil Health Practices Action
22. Authorization to Execute Two Contracts with Dave Legvold for Implementing Soil Health Practices Action
23. Authorization to Execute Contract with Andrew Endres for Implementing Soil Health Practices Action
24. Authorization to Execute Contract with Ches Canyon Road LLC for Implementing Soil Health Practices Action

- 25. Authorization to Execute Contract with River Shore Properties LLC for Implementing Soil Health Practices Action
- 26. Authorization to Execute Contract with Endres Family Farms LLP for Implementing Soil Health Practices Action
- 27. Authorization to Execute Three Contracts with Endres Farms Partnership for Implementing Soil Health Practices Action
- 28. Authorization to Execute Contract with Prairie Farms Partnership for Implementing Soil Health Practices Action
- 29. Announcements and Reports
 - Natural Resources Conservation Service
 - Dakota County
 - Vermillion River Watershed Joint Powers Organization
 - Cannon 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
- 30. Upcoming Events
 - May 9 2024 Dakota County Soil and Water Conservation District Board Meeting
Extension and Conservation Center, 4100 220th Street West, Farmington – 9:00 a.m.
 - May 15, 2024 Black Dog Watershed Management Organization Meeting
Burnsville Maintenance Facility, 13713 Frontier Court, Burnsville – 5:00 p.m.
 - May 15, 2024 Lower Minnesota River Watershed District Meeting
Chaska City Hall, Once City Hall Plaza 2nd Floor – 7:00 p.m.
 - May 23, 2024 Vermillion River Watershed Joint Powers Board Meeting
Extension and Conservation Center, 4100 220th Street West, Farmington - 1:00 p.m.
 - June 12, 2024 Lower Mississippi River Watershed Management Organization Meeting
TBD – 3:00 p.m.
 - June 13, 2024 Dakota County Soil and Water Conservation District Board Meeting
Extension and Conservation Center, 4100 220th Street West, Farmington – 9:00 a.m.
- 31. Adjourn

NOTE: The Board will convene the USDA annual Local Work Group meeting to assist the Natural Resources Conservation Service with identifying conservation needs and resource concerns at 10:30 a.m. or following the Board meeting. This meeting is open to the public. No Board actions will be taken.



MEETING MINUTES

BOARD OF SUPERVISORS MEETING

DAKOTA COUNTY SOIL AND WATER CONSERVATION DISTRICT

Thursday, April 11, 2024

9:00 a.m.

4100 220th Street W, Suite 102
Farmington, Minnesota

Board Members Present:

Kevin Chamberlain, Chair
Laura Zanmiller, Vice Chair
Jayne Dee Hager, Treasurer
Bruce Johnson, Secretary and Information Officer
Brian Raney

SWCD Staff Present:

Brian Watson
Pam LaValle
Curt Coudron
Ashley Gallagher
Todd Matzke
Matthew Sorvig

Others Present:

Brian Wisdorf, DCAO
Brad Becker, Dakota County
Georg Fisher, Dakota County
Chad Hildebrand, BWSR

1. Call to Order and Roll Call

Chair Chamberlain called the meeting to order at 9:08 a.m. A quorum was present.

2. Pledge of Allegiance

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

3. Audience

Chair Chamberlain welcomed Brian Raney as the newly appointed District 3 Board Supervisor and asked meeting attendees go around the room to introduce themselves. Chamberlain asked if there was anyone in the audience that wished to address the Board on an item that is not on the agenda. Chad Hildebrand, Buffer and Soil Loss Specialist with BWSR came forward and provided an overview of his new role.

4. Approval of Agenda

24.026 Motion by Dee second by Johnson to approve the agenda. All members voting in favor. Motion carried.

CONSENT AGENDA

5. Approval of March 14, 2024 Meeting Minutes

The March 14, 2024 meeting minutes were presented.

6. Approval of April 11, 2024 Accounts Payable

The April 2024 accounts payable were presented.

7. Acceptance of the March 2024 Finance Report.

The March Finance Report was presented.

24.027 Motion by Zanmiller, second by Johnson to approve the consent agenda items. Members voting in favor: Chamberlain, Dee, Johnson, Raney, and Zanmiller. Motion carried.

REGULAR AGENDA

8. Authorization to Execute Contract with Grace Lutheran Church for Installation of Bioretention Basin.

Grace Lutheran Church is proposing to construct a bioretention basin in the City Apple Valley, Minnesota River Watershed. Total cost of the project is estimated at \$11,200. Staff is recommending approval at 85% cost share not to exceed \$9,520. Project funds are available through our FY23 Black Dog Watershed WBIF Grant.

24.028 Motion by Dee, second by Johnson to execute contract with Grace Lutheran Church (24-CIF-01) not to exceed \$9,520 for bioretention basin. Members voting in favor: Chamberlain, Dee, Johnson, Raney, and Zanmiller. Motion carried.

9. Authorization to Execute Contract with Thomas Irving Dodge Nature Center for Installation of Manure Management Practices.

Thomas Irving Dodge Nature Center is proposing to install manure management practices in the City of West St. Paul, Mississippi River Watershed. Total cost of the project is estimated at \$14,500. Staff is recommending approval at 85% cost share not to exceed \$12,325. Project funds are available through our FY23 State Cost Share Grant and Dakota County Capital Improvement Program (CIP).

24.029 Motion by Johnson, second by Zanmiller to execute contract with Thomas Irving Dodge Nature Center (24-IPP-01) not to exceed \$12,325 for installation of manure management practices. Members voting in favor: Dee, Johnson, Raney, Zanmiller, and Chamberlain. Motion carried.

10. Authorization to Execute Contract with Harold Peine for Installation of Water and Sediment Control Basin.

Harold Peine is proposing to install a water and sediment control basin in Hampton Township, Vermillion River Watershed. Total cost of the project is estimated at \$8,800. Staff is recommending approval at 85% cost share not to exceed \$7,480. Project funds are available through our FY23 State Cost Share Grant and our annual agreement with the Vermillion River Watershed Joint Powers Agreement.

24.030 Motion by Johnson, second by Zanmiller to execute contract with Harold Peine (24-IPP-03) not to exceed \$7,480 for installation of water and sediment control basin. Members voting in favor: Johnson, Raney, Zanmiller, Chamberlain, and Dee. Motion carried.

11. Authorization to Execute Contract with Daniel Strauss for Installation of Native Prairie with Pollinator Habitat.

Daniel Strauss is proposing to install Native Prairie with Pollinator Habitat in Hampton Township, Cannon River Watershed. Total cost of the project is estimated at \$6,600. Staff is recommending approval at 85% cost share not to exceed \$5,610. Project funds are available through our FY22 Drinking Water Protection Grant and the Dakota County Capital Improvement Program.

24.031 Motion by Dee, second by Johnson to execute contract with Daniel Strauss (24-IPP-29) not to exceed \$5,610 for Native Prairie with Pollinator Habitat. Members voting in favor: Raney, Zanmiller, Chamberlain, Dee, and Johnson. Motion carried.

12. Soil Health update

Watson reported we have more interest in soil health conservation projects than funds available. All soil health projects have been pulled from this month's agenda and Watson requested the rural lands committee meet to discuss and prioritize applications submitted.

13. Authorization to Execute Joint Powers Agreement with Dakota County and the City of Mendota Heights for project implementation relating to the Interstate Valley Creek Streambank Stabilization and Stormwater Best Management Practices Project.

The SWCD secured a competitive FY24 Clean Water Fund grant through the Minnesota Board of Water and Soil Resources (BWSR) to construct three stormwater management projects and three streambank stabilization projects along Interstate Valley Creek in Mendota Heights. Through the Dakota County Attorney's Office, staff drafted and presented a Joint Powers Agreement to Dakota County and City partners which outlines the parameters for coordination of this cooperative project. The City of Mendota Heights and Dakota County will be responsible for providing required grant match funds and will be responsible for long term maintenance of the completed projects.

24.032 Motion by Zanmiller, second by Johnson to execute joint powers agreement with Dakota County and the City of Mendota Heights for project implementation relating to the Interstate Valley Creek Streambank Stabilization and Stormwater Best Management Practices Project. All members voting in favor. Motion carried.

14. Announcements and Reports

Natural Resources Conservation Service

The Natural Resources Conservation Services (NRCS) report was submitted via email and presented to the Board. The local work group meeting is proposed for May 9, 2024 following the board meeting. Conservation Reserve Program general sign up is closed, 9 contracts were received in Dakota County and will begin in September. Conservation Security Program ranking deadline is this week, they will be ranking 5 applications in Dakota County. Funding opportunities are available and were presented.

Dakota County

The Dakota County report was provided by Brad Becker and Georg Fisher. Becker provided a history of Capital Improvement Project (CIP) funds provided to the SWCD starting in 2019. Becker indicated that the 2025 CIP funding request is currently underway. Fisher presented Brian Watson with a challenge coin and thanked him for all he has done with the SWCD over the years.

Cannon River Watershed Joint Powers Board

No report provided.

Vermillion River Watershed Joint Powers Organization

No report provided.

Metropolitan Conservation Districts Joint Power Board

No report provided.

Minnesota Association of Soil and Water Conservation Districts

The Minnesota Association of Soil and Water Conservation District report was provided by Laura Zanmiller. Zanmiller provided an update on membership dues, soil health programming and a possible human resources cooperative.

District Managers Report

Watson reported that Diane Schmidtke will be retiring on May 24 and cake and coffee will be served following the board meeting to recognize her employment and retirement with the SWCD. Supervisors for Districts 1, 2 & 3 are up for re-election and the filing period is May 21st thru June 4th. The tree sale distribution will be April 24th & 25th at the Dakota County Fairgrounds. Discussion occurred on the hiring process for the District Manager position.

Board of Supervisors Announcements

No report provided.

15. Upcoming Events

The upcoming events were reviewed.

16. Adjourn

24.033 Motion by Dee, second by Johnson to adjourn. Motion carried.

The meeting was adjourned at 10:30 a.m.

Respectfully submitted,

Bruce Johnson
Secretary

**Dakota County SWCD
Balance Sheet
April 2024**

7.0 April 2024 Finance Report

ASSETS:

Checking , Savings, CD	\$	1,790,602.16	
Total Cash:			\$1,790,602.16

Accounts Receivable:

BWSR - FY21 WBIF Cannon River	\$	19,871.86	
BWSR - FY21 WBIF MN River South	\$	5,000.00	
Cannon River JPO	\$	5,676.00	
DC Physical Development	\$	54,845.53	
LMR WMO	\$	21,340.94	
LMR - CPLG FY22 Seidl Lake	\$	3,351.50	
LMR WMO FY23 WBIF	\$	1,303.50	
LMR WMO FY21 WBIF	\$	7,787.50	
MCD JPB - MAWQCP	\$	387.00	
MDA NFMP	\$	1,720.00	
Met Council WOMPS	\$	735.49	
Total Accounts Receivable:			\$ 122,019.32

TOTAL ASSETS:

\$ 1,912,621.48

LIABILITIES AND EQUITY:

Current Liabilities

Payroll Liabilities	\$	250.00	
Sales Tax Payable	\$	100.73	
			\$ 350.73

Unearned Revenue:

MN State Aid	\$	108,586.87	
Buffer Law Funds 2024	\$	5,512.50	
Conservation Contracts 2024	\$	24,843.00	
Conservation Contracts 2025	\$	24,843.00	
Conservation Delivery 2023	\$	11,891.51	
Conservation Delivery 2024	\$	21,240.00	
Conservation Delivery 2025	\$	21,240.00	
IVC Streambank Stabilization	\$	290,247.00	
DC Drinking Water PP 2022	\$	55,811.02	
State Cost Share 2023	\$	22,054.00	
WBIF 2021 Cannon River	\$	(818.00)	
WBIF 2022 Cannon River	\$	92,969.77	
WBIF 2021 Miss River East	\$	(282.00)	
WBIF 2023 Vermillion River	\$	21,849.50	
WBF 2022 Black Dog	\$	24,444.00	
WBF 2022 Eagan-IGH	\$	27,069.00	
DC Natural Resources Block Grant	\$	41,565.50	
DC Operating Allocation	\$	254,201.36	
WOMP Deferred	\$	(3,916.79)	
Total Unearned Revenue			\$ 1,043,351.24

Total Liabilities:

\$ 1,043,701.97

Fund Balance Beginning of Year	\$	846,126.15	
YTD Net Income/loss	\$	22,793.36	
Fund Balance End of Current Period	\$	868,919.51	

TOTAL LIABILITIES AND EQUITY:

\$ 1,912,621.48

**Dakota County SWCD
Income and Expense Summary
April 2024**

	Current Month	Year to Date
Income		
County Revenues	\$ 100,976.69	\$ 196,302.17
State Revenues	\$ 160,374.29	\$ 193,525.49
Local Revenues	\$ 100,090.43	\$ 100,090.43
Interest Earnings	\$ 3,886.95	\$ 8,724.33
Charges for Services	\$ 525.00	\$ 6,136.11
Tree Program Revenues	\$ 721.19	\$ 35,652.58
Total Income	\$ 366,574.55	\$ 540,431.11
Expense		
County Expenses	\$ -	\$6,657.33
State Expenses	\$ 166.52	\$33,335.43
Local Expenses	\$ 1,533.61	\$32,892.04
Operating Expenses	\$ 522.89	\$17,613.70
Payroll/Personnel Expenses	\$ 110,966.28	\$426,110.83
Project Expenses	\$ 62.61	\$300.50
Tree Program Expenses	\$ -	\$727.92
Total Expense	\$113,251.91	\$517,637.75
Net Income	<u>\$253,322.64</u>	<u>\$22,793.36</u>

DAKOTA COUNTY SOIL AND WATER CONSERVATION DISTRICT

Consent Agenda

Request for Board Action

Roll Call Vote

Meeting Date: 5/9/2024

Prepared by: Brian Watson

PURPOSE/ACTION REQUESTED:

Adopt resolution accepting certain Wetland Conservation Act (WCA) authorities from Vermillion Township.

SUMMARY:

The Vermillion Township Board passed a resolution at their April 4, 2024 meeting to delegate its decision and administrative authority to the SWCD for the following WCA purposes:

- Official Listing as WCA Contact
- Wetland Boundary and Type Decisions
- No Loss Decisions
- Exemption Decisions
- Providing State Required Annual Reports

With adoption of this resolution, the SWCD would perform these WCA delegated authorities within Vermillion Township.

Staff had previously provided information that all Dakota County Townships had delegated certain WCA authorities to the SWCD. However, staff was not able to locate documentation that this delegation had occurred previously for Vermillion Township. Based on input from BWSR and in coordination with Vermillion Township, it was decided to have the township Board take new action to formally document these delegated and accepted WCA responsibilities.

EXPLANATION OF FISCAL/FTE IMPACT:

It is anticipated that approximately 10 staff hours annually will be required under this delegation agreement. Staff costs to administer the program will be derived from a BWSR Natural Resource Block grant that Dakota County receives and transfers to the SWCD and from application fees established by the SWCD Board.

Supporting Documents: Draft SWCD resolution accepting delegated WCA authorities Vermillion Township resolution delegating WCA authorities to the SWCD	Previous Board Action: N/A
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**VERMILLION TOWNSHIP
DAKOTA COUNTY, MINNESOTA**

RESOLUTION NO. 24-03

**A RESOLUTION REGARDING THE ADMINISTRATION
OF THE WETLAND ACT OF 1991**

WHEREAS, the Minnesota Wetland Conservation Act of 1991 (WCA) requires local governmental units (LGUs) to implement this law by adopting the rules and regulations promulgated by the Minnesota Board of Water and Soil Resources (BWSR) pertaining to wetland draining, filling and excavation; and

WHEREAS, the BWSR has defined metropolitan area cities and townships as LGUs under the WCA; and

WHEREAS, the Township of Vermillion acknowledged and accepted administrative responsibility for the WCA within its borders on February 15, 1994; and

WHEREAS, the LGU is responsible for following the WCA rules as stated in Minnesota Statute 8420.0200, Determining Local Government Unit Duties; and

WHEREAS, Minnesota Statutes, § 103G.005 permits an LGU to delegate some or all of its WCA authority to a qualified entity; and

WHEREAS, the Dakota County Soil and Water Conservation District has qualified personnel trained in application of the WCA and has indicated a willingness to accept a delegation of certain WCA administrative and technical responsibilities;

THEREFORE BE IT RESOLVED THAT the Township of Vermillion hereby acknowledges and delegates its decision and administrative authority to the Dakota County Soil and Water Conservation District and their technical staff for the following purposes:

- Official Listing as LGU Contact
- Wetland Boundary and Type Decisions
- No Loss Decisions
- Exemption Decisions
- Providing State Required Annual WCA Reports

PASSED and ADOPTED by the Town Board of Vermillion Township this 4th day of April, 2024.

VERMILLION TOWNSHIP

Larry Ring, Town Chair

ATTEST:


Cynthia Ladzun, Town Clerk

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SWCD BOARD DATE ACCEPTED AND APPROVED: _____

SWCD BOARD SIGNATURE: _____

DAKOTA COUNTY SOIL AND WATER CONSERVATION DISTRICT**Consent Agenda**

Request for Board Action

Roll Call Vote

Meeting Date: 5/9/2024

Prepared by: Brian Watson

PURPOSE/ACTION REQUESTED:

Adopt revisions to records retention schedule

SUMMARY:

The purpose of a records retention schedule is to provide a plan for managing public records by giving continuing authority to dispose of records under Minnesota Statute. It establishes minimum retention periods based on its administrative, fiscal, legal, and historical value.

The last records retention schedule approved occurred in April of 2004. Staff is recommending we update our current records retention schedule with a more current format that follows State guidelines and improves category groupings based on subject matter. Category groupings listed in the revised records retention schedule include:

- Board of Supervisors
- Administration
- Education
- Human Resources
- Insurance
- Planning
- Records Management
- Technical

Records retention schedules are approved by the Minnesota Historical Society, State Auditor and Attorney Generals Office. Upon Board adoption, staff will forward to these State offices for processing and approvals.

EXPLANATION OF FISCAL/FTE IMPACT:

None

Supporting Documents:

Draft Records Retention Schedule

Previous Board Action:

04.075 – Approval of Retention Schedule

1. Schedule Number	Date	2. New	Revision of	MINNESOTA RECORDS RETENTION SCHEDULE	
3. Agency		4. Division/Section		6. Page	1 of
5. Address				See attached page(s) for records description	
7. For Use By Records Panel Only					
AUTHORIZATION: Under the authority of M.S. 138.17, it is hereby ordered that the records listed on this application be disposed per approved schedule.			Notice: This retention schedule has been reviewed by the State Records Disposition Panel in accordance with Minnesota Statutes 138.17. The records listed on this schedule have been reviewed for their historical, fiscal, and legal value.		
8. Agency Records Management Officer (signature)		Date		11. Minnesota Historical Society, Director	
9. Type Name / Phone		12. Legislative or State Auditor		Date	
10. Agency Head or Designee (signature)		Date		13. Attorney General	
				Date	

Original-State Records Disposition Panel

Copy 1-Agency (after approval)

1. Schedule No.	3. Agency	4. Division/Section:	6. Page ___ of ___
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14. Item No.	15. Record Series Title and Description	16. Retention Instructions	17. Statute (optional)	18. Essential? (Yes/no)	19. Archival? (Yes/no)
	Board of Supervisors				
1	Board of Supervisor Meeting Minutes	Permanent		Yes	Yes
2	Board of Supervisor Oath of Office	10 years			No
3	Board of Supervisor Notice of Meetings	6 years			No
4	Board of Supervisor Laws and Operating Rules	Until superseded			Yes
	Administration				
5	Annual Report	Permanent		Yes	Yes
6	Certificates of Title	Length of Ownership			No
7	Contracts/Agreements, Lease of Real Property	10 years after expiration date			No
8	Grants, Bids, Specs, and Supporting Papers	6 yrs after expiration unless dictates otherwise			No
	Education				
9	Correspondence including: Newsletters, News Releases, Education Programs, and Service Announcements	3 years			No
	Finance				
10	Org Charts, Policies & Procedures, Bylaws, and Operating Rules	Until Superseded			No
11	Audited Financial Reports	Permanent		Yes	Yes
12	Accounting Reports including Payroll, Bank Statements, Budgets, Tax reporting, Investment Documents, 1099s	6 years			No
13	Fixed Asset Schedule	Until Superseded			No
	Human Resources				
14	PERA Reports, Affirmative Action Files, and Grievance Files	Permanent		Yes	No
15	Timesheets, Salary Schedules, and Disciplinary Actions	6 years			No
16	Personnel Files, Disciplinary Actions, and Veterans Preference Election Form,	5 years after resignation or termination			No

1. Schedule No.	3. Agency	4. Division/Section:	6. Page ___ of ___		
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17	Pay Equity reports, First Report of Injury, Employee Recognition, and I9 forms	3 years			No
18	Employment applications	1 year			No
19	Employee Manual, Supervisors Handbook, Job Classifications, Benefit Enrollment & Plans, Job Descriptions, Job Postings, W-4s	Until Superseded			No
	Insurance				
20	Certificates of Insurance, Claims, Bonds, Policies	6 years			No
	Planning				
21	Local Government Units	7 years			No
22	Comprehensive Plan	6 years			Yes
	Records Management				
23	Records Retention Schedules	Until Superseded			No
	Technical				
24	Topographical maps	Permanent		Yes	No

DRAFT

DAKOTA COUNTY SOIL AND WATER CONSERVATION DISTRICT

Regular Agenda

Request for Board Action

Roll Call Vote

Meeting Date: 5/9/2024

Prepared by: Curt Coudron

PURPOSE/ACTION REQUESTED:

Authorize execution of a contract with Rotty Farms LLC not to exceed \$7,830 for the establishment of cover crops (3-year).

SUMMARY:

Rotty Farms LLC (Tom Rotty) is proposing to establish cover crops on 58 acres over a 3-year period. The field is located in Nininger Township, Vermillion 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. Payment for the first year will be made upon certifying establishment of the cover crop and District Board approval. Payments for additional years will be made annually when cover crop seeding has been completed and certified by District staff.

EXPLANATION OF FISCAL/FTE IMPACT:

Project funds are available through our FY23 Vermillion River Watershed Based Implementation Funding Grant with the Minnesota Board of Water and Soil Resources (BWSR) and the Dakota County Capital Improvement Program (CIP).

Supporting Documents:

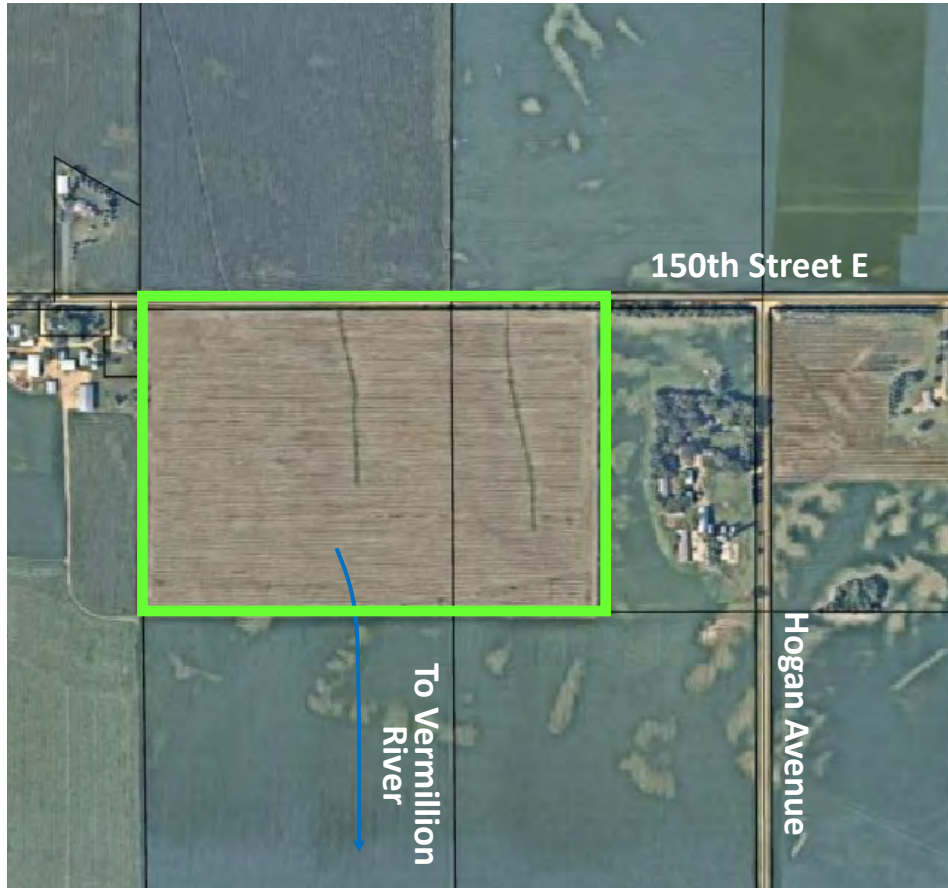
24-IPP-04 Rotty Farms LLC CC Factsheet

Previous Board Action:

None



ROTTY FARMS LLC COVER CROPS



PRACTICE:

- Cover Crops

BENEFITS:

- 15 tons of sediment per year prevented from traveling downstream
- 19 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:

- Vermillion River

RECEIVING WATERS:

- Lower Mainstem Vermillion River

INSTALLATION:

- 10/15/2026

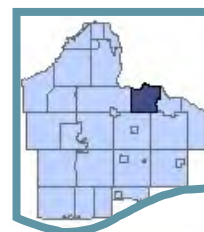
PROJECT: An oat and radish cover crop will be planted on 58 acres for three consecutive years. The cover crops will provide erosion control, reduce weed pressure, and prevent nutrient leaching.

FUNDING: Incentive Amount: **\$7,830**
(58 acres x \$45 per acre x 3 years)



Clean Water Fund:
*Protecting and restoring
Minnesota's waters for
generations to come.*

LOCATION:
Nininger Township



DAKOTA COUNTY SOIL AND WATER CONSERVATION DISTRICT

Regular Agenda

Request for Board Action

Roll Call Vote

Meeting Date: 5/9/2024

Prepared by: Curt Coudron

PURPOSE/ACTION REQUESTED:

Authorize execution of two (2) contracts with Randy Volkert not to exceed \$5,145 and \$2,730 for the establishment of a cover crop (1-year).

SUMMARY:

Randy Volkert is proposing to establish a cover crop on two fields totaling 225 acres. The first field is located in Vermillion Township, Vermillion River Watershed, and the second field is located in Sciota Township, Cannon River Watershed. A winter cereal rye cover crop will be planted on each field. Practice details are as follows:

Contract 24-IPP-27, \$5,145

Practice	# of acres	# of years	\$ per acre	Total
Cover Crop	147	1	\$35	\$5,145

Contract 24-IPP-28, \$2,730

Practice	# of acres	# of years	\$ per acre	Total
Cover Crop	78	1	\$35	\$2,730

Under District cost share policy, payment will be made upon certifying the establishment of the cover crop and District Board approval.

EXPLANATION OF FISCAL/FTE IMPACT:

Project funds are available through our annual agreement with the Vermillion River Watershed Joint Powers Organization and the Dakota County Capital Improvement Program (CIP).

Supporting Documents:

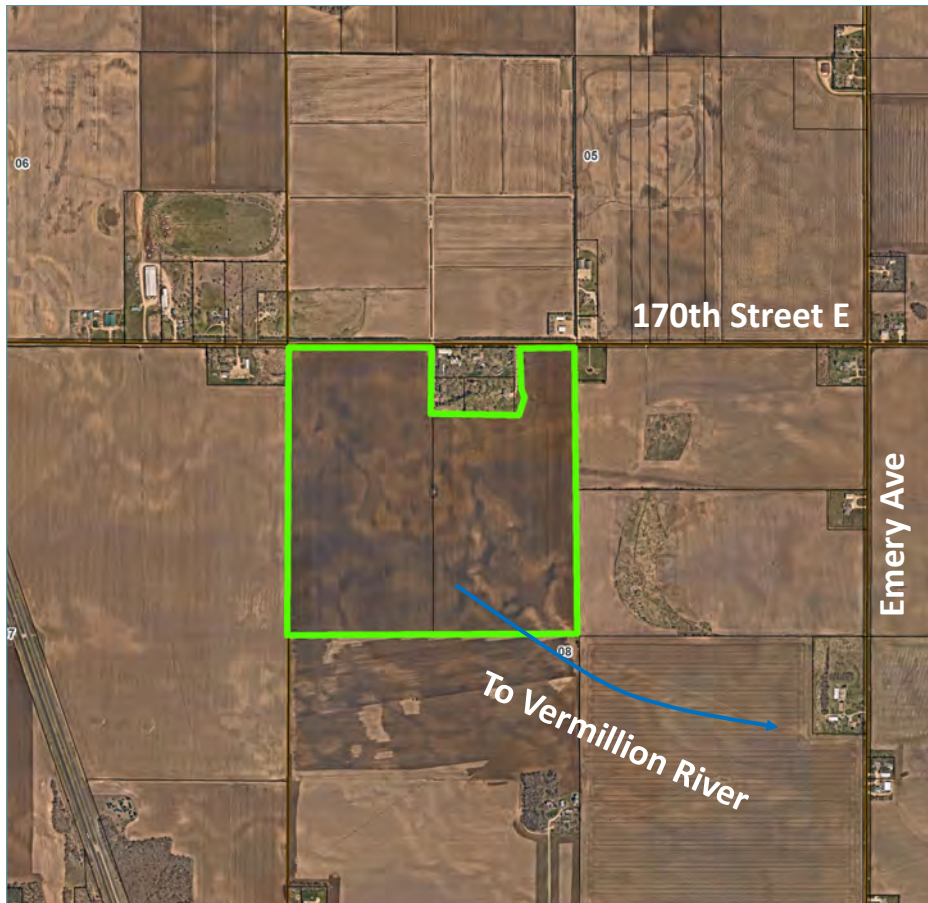
24-IPP-27 Volkert, Randy CC Factsheet
 24-IPP-28 Volkert, Randy CC Factsheet

Previous Board Action:

None

RANDY VOLKERT

COVER CROP

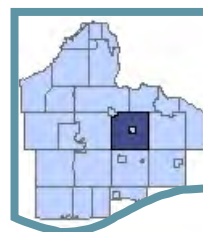


PROJECT: A winter cereal rye cover crop will be planted on 147 acres following sweetcorn harvest. The cover crop will provide erosion control, reduce weed pressure, and prevent nutrient leaching.

FUNDING: Incentive Amount: **\$5,145**
(147 acres x \$35 per acre x 1 year)



LOCATION:
Vermillion
Township



PRACTICE:

- Cover Crop

BENEFITS:

- 14 tons of sediment per year prevented from traveling downstream
- 25 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

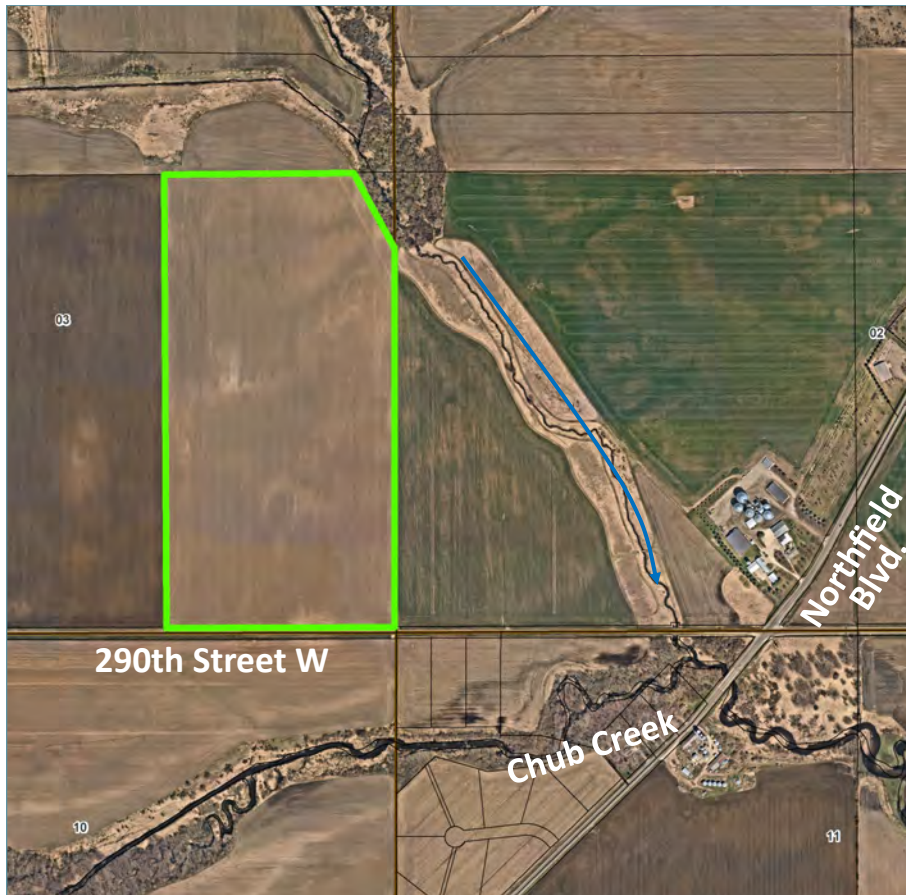
RECEIVING WATERS:

- Vermillion River

INSTALLATION:

- Fall 2024

RANDY VOLKERT COVER CROP

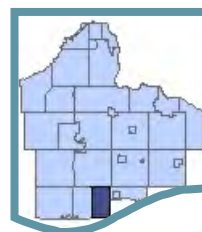


PROJECT: A winter cereal rye cover crop will be planted on 78 acres following sweetcorn harvest. The cover crop will provide erosion control, reduce weed pressure, and prevent nutrient leaching.

FUNDING: Incentive Amount: **\$2,730**
(78 acres x \$35 per acre x 1 year)

LOCATION:

Sciota
Township



PRACTICE:

- Cover Crop

BENEFITS:

- 7 tons of sediment per year prevented from traveling downstream
- 13 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:

- Chub Creek

INSTALLATION:

- Fall 2024

DAKOTA COUNTY SOIL AND WATER CONSERVATION DISTRICT

Regular Agenda

Request for Board Action

Roll Call Vote

Meeting Date: 5/9/2024

Prepared by: Curt Coudron

PURPOSE/ACTION REQUESTED:

Authorize execution of two (2) contracts with Jerry Kimmes not to exceed \$3,605 and \$2,625 for the establishment of a cover crop (1-year).

SUMMARY:

Jerry Kimmes is proposing to establish a cover crop on two fields totaling 178 acres. The first field is located in Marshan Township and the second field is located in Douglas Township, both in the Vermillion River Watershed. An oat and radish cover crop will be planted on each field. Practice details are as follows:

Contract 24-IPP-31, \$3,605

<u>Practice</u>	<u># of acres</u>	<u># of years</u>	<u>\$ per acre</u>	<u>Total</u>
Cover Crop	103	1	\$35	\$3,605

Contract 24-IPP-32, \$2,625

<u>Practice</u>	<u># of acres</u>	<u># of years</u>	<u>\$ per acre</u>	<u>Total</u>
Cover Crop	75	1	\$35	\$2,625

Under District cost share policy, payment will be made upon certifying the establishment of a cover crop and District Board approval.

EXPLANATION OF FISCAL/FTE IMPACT:

Project funds are available through our annual agreement with the Vermillion River Watershed Joint Powers Organization and the Dakota County Capital Improvement Program (CIP).

Supporting Documents:

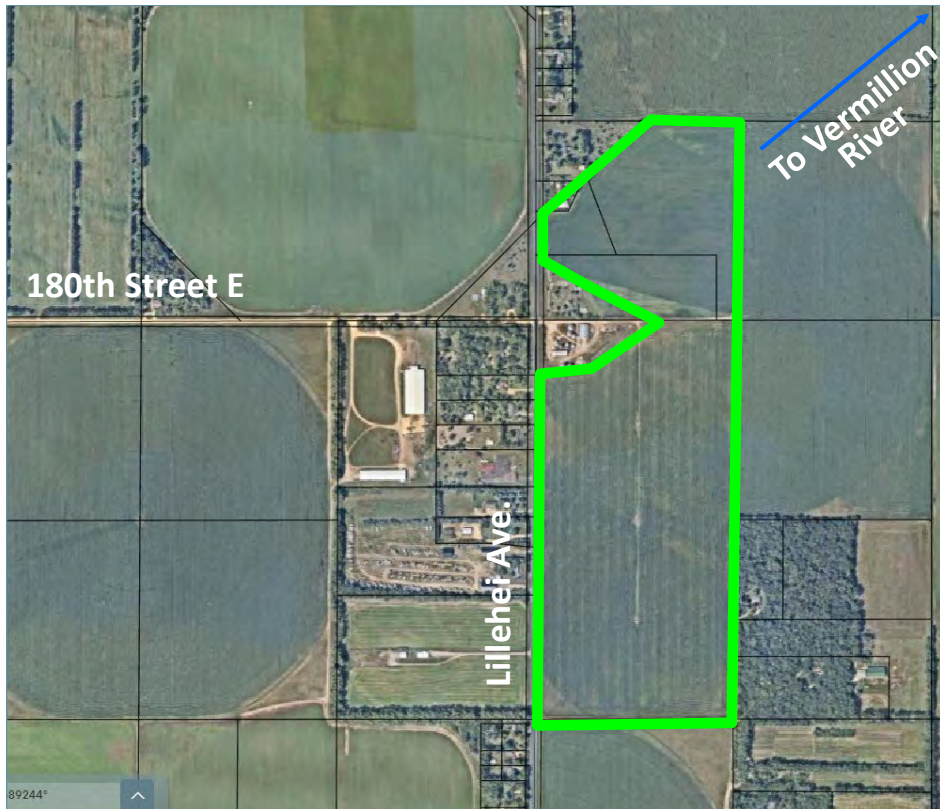
24-IPP-31 Kimmes, Jerry CC Factsheet
24-IPP-32 Kimmes, Jerry CC Factsheet

Previous Board Action:

None



JERRY KIMMES COVER CROP



PRACTICE:

- Cover Crop

BENEFITS:

- 1 ton of sediment per year prevented from traveling downstream
- 1 lb. 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 2024

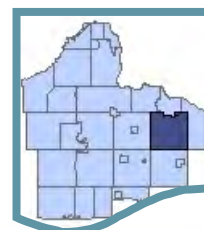
PROJECT: An oat and radish cover crop will be planted on 103 acres following snapbean harvest. The cover crop will provide erosion control, reduce weed pressure, and prevent nutrient leaching.

FUNDING: Incentive Amount: \$3,605



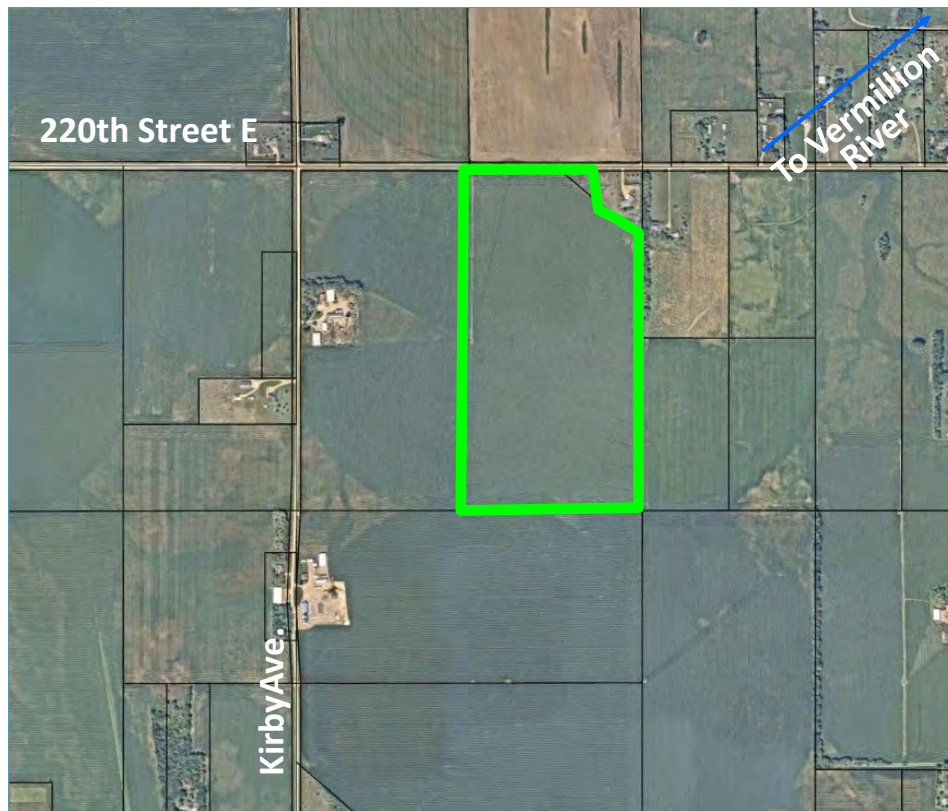
LOCATION:

Marshan
Township





JERRY KIMMES COVER CROP



PRACTICE:

- Cover Crop

BENEFITS:

- 2 tons of sediment per year prevented from traveling downstream
- 3 lb. 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 2024

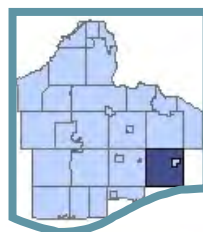
PROJECT: An oat and radish cover crop will be planted on 75 acres following sweet corn harvest. The cover crop will provide erosion control, reduce weed pressure, and prevent nutrient leaching.

FUNDING: Incentive Amount: \$2,625



LOCATION:

Douglas
Township



DAKOTA COUNTY SOIL AND WATER CONSERVATION DISTRICT

Regular Agenda

Request for Board Action

Roll Call Vote

Meeting Date: 5/9/2024

Prepared by: Curt Coudron

PURPOSE/ACTION REQUESTED:

Authorize execution of two (2) contracts with DST LLP not to exceed \$2,205 and \$3,150 for the establishment of a cover crop (1-year).

SUMMARY:

DST LLP (Scott Weber) is proposing to establish a cover crop on two fields totaling 153 acres. The fields are located in Douglas Township, Cannon River Watershed. A winter cereal rye cover crop will be planted on each field. Practice details are as follows:

Contract 24-IPP-56, \$2,205

<u>Practice</u>	<u># of acres</u>	<u># of years</u>	<u>\$ per acre</u>	<u>Total</u>
Cover Crop	63	1	\$35	\$2,205

Contract 24-IPP-57, \$3,150

<u>Practice</u>	<u># of acres</u>	<u># of years</u>	<u>\$ per acre</u>	<u>Total</u>
Cover Crop	90	1	\$35	\$3,150

Under District cost share policy, payment will be made upon certifying the establishment of a cover crop and District Board approval.

EXPLANATION OF FISCAL/FTE IMPACT:

Project funds are available through our annual agreement with the North Cannon River Watershed Management Organization and the Dakota County Capital Improvement Program (CIP).

Supporting Documents:

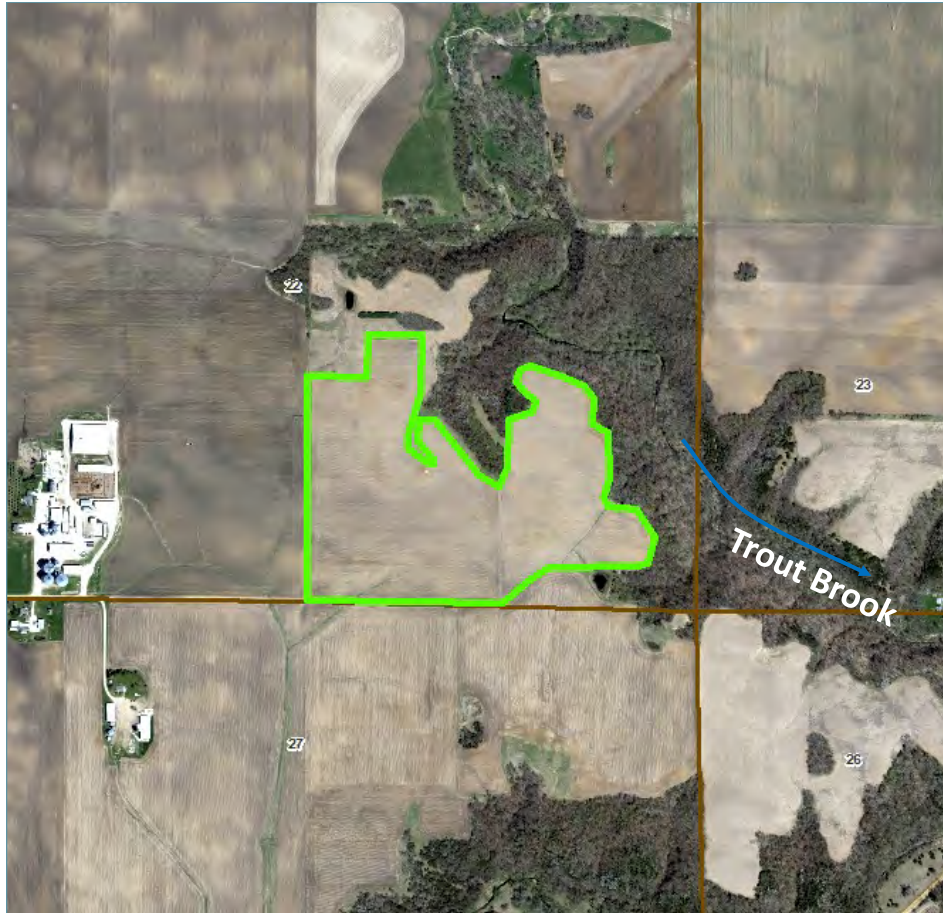
24-IPP-56 DST LLP CC Factsheet
24-IPP-57 DST LLP CC Factsheet

Previous Board Action:

None



DST LLP COVER CROP



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:

- North Cannon River Watershed Management Organization
- Dakota County

WATERSHED:

- Cannon River

RECEIVING WATERS:

- Trout Brook

INSTALLATION:

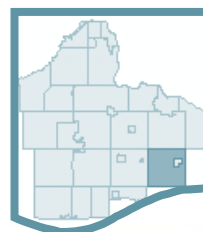
- Fall 2023

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.

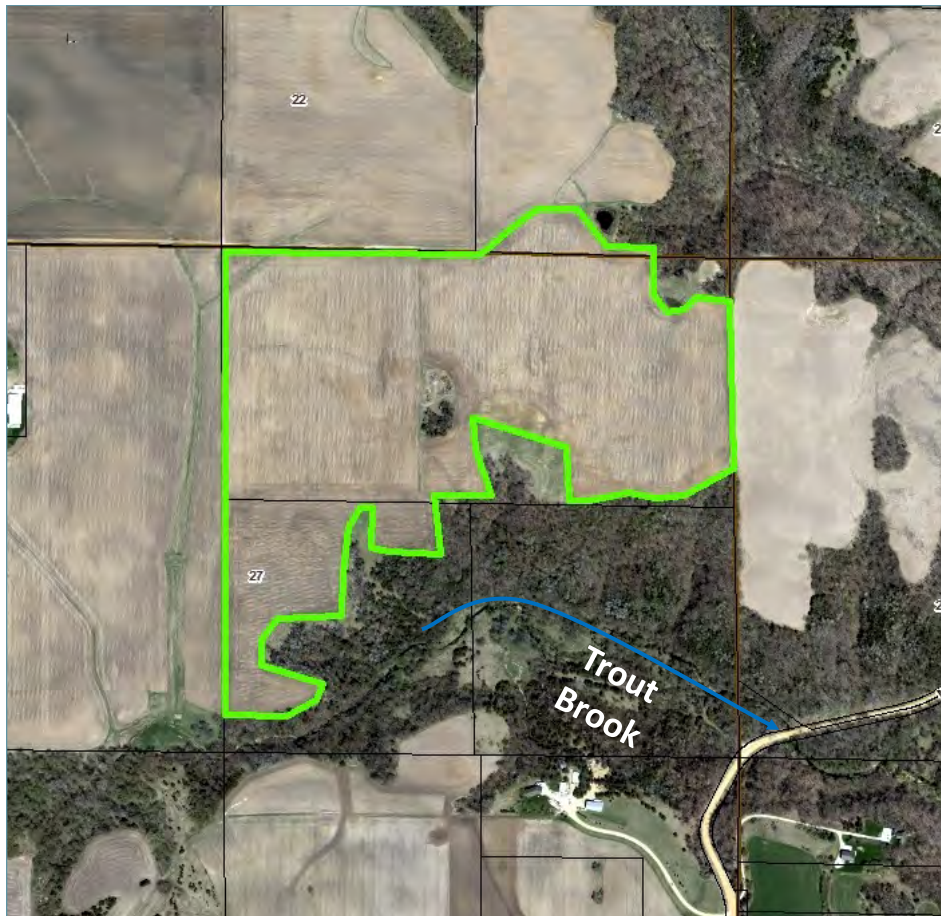
FUNDING: Incentive Amount: \$2,205
(63 acres x \$35 per acre x 1 year)



LOCATION:
Douglas Township



DST LLP COVER CROP

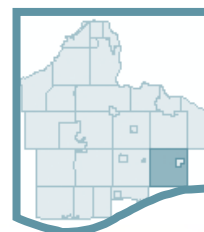


PROJECT: A winter cereal rye cover crop will be planted on 90 acres following soybean harvest. The cover crop will provide erosion control, reduce weed pressure, and prevent nutrient leaching.

FUNDING: Incentive Amount: **\$3,150**
(90 acres x \$25 per acre x 1 year)



LOCATION:
Douglas
Township



PRACTICE:

- Cover Crop

BENEFITS:

- 71 tons of sediment per year prevented from traveling downstream
- 80 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:

- North Cannon River Watershed Management Organization
- Dakota County

WATERSHED:

- Cannon River

RECEIVING WATERS:

- Trout Brook

INSTALLATION:

- Fall 2022

DAKOTA COUNTY SOIL AND WATER CONSERVATION DISTRICT

Regular Agenda

Request for Board Action

Roll Call Vote

Meeting Date: 5/9/2024

Prepared by: Curt Coudron

PURPOSE/ACTION REQUESTED:

Authorize execution of a contract with Kevin Bauer not to exceed \$5,600 for the establishment of a cover crop (1-year).

SUMMARY:

Kevin Bauer is proposing to establish a cover crop on 160 acres. The field is located in Marshan Township, Vermillion River Watershed.

A seeding plan has been prepared and accepted. Based on the District's adopted cost share policy, a landowner is eligible for up to \$35 per acre on a one-year contract. Payment will be made upon certifying the establishment of a cover crop and District Board approval.

EXPLANATION OF FISCAL/FTE IMPACT:

Project funds are available through our annual agreement with the Vermillion River Watershed Joint Powers Organization.

Supporting Documents:

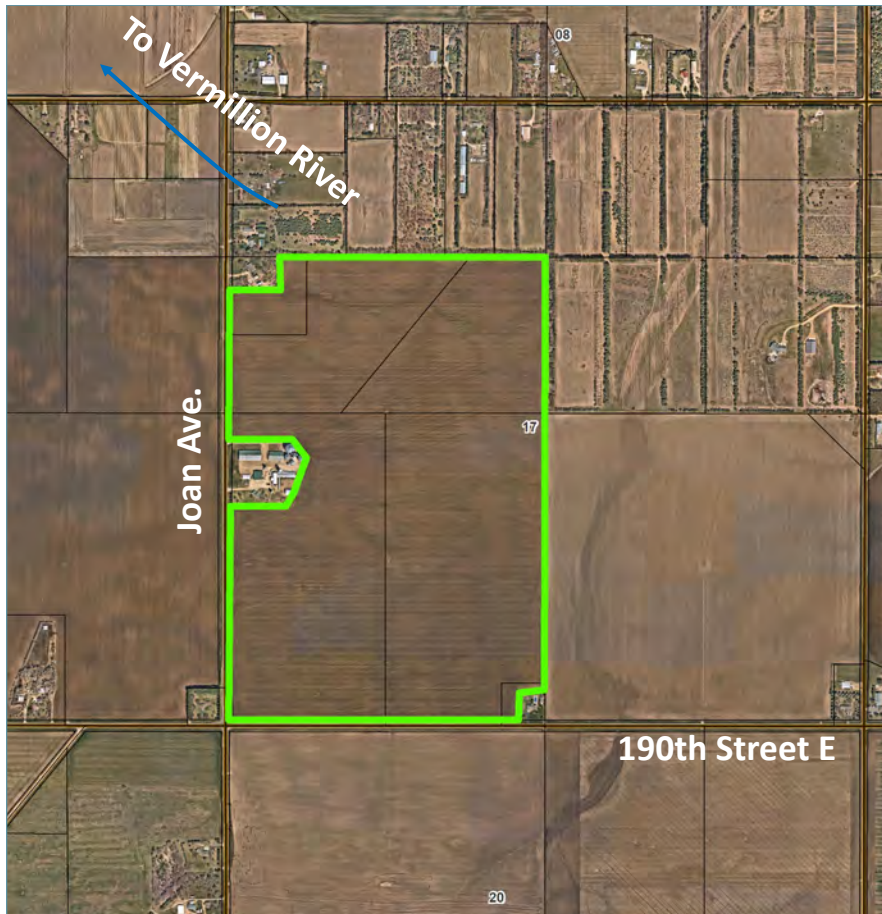
24-IPP-59 Bauer, Kevin CC Factsheet

Previous Board Action:

None



KEVIN BAUER COVER CROP



PRACTICE:

- Cover Crop

BENEFITS:

- 7 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:

- Vermillion River Watershed Joint Powers Organization
- Dakota County

WATERSHED:

- Vermillion River

RECEIVING WATERS:

- Vermillion River

INSTALLATION:

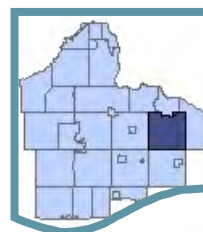
- Fall 2024

PROJECT: A winter cereal rye cover crop will be planted on 160 acres following snapbean harvest. The cover crop will provide erosion control, reduce weed pressure, and prevent nutrient leaching.

FUNDING: Incentive Amount: \$5,600
(160 acres x \$35 per acre x 1 year)



LOCATION:
Marshan Township



DAKOTA COUNTY SOIL AND WATER CONSERVATION DISTRICT

Regular Agenda

Request for Board Action

Roll Call Vote

Meeting Date: 5/9/2024

Prepared by: Curt Coudron

PURPOSE/ACTION REQUESTED:

Authorize execution of a contract with Dave Stein not to exceed \$1,505 for the establishment of a cover crop (1-year).

SUMMARY:

Dave Stein is proposing to establish a cover crop on 43 acres. The field is located in Douglas Township, Cannon River Watershed.

A seeding plan has been prepared and accepted. Based on the District's adopted cost share policy, a landowner is eligible for up to \$35 per acre on a one-year contract. Payment will be made upon certifying the establishment of a cover crop and District Board approval.

EXPLANATION OF FISCAL/FTE IMPACT:

Project funds are available through the Dakota County Capital Improvement Program (CIP).

Supporting Documents:

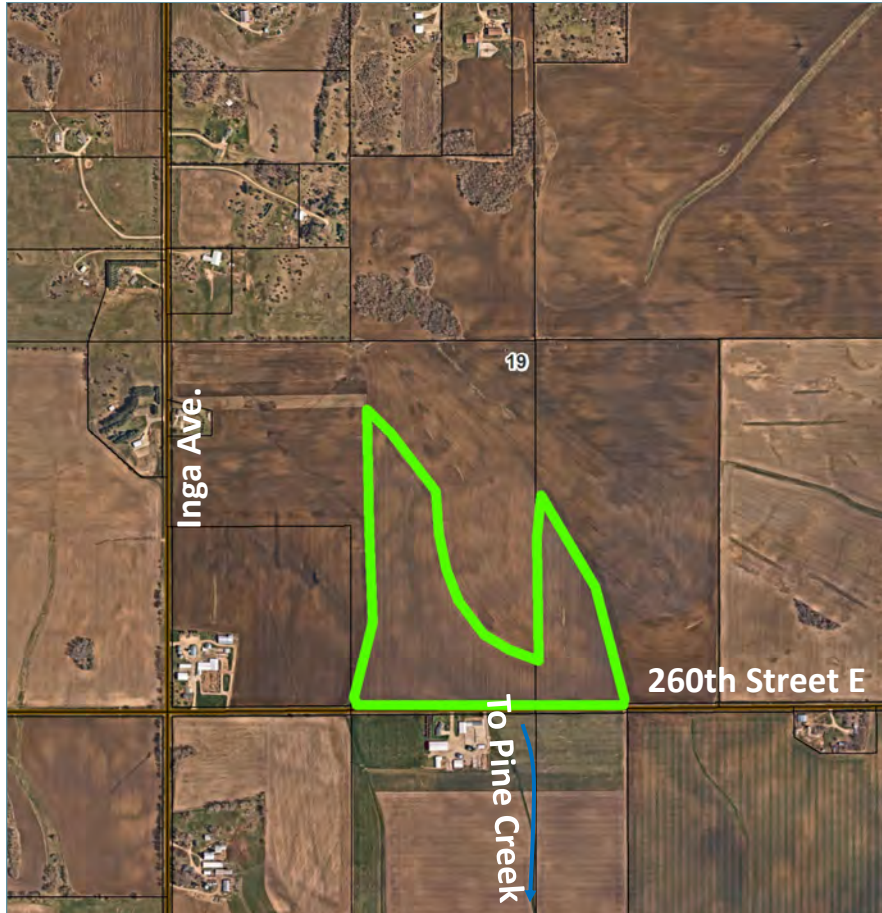
24-IPP-61 Stein, Dave CC Factsheet

Previous Board Action:

None



DAVE STEIN COVER CROP

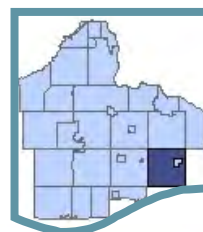


PROJECT: A winter cereal rye cover crop will be planted on 43 acres following sweet corn harvest. The cover crop will provide erosion control, reduce weed pressure, and prevent nutrient leaching.

FUNDING: Incentive Amount: \$1,505
(43 acres x \$35 per acre x 1 year)



LOCATION:
Douglas Township



PRACTICE:

- Cover Crop

BENEFITS:

- 2 tons of sediment per year prevented from traveling downstream
- 5 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:

- Fall 2024

DAKOTA COUNTY SOIL AND WATER CONSERVATION DISTRICT**Regular Agenda**

Request for Board Action

Roll Call Vote

Meeting Date: 5/9/2024

Prepared by: Curt Coudron

PURPOSE/ACTION REQUESTED:

Authorize execution of a contract with Andrew Mulvihill not to exceed \$36,720 for implementing soil health practices.

SUMMARY:

Andrew (Andy) Mulvihill is proposing to implement soil health practices on 153 acres over a 3-year period. The field is located in Castle Rock Township, Cannon River Watershed. A winter cereal rye cover crop will be planted for 3 consecutive years along with a combination of no-till, planting green, nitrogen management, and irrigation water management. Practice details are as follows:

Contract 24-IPP-06, \$36,720

Practice	# of acres	# of years	\$ per acre	Total
Cover Crops	153	3	\$45	\$20,655
No-Till	153	3	\$20	\$9,180
Planting Green	153	2	\$10	\$3,060
Split Rate Nitrogen Application	153	2	\$5	\$1,530
Irrigation Water Management	153	3	\$5	\$2,295

Under District cost share policy, payment for the first year will be made upon certifying the completion of each practice and District Board approval. Payments for additional years will be made annually after the practices have been completed for that year and certified by District staff.

EXPLANATION OF FISCAL/FTE IMPACT:

Project funds are available through our FY23 Cannon River Watershed Based Implementation Grant with the Minnesota Board of Water and Soil Resources (BWSR) and the Dakota County Capital Improvement Program (CIP). Local funds will be used for practices that do not meet BWSR requirements for practice type or start date.

Supporting Documents:

24-IPP-06 Mulvihill, Andy SH Factsheet

Previous Board Action:

None



ANDY MULVIHILL

SOIL HEALTH PRACTICES



PRACTICES:

- Cover Crops
- Planting Green
- No-till
- Irrigation Management
- Nitrogen Management

BENEFITS:

- 308 tons of sediment per year prevented from traveling downstream
- 298 lbs. of phosphorous per year prevented from traveling downstream
- Retained nutrients and improved soil health.

PARTNERS:

- Dakota County
- Minnesota Board of Water and Soil Resources

WATERSHED:

- Cannon River

RECEIVING WATERS:

- Chub Creek

INSTALLATION:

- Fall 2022

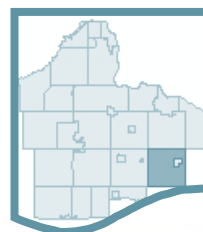
PROJECT: A cereal rye cover crop will be planted on 153 acres following harvest for 3 consecutive years. Planting green will be done during 2 years, irrigation management and no-till for 3 years, and split rate nitrogen application for 2 years.

FUNDING: Incentive Amount: **\$36,720**



Clean Water Fund:
Protecting and restoring
Minnesota's waters for
generations to come.

LOCATION:
Castle Rock
Township



DAKOTA COUNTY SOIL AND WATER CONSERVATION DISTRICT**Regular Agenda**

Request for Board Action

Roll Call Vote

Meeting Date: 5/9/2024

Prepared by: Curt Coudron

PURPOSE/ACTION REQUESTED:

Authorize execution of a contract with Peine Farms LLC not to exceed \$16,500 for implementing soil health practices.

SUMMARY:

Peine Farms LLC is proposing to implement soil health practices on a 110-acre field over a 3-year period. The field is located in Douglas Township, Cannon River Watershed. A winter cereal rye cover crop will be planted for 3 consecutive years along with split application of nitrogen. Practice details are as follows:

Contract 24-IPP-13, \$16,500

<u>Practice</u>	<u># of acres</u>	<u># of years</u>	<u>\$ per acre</u>	<u>Total</u>
Cover Crops	110	3	\$45	\$14,850
Split Rate Nitrogen Application	110	3	\$5	\$1,650

Under District cost share policy, payment for the first year will be made upon certifying the completion of each practice and District Board approval. Payments for additional years will be made annually after each practice has been completed for that year and certified by District staff.

EXPLANATION OF FISCAL/FTE IMPACT:

Project funds are available through our FY23 Cannon River Watershed Based Implementation Funding grant with the Minnesota Board of Water and Soil Resources (BWSR) and the Dakota County Capital Improvement Program (CIP). Local funds will be used for practices that do not meet BWSR requirements for practice type or start date.

Supporting Documents:

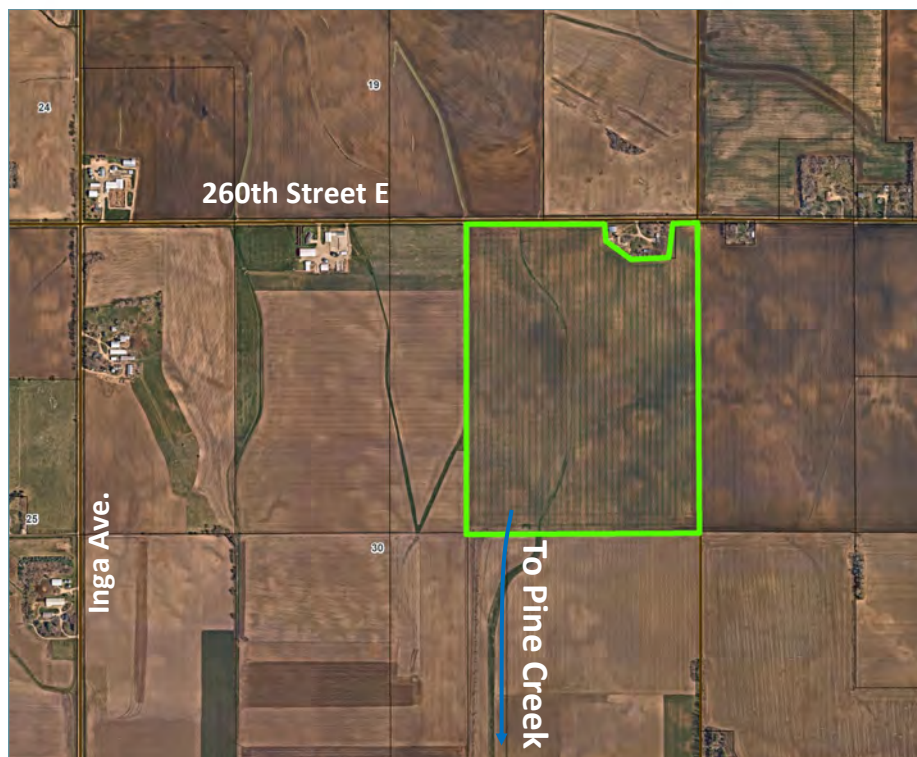
24-IPP-13 Peine Farms LLP SH Factsheet

Previous Board Action:

None



PEINE FARMS LLP SOIL HEALTH PRACTICES



PRACTICES:

- Cover Crops
- Nitrogen Management

BENEFITS:

- 65 tons of sediment per year prevented from traveling downstream
- 93 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:

- 2024, 2025, and 2026

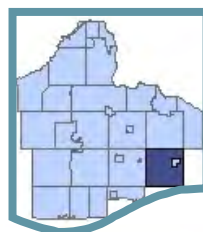
PROJECT: Winter cereal rye cover crops and split application of nitrogen will be implemented for 3-years on 110 acres of field corn harvested for earlage. These practices will build soil health and reduce nutrient leaching.

FUNDING: Incentive Amount: \$16,500



Clean Water Fund:
Protecting and restoring
Minnesota's waters for
generations to come.

LOCATION:
Douglas
Township



DAKOTA COUNTY SOIL AND WATER CONSERVATION DISTRICT

Regular Agenda

Request for Board Action

Roll Call Vote

Meeting Date: 5/9/2024

Prepared by: Curt Coudron

PURPOSE/ACTION REQUESTED:

Authorize execution of a contract with James Gergen not to exceed \$5,850 for implementing soil health practices.

SUMMARY:

James Gergen is proposing to implement soil health practices on a 130-acre field. The field is located in Vermillion Township, Vermillion River Watershed. A winter cereal rye cover crop will be planted followed by planting green into the cover crop in spring of 2025. Practice details are as follows:

Contract 24-IPP-15, \$5,850

<u>Practice</u>	<u># of acres</u>	<u># of years</u>	<u>\$ per acre</u>	<u>Total</u>
Cover Crops	130	1	\$35	\$4,550
Planting Green	130	1	\$10	\$1,300

Under District cost share policy, payment will be made upon certifying the completion of each practice and District Board approval.

EXPLANATION OF FISCAL/FTE IMPACT:

Project funds are available through the Dakota County Capital Improvement Program (CIP).

Supporting Documents:

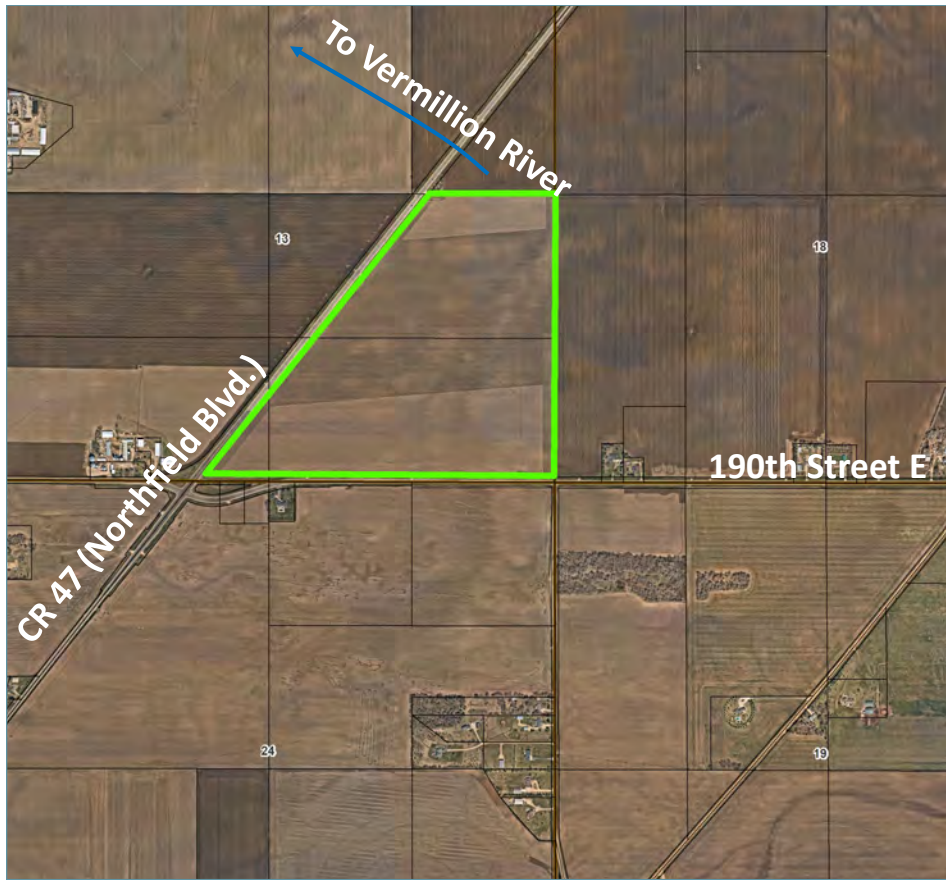
24-IPP-15 Gergen, James SH Factsheet

Previous Board Action:

None

JAMES GERGEN

SOIL HEALTH PRACTICES



PRACTICE:

- Cover Crops
- Planting Green

BENEFITS:

- 20 tons of sediment per year prevented from traveling downstream
- 37 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:

- Vermillion River

RECEIVING WATERS:

- Vermillion River

INSTALLATION:

- Fall 2024 and Spring 2025

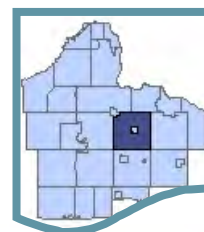
PROJECT: A winter cereal rye cover crop will be planted on 130 acres following snapbean harvest and seed corn will be planted into living cover crop in the spring. The cover crop will provide erosion control, reduce weed pressure, and prevent nutrient leaching.

FUNDING: Incentive Amount: **\$5,850**



LOCATION:

Vermillion
Township



DAKOTA COUNTY SOIL AND WATER CONSERVATION DISTRICT

Regular Agenda

Request for Board Action

Roll Call Vote

Meeting Date: 5/9/2024

Prepared by: Curt Coudron

PURPOSE/ACTION REQUESTED:

Authorize execution of a contract with Randy Weatherly not to exceed \$11,190 for implementing soil health practices.

SUMMARY:

Randy Weatherly is proposing to implement soil health practices on a 76-acre field over a 3-year period. The field is located in Vermillion Township, Vermillion River Watershed. An oat and radish cover crop will be planted for 3 consecutive years along with irrigation water management. Practice details are as follows:

Contract 24-IPP-16, \$11,190

<u>Practice</u>	<u># of acres</u>	<u># of years</u>	<u>\$ per acre</u>	<u>Total</u>
Cover Crops	76	3	\$45	\$10,260
Irrigation Water Management	62	3	\$5	\$930

Under District cost share policy, payment for the first year will be made upon certifying the completion of each practice and District Board approval. Payments for additional years will be made annually after each practice has been completed for that year and certified by District staff.

EXPLANATION OF FISCAL/FTE IMPACT:

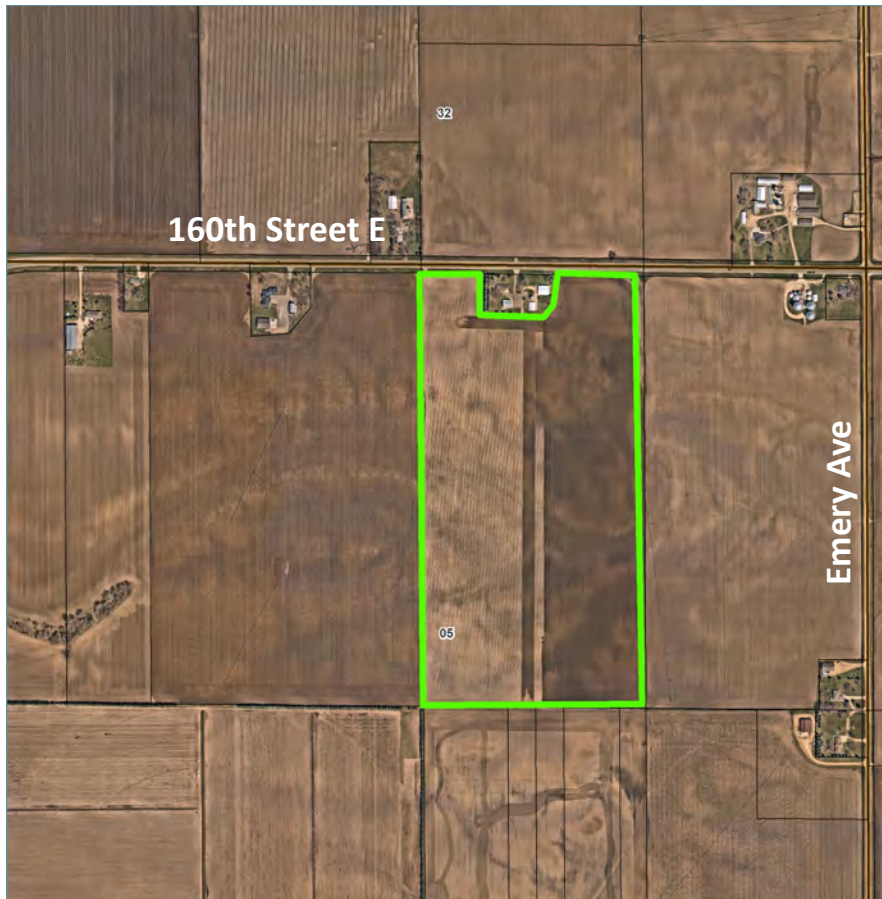
Project funds are available through our FY23 Vermillion River Watershed Based Implementation Funding grant with the Minnesota Board of Water and Soil Resources (BWSR) and the Dakota County Capital Improvement Program (CIP). Local funds will be used for practices that do not meet BWSR requirements for practice type or start date.

Supporting Documents:
24-IPP-16 Weatherly, Randy SH Factsheet

Previous Board Action:
None

RANDY WEATHERLY

SOIL HEALTH PRACTICES



PRACTICES:

- Cover Crops
- Irrigation Water Management

BENEFITS:

- 25 tons of sediment per year prevented from traveling downstream
- 35 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:

- Vermillion River

RECEIVING WATERS:

- Vermillion River

INSTALLATION:

- 2024, 2025, and 2026

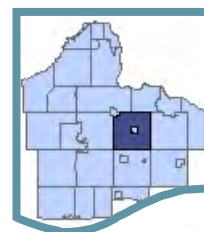
PROJECT: An oat and radish cover crop mix will be planted following sweetcorn harvest for 3-years on 76 acres. Irrigation water management will also be implemented on this field. These practices will build soil health and reduce nutrient leaching.

FUNDING: Incentive Amount: \$11,190



Clean Water Fund:
Protecting and restoring
Minnesota's waters for
generations to come.

LOCATION:
Vermillion
Township



DAKOTA COUNTY SOIL AND WATER CONSERVATION DISTRICT

Regular Agenda

Request for Board Action

Roll Call Vote

Meeting Date: 5/9/2024

Prepared by: Curt Coudron

PURPOSE/ACTION REQUESTED:

Authorize execution of two (2) contracts with Pat Maher not to exceed \$945, \$4,480 for establishment of cover crops and one (1) contract not to exceed \$3,120 for implementing soil health practices.

SUMMARY:

Pat Maher is proposing to implement cover crops on two fields totaling 155 acres. The fields are located in Marshan Township, Vermillion River Watershed. A winter cereal rye cover crop will be planted on each field. Project details are as follows:

Contract 24-IPP-23, \$945

<u>Practice</u>	<u># of acres</u>	<u># of years</u>	<u>\$ per acre</u>	<u>Total</u>
Cover Crops	27	1	\$35	\$945

Contract 24-IPP-24, \$4,480

<u>Practice</u>	<u># of acres</u>	<u># of years</u>	<u>\$ per acre</u>	<u>Total</u>
Cover Crops	128	1	\$35	\$4,480

Pat is also proposing to implement soil health practices on one field totaling 78 acres. This field is also located in Marshan Township, Vermillion River Watershed. A winter cereal rye cover crop will be planted and split application of nitrogen will be completed on this field. Practice details are as follows:

Contract 24-IPP-25, \$3,120

<u>Practice</u>	<u># of acres</u>	<u># of years</u>	<u>\$ per acre</u>	<u>Total</u>
Cover Crops	78	1	\$35	\$2,730
Split Rate Nitrogen Application	78	1	\$5	\$390

Under District cost share policy, payment will be made upon certifying the implementation of each practice and District Board approval.

EXPLANATION OF FISCAL/FTE IMPACT:

Project funds are available through our annual agreement with the Vermillion River Watershed Joint Powers Organization and the Dakota County Capital Improvement Program (CIP).

Supporting Documents:

- 24-IPP-23 Maher, Pat CC Factsheet
- 24-IPP-24 Maher, Pat CC Factsheet
- 24-IPP-25 Maher, Pat CC Factsheet

Previous Board Action:

None



PAT MAHER COVER CROP



PRACTICE:

- Cover Crop

BENEFITS:

- 1 ton of sediment per year prevented from traveling downstream
- 1 lb. 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:

- Vermillion River

RECEIVING WATERS:

- Vermillion River

INSTALLATION:

- Fall 2024

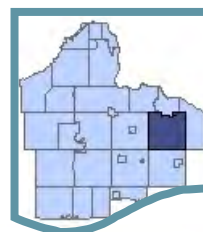
PROJECT: A winter cereal rye cover crop will be planted on 27 acres following soybean harvest. The cover crop will provide erosion control, reduce weed pressure, and prevent nutrient leaching.

FUNDING: Incentive Amount: \$945



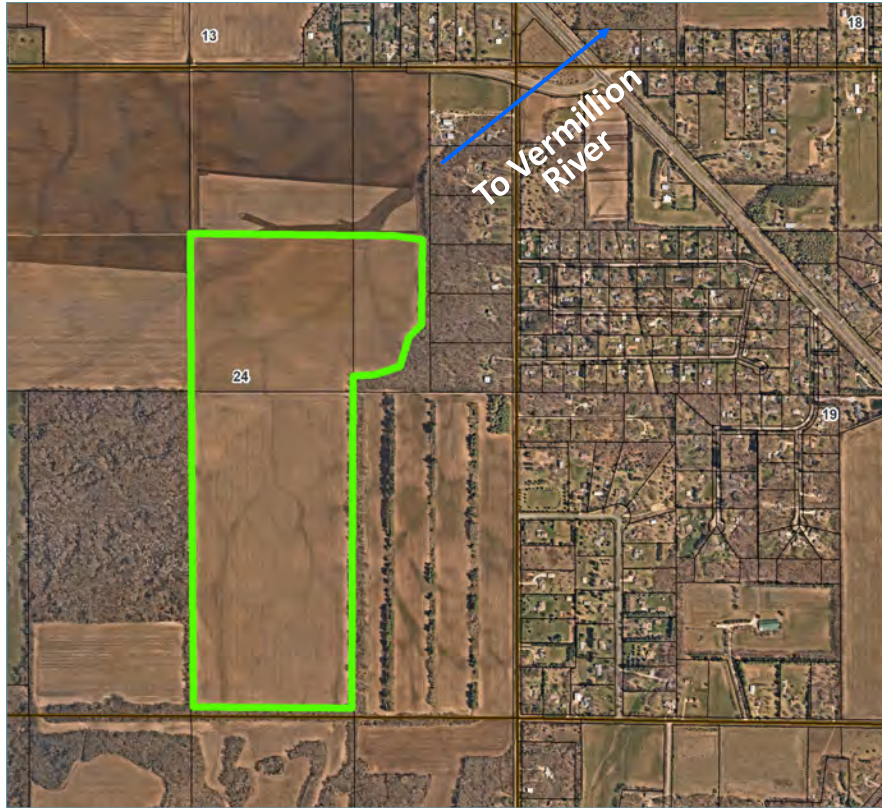
LOCATION:

Marshan
Township



PAT MAHER

COVER CROP

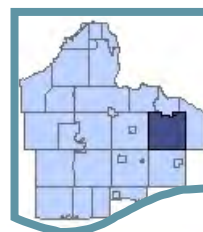


PROJECT: A winter cereal rye cover crop will be planted on 128 acres following snapbean harvest. The cover crop will provide erosion control, reduce weed pressure, and prevent nutrient leaching.

FUNDING: **Incentive Amount:** **\$4,480**
(128 acres x \$35/acre)

LOCATION:

Marshan
Township



PRACTICE:

- Cover Crop

BENEFITS:

- 18 ton of sediment per year prevented from traveling downstream
- 29 lb. 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:

- Vermillion River

RECEIVING WATERS:

- Vermillion River

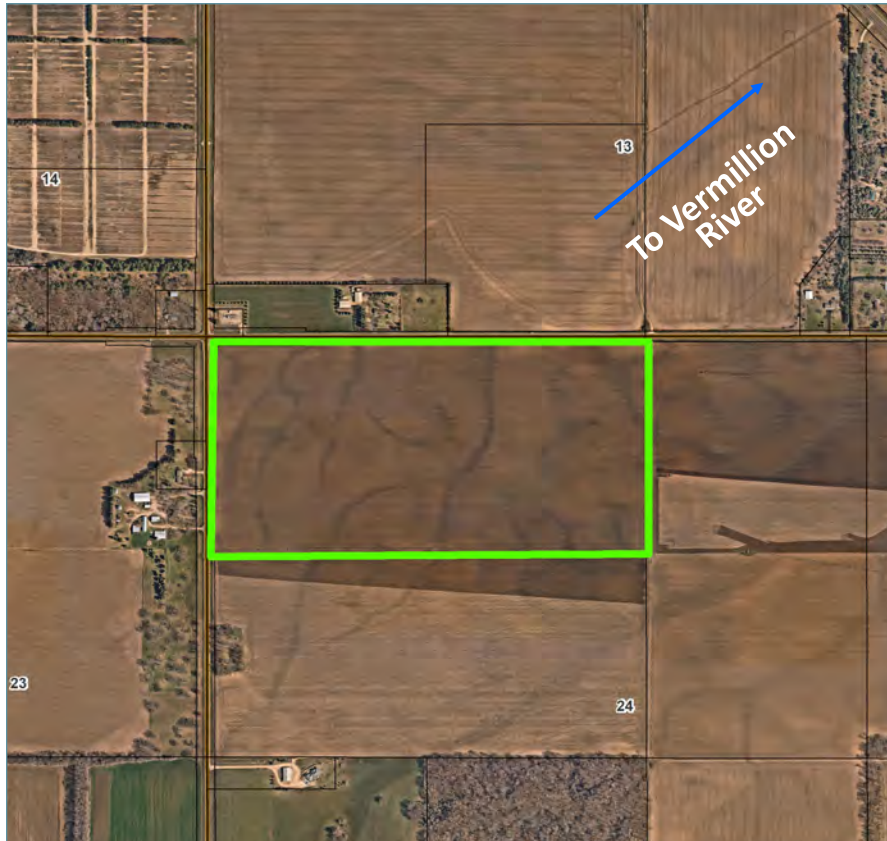
INSTALLATION:

- Fall 2024



PAT MAHER

SOIL HEALTH PRACTICES



PRACTICE:

- Cover Crop
- Nitrogen Management

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

PARTNERS:

- Dakota County
- Vermillion River Watershed Joint Powers Organization

WATERSHED:

- Vermillion River

RECEIVING WATERS:

- Vermillion River

INSTALLATION:

- Fall 2024

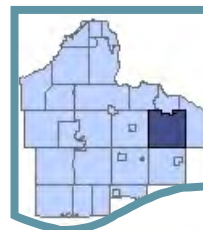
PROJECT: A winter cereal rye cover crop will be planted on 78 acres following sweetcorn harvest. Additionally, nitrogen best practices will be used. The cover crop will provide erosion control, reduce weed pressure, and prevent nutrient leaching.

FUNDING: Incentive Amount: \$3,120



LOCATION:

Marshan
Township



DAKOTA COUNTY SOIL AND WATER CONSERVATION DISTRICT

Regular Agenda

Request for Board Action

Roll Call Vote

Meeting Date: 5/9/2024

Prepared by: Curt Coudron

PURPOSE/ACTION REQUESTED:

Authorize execution of a contract with Bernard Frandrup not to exceed \$10,800 for implementing soil health practices.

SUMMARY:

Bernard (Bernie) Frandrup is proposing to implement soil health practices on a 73-acre field over a 3-year period. The field is located in Vermillion Township, Vermillion River Watershed. An oat and radish cover crop will be planted for 3 consecutive years along with irrigation water management. Practice details are as follows:

Contract 24-IPP-26, \$10,800

<u>Practice</u>	<u># of acres</u>	<u># of years</u>	<u>\$ per acre</u>	<u>Total</u>
Cover Crops	73	3	\$45	\$9,855
Irrigation Water Management	63	3	\$5	\$945

Under District cost share policy, payment for the first year will be made upon certifying the implementation of each practice and District Board approval. Payments for additional years will be made annually after each practice has been completed for that year and certified by District staff.

EXPLANATION OF FISCAL/FTE IMPACT:

Project funds are available through our FY23 Vermillion River Watershed Based Implementation Funding grant with the Minnesota Board of Water and Soil Resources (BWSR) and the Dakota County Capital Improvement Program (CIP). Local funds will be used for practices that do not meet BWSR requirements for practice type or start date.

Supporting Documents:

24-IPP-26 Frandrup, Bernie SH Factsheet

Previous Board Action:

None



BERNARD FRANDRUP SOIL HEALTH PRACTICES



PRACTICES:

- Cover Crops
- Irrigation Water Management

BENEFITS:

- 18 tons of sediment per year prevented from traveling downstream
- 26 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:

- Vermillion River

RECEIVING WATERS:

- Vermillion River

INSTALLATION:

- 2024, 2025, and 2026

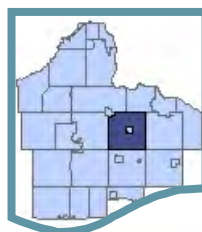
PROJECT: An oat and radish cover crop mix will be planted following sweetcorn harvest for 3-years on 73 acres. Irrigation water management will also be implemented on this field. These practices will build soil health and reduce nutrient leaching.

FUNDING: Incentive Amount: \$10,800
(\$3,600 x 3-years)



Clean Water Fund:
Protecting and restoring
Minnesota's waters for
generations to come.

LOCATION:
Vermillion
Township



DAKOTA COUNTY SOIL AND WATER CONSERVATION DISTRICT

Regular Agenda

Request for Board Action

Roll Call Vote

Meeting Date: 5/9/2024

Prepared by: Curt Coudron

PURPOSE/ACTION REQUESTED:

Authorize execution of two (2) contracts with Dave Legvold not to exceed \$14,950 and \$13,340 for implementing soil health practices.

SUMMARY:

Dave Legvold is proposing to implement soil health practices on two fields totaling 123 acres over a 3-year period. The fields are located in Waterford and Castle Rock Townships, Cannon River Watershed. A winter cereal rye cover crop will be planted for 3 consecutive years along with no-till, planting green, and split application of nitrogen. Practice details are as follows:

Contract 24-IPP-30, \$14,950

Practice	# of acres	# of years	\$ per acre	Total
Cover Crops	65	3	\$45	\$8,775
Strip-till	65	3	\$20	\$3,900
Planting Green	65	3	\$10	\$1,950
Split Rate Nitrogen Application	65	1	\$5	\$325

Contract 24-IPP-33, \$13,340

Practice	# of acres	# of years	\$ per acre	Total
Cover Crops	58	3	\$45	\$7,830
Strip-till	58	3	\$20	\$3,480
Planting Green	58	3	\$10	\$1,740
Split Rate Nitrogen Application	58	1	\$5	\$290

Under District cost share policy, payment for the first year will be made upon certifying the implementation of each practice and District Board approval. Payments for additional years will be made annually after each practice has been completed for that year and certified by District staff.

EXPLANATION OF FISCAL/FTE IMPACT:

Project funds are available through our FY23 Cannon River Watershed Based Implementation Funding grant with the Minnesota Board of Water and Soil Resources (BWSR) and the Dakota County Capital Improvement Program (CIP). Local funds will be used for practices that do not meet BWSR requirements for practice type or start date.

Supporting Documents:

24-IPP-30 Dave Legvold SH Factsheet
24-IPP-33 Dave Legvold SH Factsheet

Previous Board Action:

None



DAVE LEGVOLD

SOIL HEALTH PRACTICES



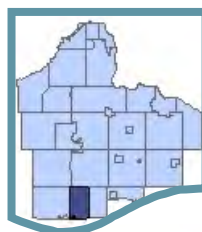
PROJECT: Winter cereal rye cover crops, planting green into cover crops, split application of nitrogen, and strip-till planting will be implemented over 3-years on 65 acres. These practices will build soil health and reduce nutrient leaching.

FUNDING: Incentive Amount: \$14,950



*Clean Water Fund:
Protecting and restoring
Minnesota's waters for
generations to come.*

LOCATION:
Waterford
Township



PRACTICES:

- Cover Crops
- Planting Green
- Nitrogen Management
- Strip-till

BENEFITS:

- 4 tons of sediment per year prevented from traveling downstream
- 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
- Minnesota Board of Water and Soil Resources

WATERSHED:

- Cannon River

RECEIVING WATERS:

- North Branch Chub Creek

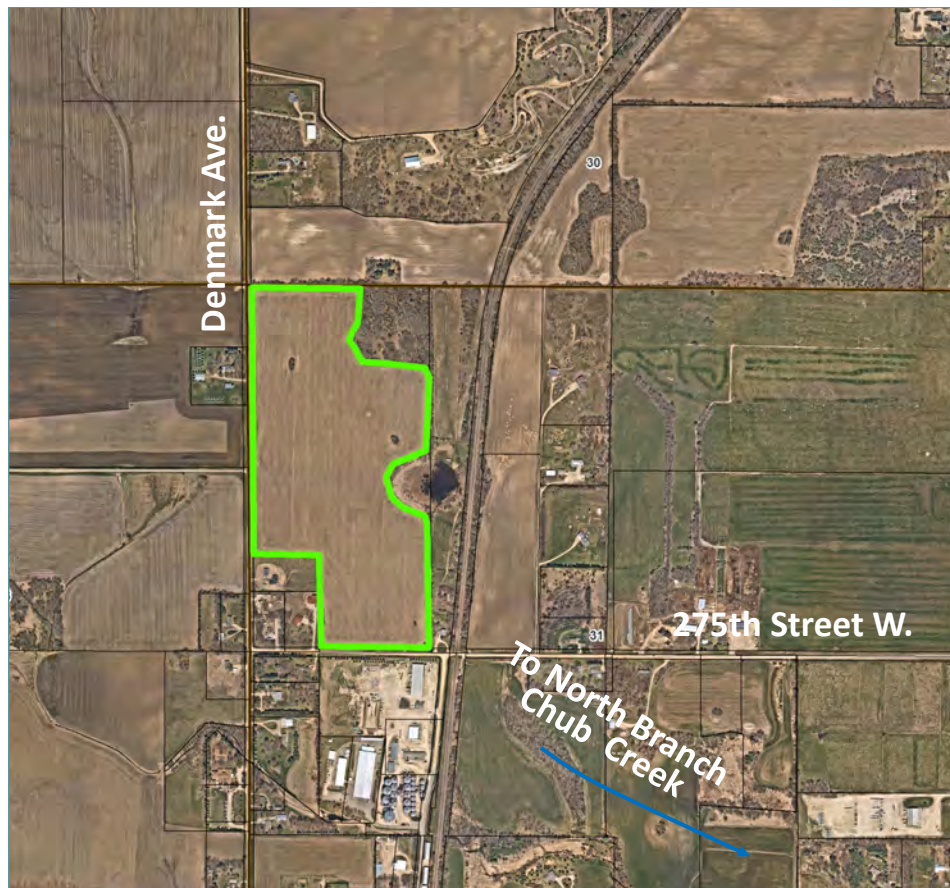
INSTALLATION:

- 2024, 2025, and 2026



DAVE LEGVOLD

SOIL HEALTH PRACTICES



PRACTICES:

- Cover Crops
- Planting Green
- Nitrogen Management
- Strip-till

BENEFITS:

- 9 tons of sediment per year prevented from traveling downstream
- 17 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:

- North Branch Chub Creek

INSTALLATION:

- 2024, 2025, and 2026

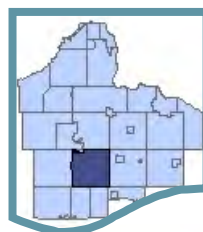
PROJECT: Winter cereal rye cover crops, planting green into cover crops, split application of nitrogen, and strip-till planting will be implemented over 3-years on 58 acres. These practices will build soil health and reduce nutrient leaching.

FUNDING: Incentive Amount: \$13,340



Clean Water Fund:
Protecting and restoring
Minnesota's waters for
generations to come.

LOCATION:
Castle Rock
Township



DAKOTA COUNTY SOIL AND WATER CONSERVATION DISTRICT

Regular Agenda

Request for Board Action

Roll Call Vote

Meeting Date: 5/9/2024

Prepared by: Curt Coudron

PURPOSE/ACTION REQUESTED:

Authorize execution of a contract with Andrew Endres not to exceed \$29,790 for implementing of soil health practices.

SUMMARY:

Andrew Endres is proposing to implement soil health practices on a 157-acre field over a 3-year period. The field is located in Vermillion Township, Vermillion River Watershed. Cover crops will be planted along with no-till, planting green, split application of nitrogen, nitrogen inhibitors, and irrigation management. Practice details are as follows:

Contract 24-IPP-41, \$29,790

Practice	# of acres	# of years	\$ per acre	Total
Cover Crops	157	2	\$45	\$14,130
No-till	157	3	\$20	\$9,420
Planting Green	157	2	\$10	\$3,140
Split Rate Nitrogen Application	157	1	\$5	\$785
Nitrogen Inhibitors	157	1	\$5	\$785
Irrigation Management	102	3	\$5	\$1,530

Under District cost share policy, payment for the first year will be made upon certifying the implementation of each practice and District Board approval. Payments for additional years will be made annually after each practice has been completed for that year and certified by District staff.

EXPLANATION OF FISCAL/FTE IMPACT:

Project funds are available through our FY23 Vermillion River Watershed Based Implementation Funding grant with the Minnesota Board of Water and Soil Resources (BWSR) and the Dakota County Capital Improvement Program (CIP). Local funds will be used for practices that do not meet BWSR requirements for practice type or start date.

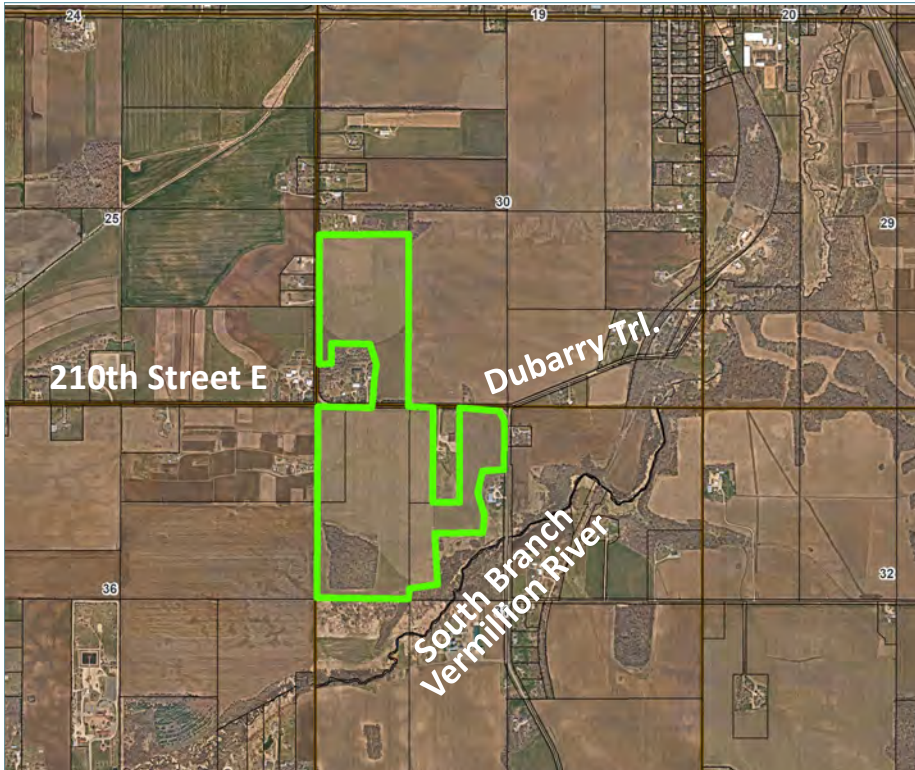
Supporting Documents:
24-IPP-41 Andrew Endres SH Factsheet

Previous Board Action:
None



ANDREW ENDRES

SOIL HEALTH PRACTICES



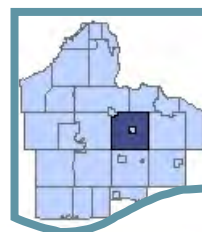
PROJECT: Soil health practices will be implemented on a 157-acre field over three years including cover crops, planting green, split nitrogen application, nitrogen inhibitors, no-till planting, and irrigation management. These practices will build soil health and reduce nutrient leaching.

FUNDING: Incentive Amount: \$29,790



*Clean Water Fund:
Protecting and restoring
Minnesota's waters for
generations to come.*

LOCATION:
Vermillion
Township



PRACTICES:

- Cover Crops
- Planting Green
- No-till
- Nitrogen Management
- Irrigation Management

BENEFITS:

- 39 tons of sediment per year prevented from traveling downstream
- 55 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:

- Vermillion River

RECEIVING WATERS:

- South Branch Vermillion River

INSTALLATION:

- 2024, 2025, and 2026

DAKOTA COUNTY SOIL AND WATER CONSERVATION DISTRICT**Regular Agenda**

Request for Board Action

Roll Call Vote

Meeting Date: 5/9/2024

Prepared by: Curt Coudron

PURPOSE/ACTION REQUESTED:

Authorize execution of a contract with Ches Canyon Road LLC not to exceed \$15,430 for implementing soil health practices.

SUMMARY:

Ches Canyon Road LLC (Thomas Endres) is proposing to implement soil health practices on a 76-acre field over a 3-year period. The field is located in Nininger Township, Vermillion River Watershed. Cover crops will be planted along with no-till, planting green, split application of nitrogen, nitrogen inhibitors, and irrigation management. Practice details are as follows:

Contract 24-IPP-42, \$15,430

Practice	# of acres	# of years	\$ per acre	Total
Cover Crops	76	2	\$45	\$6,840
No-till	76	3	\$20	\$4,560
Planting Green	76	2	\$10	\$1,520
Split Rate Nitrogen Application	76	2	\$5	\$760
Nitrogen Inhibitors	76	2	\$5	\$760
Irrigation Management	66	3	\$5	\$990

Under District cost share policy, payment for the first year will be made upon certifying the implementation of each practice and District Board approval. Payments for additional years will be made annually after each practice has been completed for that year and certified by District staff.

EXPLANATION OF FISCAL/FTE IMPACT:

Project funds are available through our FY23 Vermillion River Watershed Based Implementation Funding grant with the Minnesota Board of Water and Soil Resources (BWSR) and the Dakota County Capital Improvement Program (CIP). Local funds will be used for practices that do not meet BWSR requirements for practice type or start date.

Supporting Documents:

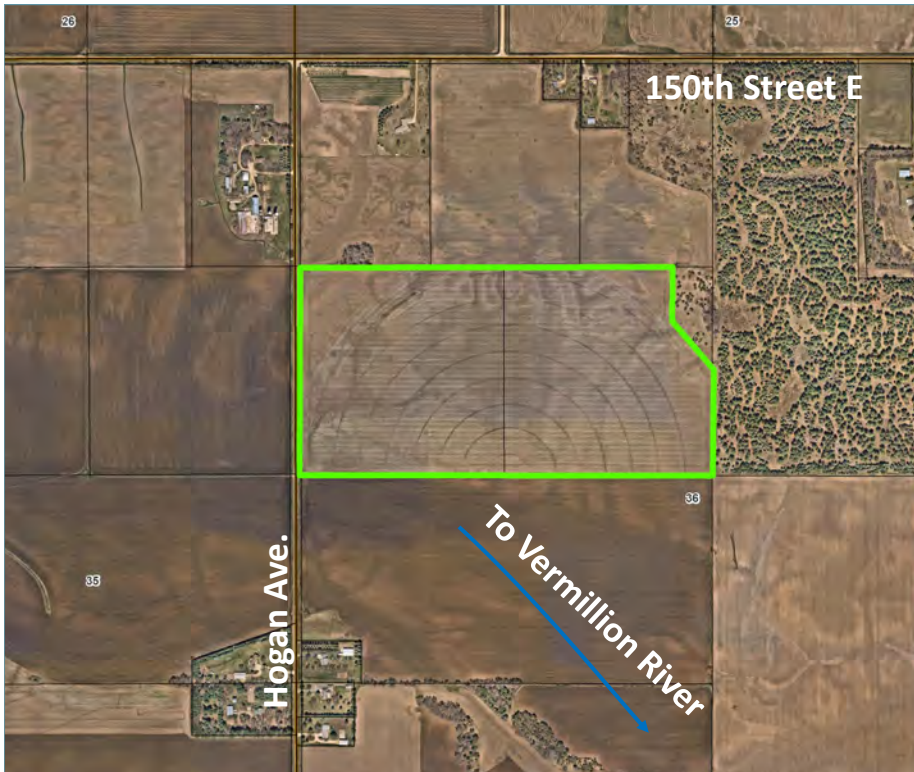
24-IPP-42 Ches Canyon Road LLC SH Factsheet

Previous Board Action:

None

CHES CANYON ROAD LLC

SOIL HEALTH PRACTICES



PRACTICES:

- Cover Crops
- Planting Green
- No-till
- Nitrogen Management
- Irrigation Management

BENEFITS:

- 22 tons of sediment per year prevented from traveling downstream
- 42 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:

- Vermillion River

RECEIVING WATERS:

- Vermillion River

INSTALLATION:

- 2024, 2025, and 2026

PROJECT: Soil health practices will be implemented on a 76-acre field over three years including cover crops, planting green, split nitrogen application, nitrogen inhibitors, no-till planting, and irrigation management. These practices will build soil health and reduce nutrient leaching.

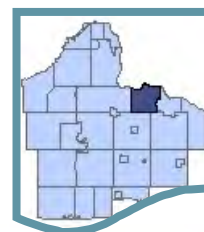
FUNDING: Incentive Amount: **\$15,430**



*Clean Water Fund:
Protecting and restoring
Minnesota's waters for
generations to come.*

LOCATION:

Nininger
Township



DAKOTA COUNTY SOIL AND WATER CONSERVATION DISTRICT

Regular Agenda

Request for Board Action

Roll Call Vote

Meeting Date: 5/9/2024
Prepared by: Curt Coudron

PURPOSE/ACTION REQUESTED:

Authorize execution of a contract with River Shore Properties LLC not to exceed \$10,695 for implementing soil health practices.

SUMMARY:

River Shore Properties LLC (Thomas Endres) is proposing to implement soil health practices on a 69-acre field over a 3-year period. The field is located in Nininger Township, Vermillion River Watershed. Cover crops will be planted along with no-till, planting green, split application of nitrogen, and nitrogen inhibitors. Practice details are as follows:

Contract 24-IPP-43, \$10,695

Practice	# of acres	# of years	\$ per acre	Total
Cover Crops	69	1	\$45	\$3,105
No-till	69	3	\$20	\$4,140
Planting Green	69	3	\$10	\$2,070
Split Rate Nitrogen Application	69	2	\$5	\$690
Nitrogen Inhibitors	69	2	\$5	\$690

Under District cost share policy, payment for the first year will be made upon certifying the implementation of each practice and District Board approval. Payments for additional years will be made annually after each practice has been completed for that year and certified by District staff.

EXPLANATION OF FISCAL/FTE IMPACT:

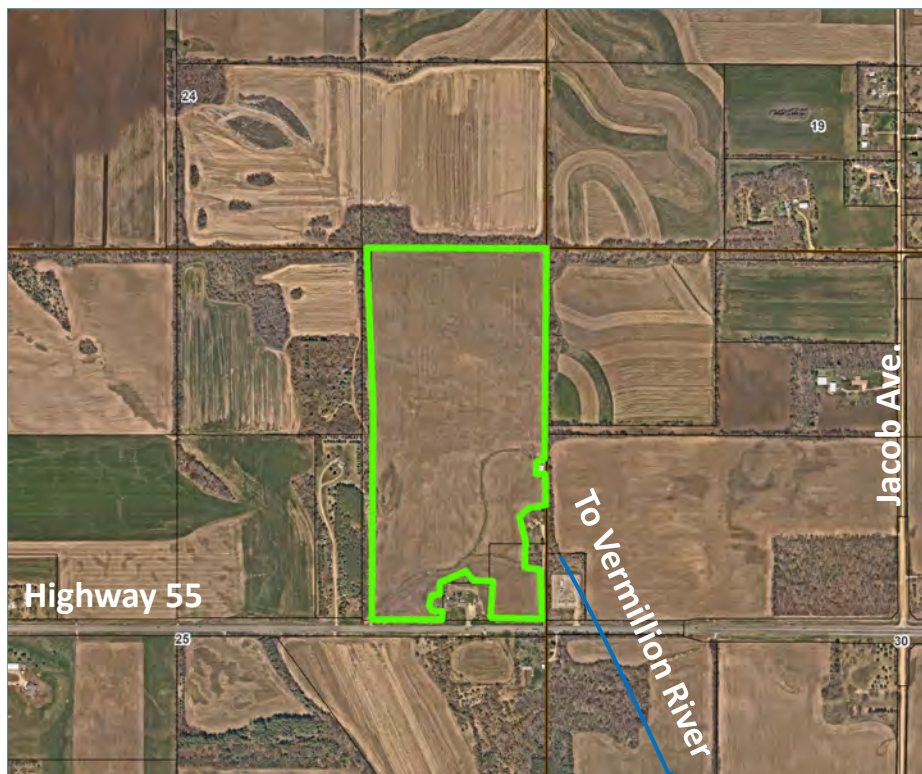
Project funds are available through the Dakota County Capital Improvement Program (CIP).

Supporting Documents:
24-IPP-43 River Shore Properties LLC SH Factsheet

Previous Board Action:
None



RIVER SHORE PROPERTIES LLC SOIL HEALTH PRACTICES



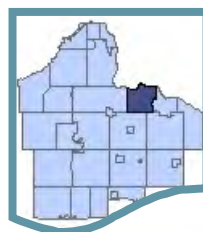
PROJECT: Soil health practices will be implemented on a 69-acre field over three years including cover crops, planting green, split nitrogen application, nitrogen inhibitors, and no-till planting. These practices will build soil health and reduce nutrient leaching.

FUNDING: Incentive Amount: \$10,695



LOCATION:

Nininger
Township



PRACTICES:

- Cover Crops
- Planting Green
- No-till
- Nitrogen Management

BENEFITS:

- 27 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:

- Dakota County

WATERSHED:

- Vermillion River

RECEIVING WATERS:

- Mississippi River

INSTALLATION:

- 2024, 2025, and 2026

DAKOTA COUNTY SOIL AND WATER CONSERVATION DISTRICT**Regular Agenda**

Request for Board Action

Roll Call Vote

Meeting Date: 5/9/2024

Prepared by: Curt Coudron

PURPOSE/ACTION REQUESTED:

Authorize execution of a contract with Endres Family Farms LLP not to exceed \$27,300 for implementing soil health practices.

SUMMARY:

Endres Family Farms LLP is proposing to implement soil health practices on a 140-acre field over a 3-year period. The field is located in Vermillion Township, Vermillion River Watershed. Cover crops will be planted along with no-till, planting green, split application of nitrogen, nitrogen inhibitors, and irrigation management. Practice details are as follows:

Contract 24-IPP-45, \$27,300

Practice	# of acres	# of years	\$ per acre	Total
Cover Crops	140	2	\$45	\$12,600
No-till	140	3	\$20	\$8,400
Planting Green	140	2	\$10	\$2,800
Split Rate Nitrogen Application	140	1	\$5	\$700
Nitrogen Inhibitors	140	1	\$5	\$700
Irrigation Management	140	3	\$5	\$2,100

Under District cost share policy, payment for the first year will be made upon certifying the implementation of each practice and District Board approval. Payments for additional years will be made annually after each practice has been completed for that year and certified by District staff.

EXPLANATION OF FISCAL/FTE IMPACT:

Project funds are available through our FY23 Vermillion River Watershed Based Implementation Funding grant with the Minnesota Board of Water and Soil Resources (BWSR) and the Dakota County Capital Improvement Program (CIP). Local funds will be used for practices that do not meet BWSR requirements for practice type or start date.

Supporting Documents:

24-IPP-45 Endres Family Farms LLP SH Factsheet

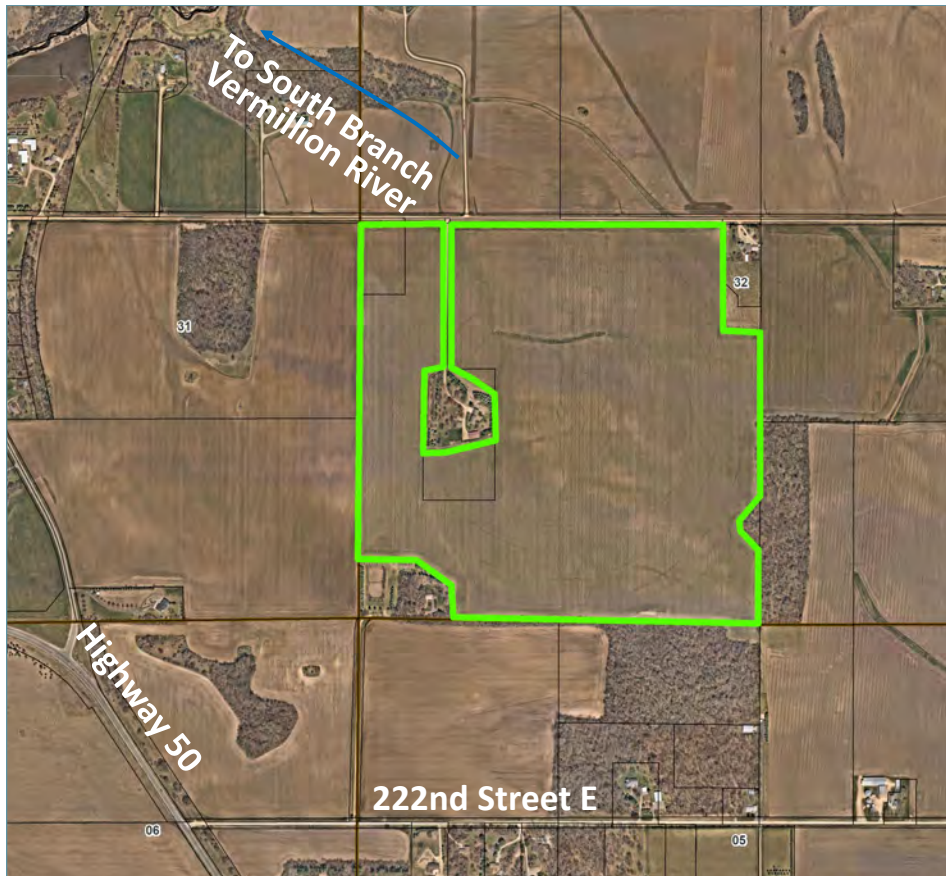
Previous Board Action:

None



ENDRES FAMILY FARMS LLP

SOIL HEALTH PRACTICES



PRACTICE:

- Cover Crops
- Planting Green
- No-till
- Nitrogen Management
- Irrigation Management

BENEFITS:

- 48 tons of sediment per year prevented from traveling downstream
- 82 lbs. of phosphorous per year prevented from traveling downstream
- Reduced leaching of nitrate into groundwater on highly vulnerable and sensitive soils
- Retained nutrients and

PARTNERS:

- Dakota County
- Minnesota Board of Water and Soil Resources

WATERSHED:

- Vermillion River

RECEIVING WATERS:

- South Branch Vermillion River

INSTALLATION:

- Fall 2024 and Spring 2025

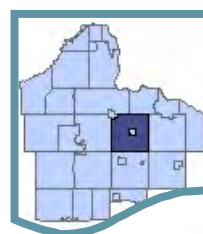
PROJECT: Soil health practices will be implemented on a 140 acre field over three years including cover crops, planting green, split nitrogen application, nitrogen inhibitors, no-till planting, and irrigation management. These practices will build soil health and reduce nutrient leaching.

FUNDING: Incentive Amount: **\$27,300**



Clean Water Fund:
Protecting and restoring
Minnesota's waters for
generations to come.

LOCATION:
Vermillion
Township



DAKOTA COUNTY SOIL AND WATER CONSERVATION DISTRICT

Regular Agenda

Request for Board Action

Roll Call Vote

Meeting Date: 5/9/2024

Prepared by: Curt Coudron

PURPOSE/ACTION REQUESTED:

Authorize execution of three (3) contracts with Endres Farm Partnership not to exceed \$21,600, \$22,035, and \$18,420 for implementing soil health practices.

SUMMARY:

Endres Farm Partnership is proposing to implement soil health practices on three fields totaling 352 acres over a 3-year period. Two fields are located in Hampton Township and one field is located in Vermillion Township, all in the Vermillion River Watershed. Cover crops will be planted along with no-till, planting green, split application of nitrogen, nitrogen inhibitors, and irrigation management. Practice details are as follows:

Contract 24-IPP-46, \$21,600

Practice	# of acres	# of years	\$ per acre	Total
Cover Crops	144	1	\$45	\$6,480
No-till	144	3	\$20	\$8,640
Planting Green	144	1	\$10	\$1,440
Split Rate Nitrogen Application	144	2	\$5	\$1,440
Nitrogen Inhibitors	144	2	\$5	\$1,440
Irrigation Management	144	3	\$5	\$2,160

Contract 24-IPP-50, \$22,035

Practice	# of acres	# of years	\$ per acre	Total
Cover Crops	113	2	\$45	\$10,170
No-till	113	3	\$20	\$6,780
Planting Green	113	2	\$10	\$2,260
Split Rate Nitrogen Application	113	1	\$5	\$565
Nitrogen Inhibitors	113	1	\$5	\$565
Irrigation Management	113	3	\$5	\$1,695

Contract 24-IPP-51, \$18,420

Practice	# of acres	# of years	\$ per acre	Total
Cover Crops	95	2	\$45	\$8,550
No-till	95	3	\$20	\$5,700
Planting Green	95	2	\$10	\$1,900
Split Rate Nitrogen Application	95	1	\$5	\$475
Nitrogen Inhibitors	95	1	\$5	\$475
Irrigation Management	88	3	\$5	\$1,320

Under District cost share policy, payment for the first year will be made upon certifying implementation of each practice and District Board approval. Payments for additional years will be made annually after each practice has been completed for that year and certified by District staff.

EXPLANATION OF FISCAL/FTE IMPACT:

Project funds are available through our FY22 Drinking Water Protection Project and FY23 Vermillion River Watershed Based Implementation Funding grants with the Minnesota Board of Water and Soil Resources (BWSR) and the Dakota County Capital Improvement Program (CIP). Local funds will be used for practices that do not meet BWSR requirements for practice type or start date.

Supporting Documents:

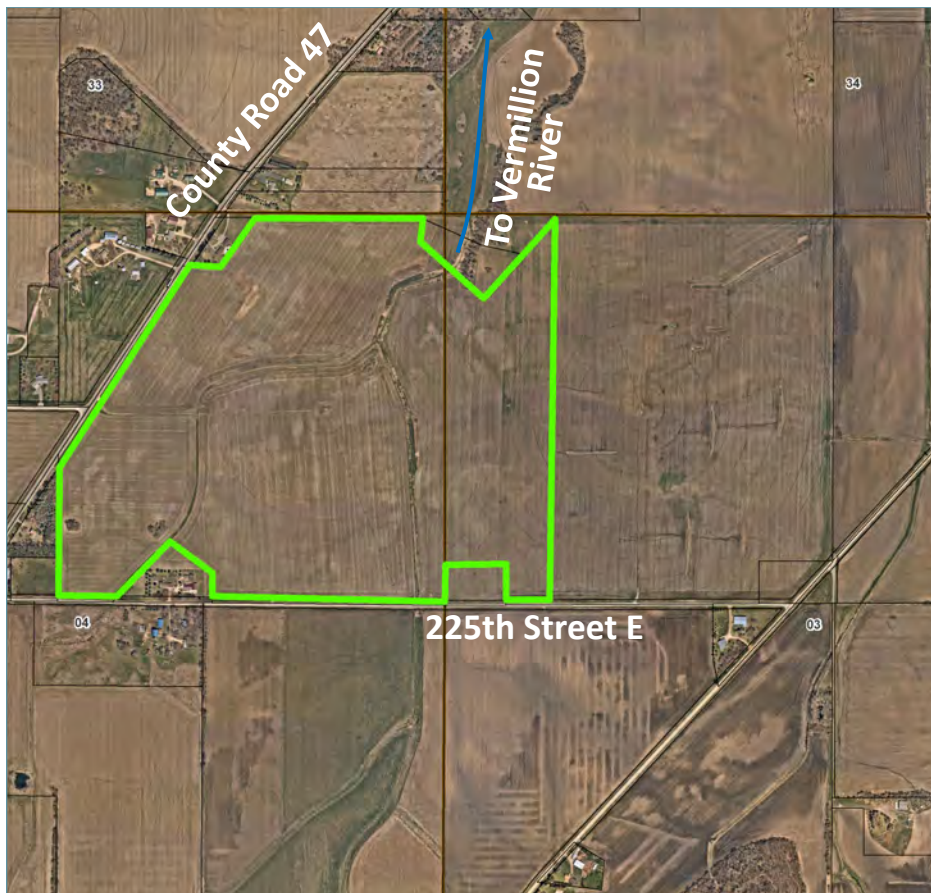
24-IPP-46 Endres Farm Partnership SH Factsheet
24-IPP-50 Endres Farm Partnership SH Factsheet
24-IPP-51 Endres Farm Partnership SH Factsheet

Previous Board Action:

None



ENDRES FARM PARTNERSHIP SOIL HEALTH PRACTICES



PRACTICES:

- Cover Crops
- Planting Green
- No-till
- Nitrogen Management
- Irrigation Management

BENEFITS:

- 109 tons of sediment per year prevented from traveling downstream
- 161 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:

- Vermillion River

RECEIVING WATERS:

- Vermillion River

INSTALLATION:

- 2024, 2025, and 2026

PROJECT: Soil health practices will be implemented on a 144-acre field, including cover crops, planting green, split nitrogen application, nitrogen inhibitors, no-till planting, and irrigation management. These practices will build soil health and reduce nutrient leaching.

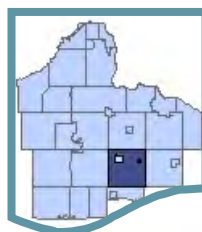
FUNDING: Incentive Amount: \$21,600



*Clean Water Fund:
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Minnesota's waters for
generations to come.*

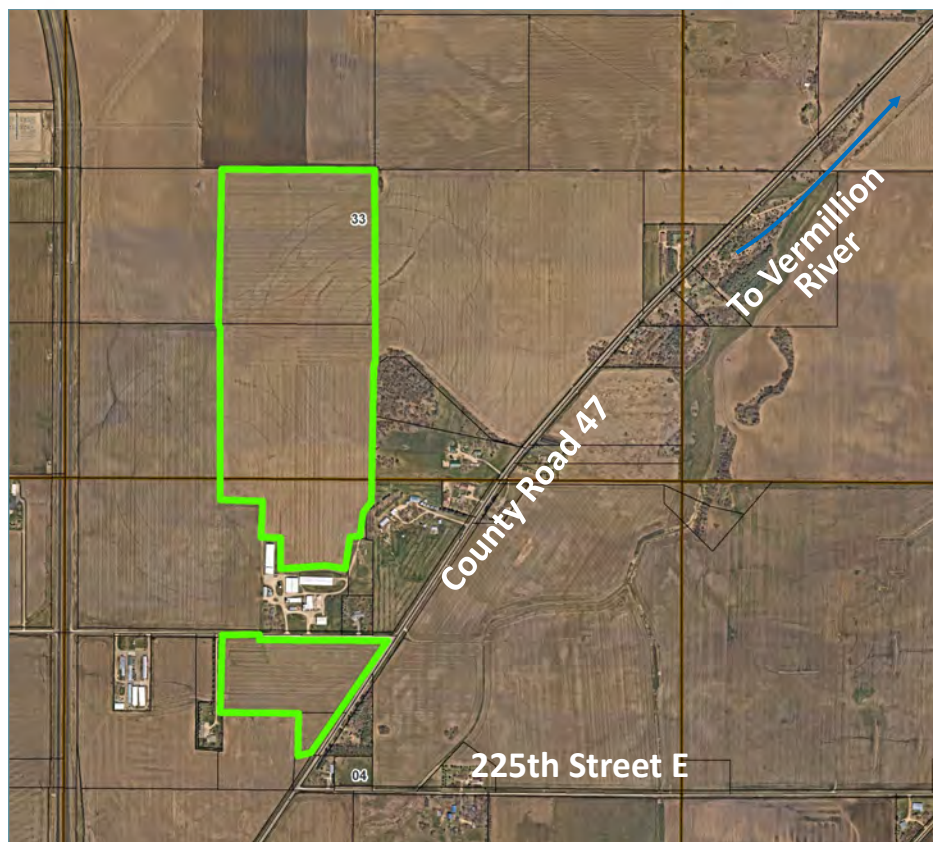
LOCATION:

Hampton
Township





ENDRES FARM PARTNERSHIP SOIL HEALTH PRACTICES



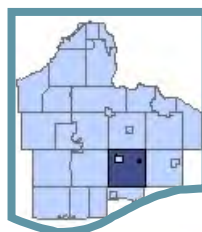
PROJECT: Soil health practices will be implemented on a 113-acre field, including cover crops, planting green, split nitrogen application, nitrogen inhibitors, no-till planting, and irrigation management. These practices will build soil health and reduce nutrient leaching.

FUNDING: Incentive Amount: \$22,035



*Clean Water Fund:
Protecting and restoring
Minnesota's waters for
generations to come.*

LOCATION:
Hampton
Township



PRACTICES:

- Cover Crops
- Planting Green
- No-till
- Nitrogen Management
- Irrigation Management

BENEFITS:

- 31 tons of sediment per year prevented from traveling downstream
- 56 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:

- Vermillion River

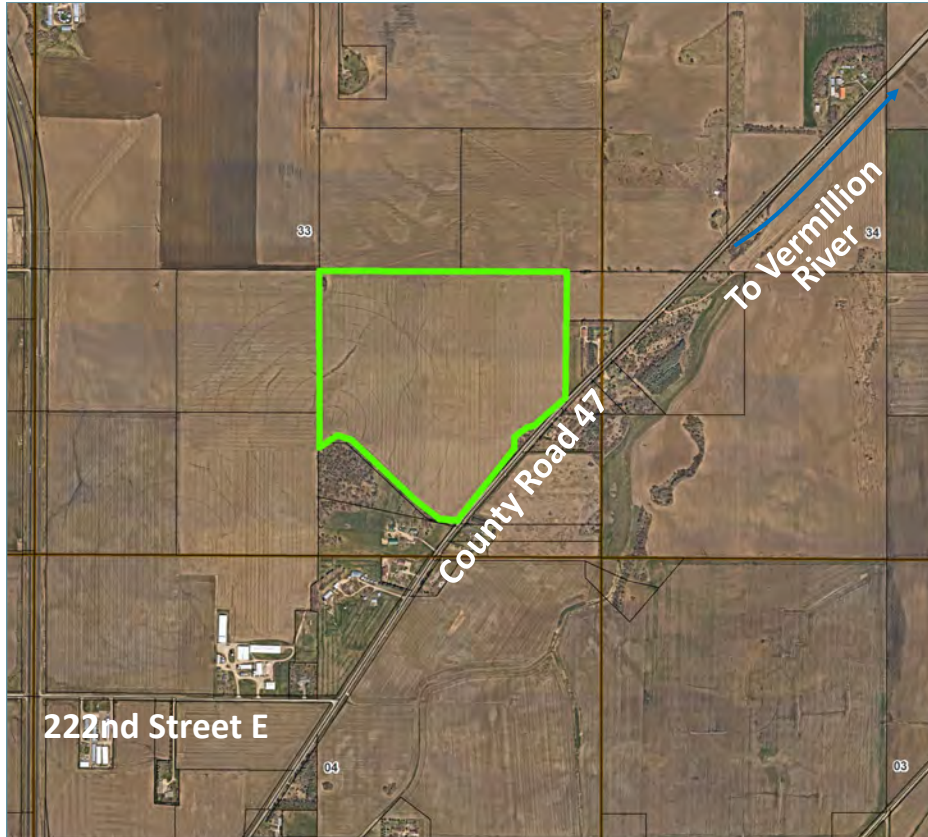
RECEIVING WATERS:

- Vermillion River

INSTALLATION:

- 2024, 2025, and 2026

ENDRES FARM PARTNERSHIP SOIL HEALTH PRACTICES

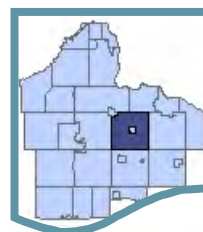


PROJECT: Soil health practices will be implemented on a 95-acre field, including cover crops, planting green, split nitrogen application, nitrogen inhibitors, no-till planting, and irrigation management. These practices will build soil health and reduce nutrient leaching.

FUNDING: Incentive Amount: \$18,420



LOCATION:
Vermillion
Township



PRACTICES:

- Cover Crops
- Planting Green
- No-till
- Nitrogen Management
- Irrigation Management

BENEFITS:

- 27 tons of sediment per year prevented from traveling downstream
- 48 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:

- Vermillion River

RECEIVING WATERS:

- Vermillion River

INSTALLATION:

- 2024, 2025, and 2026

DAKOTA COUNTY SOIL AND WATER CONSERVATION DISTRICT

Regular Agenda

Request for Board Action

Roll Call Vote

Meeting Date: 5/9/2024

Prepared by: Curt Coudron

PURPOSE/ACTION REQUESTED:

Authorize execution of a contract with Prairie Farms Partnership not to exceed \$7,200 for implementing soil health practices.

SUMMARY:

Prairie Farms Partnership (Paul Beskau) is proposing to implement soil health practices on a 160-acre field. The field is located in Marshan Township, Vermillion River Watershed. A winter cereal rye cover crop will be planted followed by planting green into the cover crop in spring of 2025. Practice details are as follows:

Contract 24-IPP-55, \$7,200

<u>Practice</u>	<u># of acres</u>	<u># of years</u>	<u>\$ per acre</u>	<u>Total</u>
Cover Crops	160	1	\$35	\$5,600
Planting Green	160	1	\$10	\$1,600

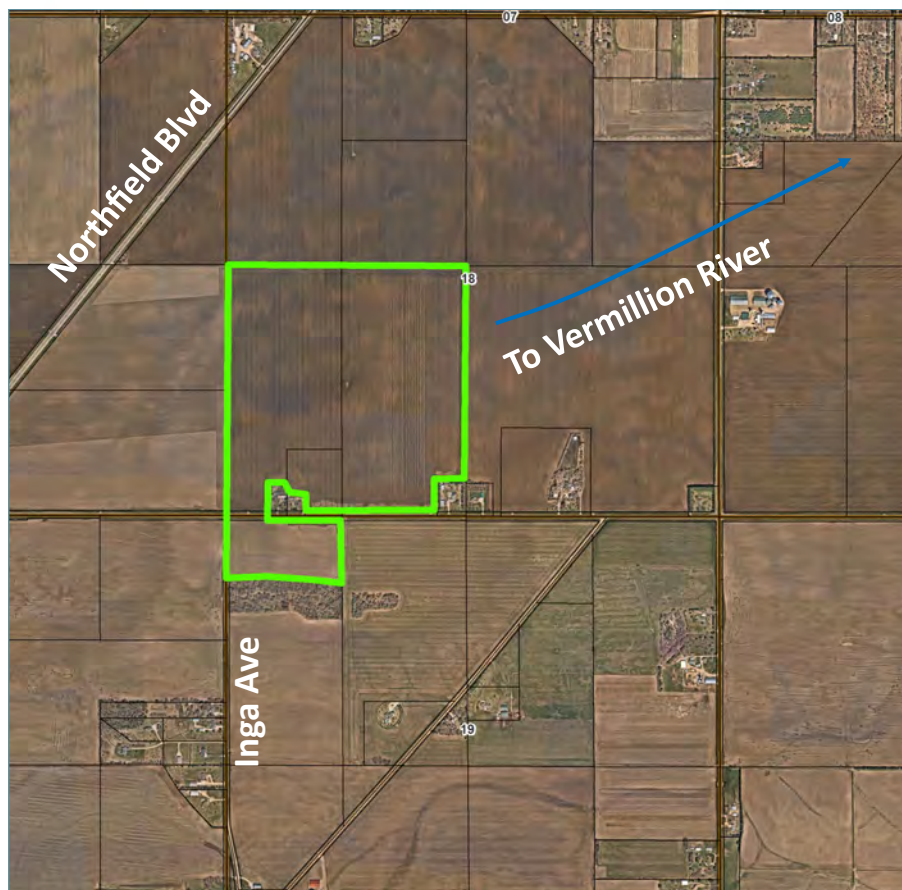
Under District cost share policy, payment will be made upon certifying the implementation of each practice and District Board approval.

EXPLANATION OF FISCAL/FTE IMPACT:

Project funds are available through our annual agreement with the Vermillion River Watershed Joint Powers Organization and the Dakota County Capital Improvement Program (CIP).



PRAIRIE FARMS PARTNERSHIP SOIL HEALTH PRACTICES



PRACTICES:

- Cover Crops
- Planting Green

BENEFITS:

- 8 tons of sediment per year prevented from traveling downstream
- 19 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:

- 2024 and 2025

PROJECT: A winter cereal rye cover crop will be planted following snapbean harvest for 1-year on 160 acres. The following spring, corn will be planted into living cover. These practices will build soil health and reduce nutrient leaching.

FUNDING: Incentive Amount: \$7,200



LOCATION:

Marshan
Township

