



Todd County Soil and Water Conservation District Board of Supervisors Agenda

The Todd SWCD Board of Supervisors will be holding a meeting of SWCD Board of Supervisors Thursday, August 8, 2024 beginning at 8:30 am in person at The Historic Courthouse at 215 1st Ave S, Long Prairie, MN

Agenda Item

Presenter

1. Routine Business

- | | |
|--|-------------|
| 1.1. Call to Order | Chairperson |
| 1.2. Pledge of Allegiance | Chairperson |
| 1.3. Call for Introductions- <i>New staff member welcome!</i> | Chairperson |
| 1.4. Act on Approving the Agenda- <i>Staff make a one-time request to modifying agenda to approve Line 5 Decisions for Operations before Line 3 and 4 Decisions as the decisions in Line 5 do impacts decisions in the other lines</i> | Chairperson |
| 1.5. Act on Approving Minutes from July 11, 2024 Board Meeting | Secretary |
| 1.6. Act on Approving Program Summary Report—July 2024 | Treasurer |
| 1.7. Call for Conflict of Interest | Chairperson |

2. Reports

- | | | |
|--|----------------|--------|
| 2.1. Commissioners' Report | Neumann/Becker | 5 min |
| 2.2. Director Update | Ossefoort | 5 min |
| 2.3. SWCD Manager Report and staff updates | Anton | 5 min |
| 2.4. Staff Visual Report- <i>Tim</i> | Ebnet | 5 min |
| 2.5. NRCS Report | Thoma | 5 min |
| 2.6. 1W1P – Sauk | Williamson | 2 min |
| 2.7. 1W1P – Red Eye | Wendel | 2 min |
| 2.8. 1W1P – Long Prairie | Katterhagen | 2 min |
| 2.9. 1W1P – Crow Wing | Wendel | 2 min |
| 2.10. 1W1P – Mississippi-Brainerd | Buchholz | 2 min |
| 2.11. BWSR Report | Mayers | 10 min |
| 2.12. Celebration: Thank you Supervisor Katterhagen for hosting Breakfast on the Farm! | | |

3. Decisions needed for encumbering cost share funds

- | | | |
|--|---------|-------|
| 3.1 FY24 Riparian Aid cost-share request for Kevin Grondahl, C#2024.0808-3.1, in the amount of \$8,527.50 for Critical Area Planting and Shoreline Protection in the Long Prairie Watershed. Full cost of project is \$11,370. | Votruba | 2 min |
| 3.2 FY24 Mississippi-Brainerd WBIF cost-share request from Randolph and Ann Brown, C# 2024.08.08-3.2, in the amount of \$675 for a Forest Stewardship Plan. Full cost of plan is estimated at \$900. <i>M-B Watershed.</i> | Ebnet | 1 min |
| 3.3 FY23 LP LCCMR cost-share request from Todd Gonsior, C# 2024.07.11-3.3 in the amount of \$577.50 for a Forest Stewardship Plan. Full cost of plan is estimated at \$770. <i>LP Watershed.</i> | Anton | 1 min |
| 3.4 FY23 LP LCCMR cost-share request from Joan Gonsior, C# 2024.07.11-3.4 in the amount of \$682.50 for a Forest Stewardship Plan. Full cost: \$910. <i>LP Watershed.</i> | Anton | 1 min |

3.5 Tentative: FY23 Long Prairie WBIF cost-share request from Darrick Becker, C# 2024.08.08-3.5 in the amount of \$22,308 for material volume increase for a feedlot fix in the Long Prairie Watershed. Total project increase is \$29,744. Total feedlot project estimated ~ \$779,000. Cost-share amounts to approximately 3% of the total project cost. Ebnet 3 min

3.6 Cronquist amendment request to C# 2024.04.11-2.5 in the additional amount of \$5,366.25 due to increase in volume of material removed from pit. Cost-share amount will raise from \$22,200 to \$27,566.25. Additional amendment item includes the inclusion of the fencing practice and code. Pratt- 3 min.

4. Decision needed for payment requests for cost share funds

4.1. Approve payment request of FY23 Long Prairie WBIF cost share funds from Ryan and Angie Perish, C#20240411-3.10-LPWBIF-23-09, in the amount of \$237.50 for a well sealing project located in the Long Prairie Watershed. Project cost less than encumbered S.Katter 3 min

4.2. Approve partial payment request from Barb James, C# 2023.09.14-3.14 in the amount of \$12,500 from FY23 Long Prairie WBIF for the certified components of a Heavy Use Roof and Heavy Use Dry Stacking Slab. Other components remain to be completed. Total cost estimate for Final Project equates to \$1,034,173. More information to be provided at meeting once NRCS certifications are complete. Anton 3 min

4.3 Approve final payout request from Zastrow Farms, C# 2024.04.11-2.3, in the amount of \$23, 375 from FY23 Long Prairie WBIF (Supplemental) for a pit closure. Total project cost= \$31,166.90 in the LP Watershed. Pratt 2 min

4.4 Approve final payout for Connie and Duane Cronquist, C# 2024.04.11-2.5, in the amount of \$27,566.25 after amendment for a pit closure from the following sources:

FY22 Riparian	\$86.01
FY23 Local Capacity	\$3,685.93
FY22 Local Capacity	\$5,591.40
FY23 Riparian	\$9,856.26
FY20 Partridge River	\$7,540.49
FY24 Riparian Aid	\$806.16

Total Project cost is 36,755. This is the final project closing out the FY20 MPCA 319 Partridge River Grant in the Crow Wing Watershed. Pratt 3 min

5. Decisions needed for operations

5.1. Resolution for guidelines on use of SWCD Aid Payments 5 min

5.2. Agreement of Services with East Otter Tail SWCD for Redeye C25-0118 WBIF Grant 2 min

5.3. Policy Change for Resolution # 20140910-1 to base In-kind labor rates on the University of Nebraska- Lincoln Farm Costum Rate Survey that is more comprehensive than the IOWA Custom Rate Survey, and includes livestock related labor practices correlating with SWCD activities that the IOWA custom rates no longer have. A comparison of the two surveys will be provided for the Board to review at the meeting. 5 min



5.4 Minor reference modification to impacted Resolution # 20220908-01 ® 2024.06.13-5.3.

The change would appear at the bottom of the resolution page next to the single * and read as follows “*Landowner occupier In-kind Labor to be based off the most recent publication of the Nebraska Farm Custom Rate Survey and resolution # 20140910-1.*”

1 min

6. Discussion items

6.1. Todd County township map showing townships with high nitrates

Anton 1 min

6.2. Update on Wadena grant for testing nitrates

Anton 2 min

7. Informational

7.1. Update on the Long Prairie Steering Committee approval of the Zigan’s project request. Anton 1 min

7.2. Supervisor Wendel -news article due August 28, 2024- Topic idea: *Crow Wing Watershed Updates?*

7.3. Enviro Fest – September 19, 2024

7.4. MASWCD Annual Convention at DoubleTree Bloomington – December 2-4, 2024

7.5. MACDE Quarter 3 Update in your folders

7.6. Project Status Report

7.7. Return of unspent funds from Zastrow Farms to FY23 Long Prairie WBIF funding pool in the amount of \$277.94

The next scheduled meeting for the Todd SWCD Board of Supervisors will be Thursday, September 12, 2024 at 8:30 a.m. at the Historic Courthouse at 215 1st Ave S, Long Prairie, MN.



WHERE THE FOREST MEETS THE PRAIRIE

Todd County

● MINNESOTA ● EST. 1855 ●

SOIL AND WATER CONSERVATION DISTRICT

215 1st Avenue South, Suite 104

Long Prairie, MN 56347

Phone: 320-732-2644 Fax: 320-732-4803

Minutes from the July 11, 2024 Regular Board Meeting

Chairperson Buchholz called the Thursday, July 11, 2024 meeting to order at 8:30 a.m.

The meeting was held in person at the Historic Courthouse at 215 1st Ave S, Long Prairie, MN 56347.

The Pledge of Allegiance was recited.

Call for Introductions.

Board members present in person were: Leland Buchholz, Wayne Wendel, Dale Katterhagen, Barb James and Tom Williamson. James joined the meeting at 8:38 a.m.

Others present in person were: Deja Anton, District Manager, Sarah Katterhagen, Program Coordinator, Tim Ebnet, Conservation Technician, Dylan Pratt, Conservation Technician, Josh Votruba, Conservation Technician, Kasen Christiansen, Conservation Technician, Luke Thoma, NRCS, Barb Becker, Todd County Commissioner, and Randy Neumann, Todd County Commissioner.

Buchholz asked if there were any additions or corrections to the agenda. Wendel made a motion, seconded by Williamson to accept the revised agenda for the regular July 11, 2024 meeting.

- 3.3 Remove encumbering request from Todd Gonsier
- 3.4 Remove encumbering request from Joan Gonsier
- 3.7 Add encumbering request from Kim Davidson
- 3.8 Add encumbering request from Derek and Amanda Zigan
- 3.9 Add encumbering request from Adam and Erin Sunderman
- 5.5 Remove approval of FY25 Ob Well Grant agreement
- 7.8 Add Ob Well Grant agreement was approved

Affirmative: Buchholz, Wendel, Katterhagen and Williamson. Motion Carried.

Williamson made a motion, seconded by Wendel to approve minutes as disbursed from the June 13, 2024 board meeting. Affirmative: Buchholz, Wendel, Katterhagen and Williamson. Motion Carried.

Public member Larry Bebus joined the meeting at 8:35 a.m.

Buchholz asked the board to review June's 2024 Treasurer's Report. Williamson made a motion, seconded by Katterhagen to accept June's 2024 Treasurer's Report with receipts totaling \$261,534.70 and disbursements totaling \$31,561.98. Affirmative: Buchholz, Wendel, Katterhagen and Williamson. Motion Carried.

Buchholz called for conflict of interest. No conflict of interest reported.



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Reports:

Commissioner's Report: Commissioner Becker reported she is unable to attend the Long Prairie Policy meeting on the 18th, and she will see if her alternate Commissioner Byers can attending. County has starting reviewing round #1 proposed budgets for 2025.

Director Update: No Update.

James joined the meeting at 8:38 a.m.

SWCD Manger's Report: See report in board packet.

Katterhagen asked if we would be able to pin point areas of high nitrates from the results of the Nitrate testing clinic. Anton reported samples are from all over and two that came back high, the landowners already knew they had high nitrates. Buchholz commented he is still receiving testing kits from Wadena SWCD and asked if we could obtain an update on those results through their nitrate testing program.

Staff Reports:

Anton reported Pratt has been completing inspections, attended the regional feedlot meeting, participated in the local work group tour and helped with the booth at the Fair.

Anton reported Votruba has been working with landowners near Lake Osakis, coordinating with partners on the City of Hewitt projects, presented to BWSR on the shoreline guidebook, and sent out RIM inspection letters.

Anton reported Christiansen has been working on cost share projects and two new potential wetland violations.

Anton reported Ebnet has been working on Ag Water quality applications, feedlot interim permits and is the primary technician for the irrigation-scheduling program, at this time.

S. Katterhagen presented her visual report to the board.

NRCS Report: Thoma reported NRCS open position for a Soil Conservationist, September 6, 2024 is the deadline to sign up for EQIP, and Thoma submitted the Local Work Group Meeting comments.

1W1P SRWD Report: No meeting.

1W1P Red Eye Report: No meeting.

1W1P Long Prairie Report: July 18, 2024 there will be a policy meeting.

1W1P Crow Wing Report: July 24, 2024 there will be a policy meeting.

1W1P Mississippi Brainerd Report: Implementation funding is now available.



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BWSR Report: No report.

Celebration: Buchholz commented he was approach by a gentleman at the Todd County Fair, and the gentleman commented how nice it has been working with Kasen Christiansen and other staff at the SWCD.

Decisions Needed for Projects:

Katterhagen made a motion, seconded by James to approve FY23 Long Prairie LCCMR cost share encumbering request from A. Rothstein, C#2024.07.11-3.1, in the amount of \$1,200 for a Forest Stewardship plan located in the Long Prairie River Watershed. Affirmative: Buchholz, Wendel, Katterhagen, James and Williamson. Motion Carried.

Katterhagen made a motion, seconded by Wendel to approve FY24 Riparian Aid cost share encumbering request from Osakis Country Club, C#2024.07.11-3.2, in the amount of \$6,000 for a wetland restoration project located in the Sauk River Watershed. Affirmative: Buchholz, Wendel, Katterhagen, James and Williamson. Motion Carried.

Todd Gonsier request was removed from agenda.

Joan Gonsier request was removed from agenda.

Katterhagen made a motion, seconded by Williamson to approve FY2024 Mississippi-Brainerd WBIF cost share encumbering request from Big Swan Lake, C#2024.07.11-3.5, in the amount of \$18,536.25 for a lake feasibility study located in the Mississippi-Brainerd. Affirmative: Buchholz, Wendel, Katterhagen, James and Williamson. Motion Carried.

James made a motion, seconded by Wendel to approve FY23 Red Eye LCCMR cost share request from Myron Kaminsky, C#2024-07.11-3.6, in the amount of \$1,200 for a Forest Stewardship Plan located in the Red Eye Watershed. Affirmative: Buchholz, Wendel, Katterhagen, James and Williamson. Motion Carried.

Katterhagen made a motion, seconded by Williamson to approve FY24 Mississippi-Brainerd cost share encumbering request from Kim Davidson, C#2024.07.11-3.7, in the amount of \$750 for a Forest Stewardship Plan located in the Mississippi Brainerd Watershed. Affirmative: Buchholz, Wendel, Katterhagen, James and Williamson. Motion Carried.

James made a motion, seconded by Katterhagen to approve cost share encumbering request from Derek and Amanda Zigan, C#2024.07.11-3.8, in the amount of \$36,342.75 for erosion control project located in the Long Prairie Watershed pending Long Prairie Steering Committee approval.

\$8,000 FY23 Long Prairie WBIF

\$8,069.63 FY22 State Cost-share

\$6,828.64 FY23 State Cost-share

\$7,266.75 FY23 Local Capacity

\$6,177.73 FY24 Conservation Contracts

Affirmative: Buchholz, Wendel, Katterhagen, James and Williamson. Motion Carried.



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James made a motion, seconded by Katterhagen to approve Feedlot Performance encumbering request from Adam and Erin Sunderman, C#2024.07.11-3.9, for \$7,442.81 for a heavy use protection project located in the Sauk River Watershed. Affirmative: Buchholz, Wendel, Katterhagen, James and Williamson. Motion Carried.

Decisions Needed for Payment:

Williamson made a motion, seconded by Wendel to approve FY23 LP LCCMR cost share payment request from Kaminsky, C#2024.05.09-3.12, in the amount of \$750 for a forest stewardship plan located in the Long Prairie Watershed. Affirmative: Buchholz, Wendel, Katterhagen, James and Williamson. Motion Carried.

Katterhagen made a motion, seconded by Wendel to approve FY23 Long Prairie WBIF cost share payment request from Mark and Jody Miksche, C#T-LP WBIF 23-05, in the amount of \$1,022.50 for a well sealing project located in the Long Prairie River Watershed. Affirmative: Buchholz, Wendel, Katterhagen, James and Williamson. Motion Carried.

James made a motion, seconded by Williamson to approve FY24 Riparian Aid cost share payment request from Helle, C2024.06.13-3.2, in the amount of \$3,750 for a repair on a cattle crossing project located in the Partridge River Watershed. Affirmative: Buchholz, Wendel, Katterhagen, James and Williamson. Motion Carried.

Wendel made a motion, seconded by James to approve FY23 Soil Health and FY23 state cost share payment request from Cebulla, C#20240411-3.3, in the amount of \$3,471.30 (\$1,204.94 from FY23 Soil Health and \$2,266.36 from FY23 State cost share) for no-till planting in the Long Prairie Watershed. Affirmative: Buchholz, Wendel, Katterhagen, James and Williamson. Motion Carried.

Williamson made a motion, seconded by Wendel to approve FY22 Riparian Aid cost share funds payment request from Gabrelcik, C#11-0030300, in the amount of \$209.68 for a shrub establishment in the Sauk River Watershed. Affirmative: Buchholz, Wendel, Katterhagen, James and Williamson. Motion Carried.

James made a motion, seconded by Williamson to approve FY23 and FY24 Riparian Aid cost share payment request from Benson, C#2024.01.11-3.11, in the amount of \$9,633.57 (\$9,345 from FY23 Riparian Aid and \$288.57 from FY24 Riparian Aid) for a shoreline buffer planting in the Sauk River Watershed. Affirmative: Buchholz, Wendel, Katterhagen, James and Williamson. Motion Carried.

Katterhagen made a motion, seconded by Wayne to approve FY23 Riparian Aid Cost share payment request from Rapatz, C#2024.01.11-3.10, in the amount of \$10,366.50 for a native buffer planting located Mississippi-Brainerd Watershed. Affirmative: Buchholz, Wendel, Katterhagen, James and Williamson. Motion Carried.

James made a motion, seconded by Katterhagen to approve FY24 Riparian Aid cost share payment request form Jones, C#2024.05.01-3.4, in the amount of \$675 for a shoreline repair project located in the Mississippi-Brainerd Watershed. Affirmative: Buchholz, Wendel, Katterhagen, James and Williamson. Motion Carried.



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Decisions Needed for Operations:

Williamson made a motion, seconded by Wendel to approve West Central Technical Service Area contract for Technical and Engineering Services for the Nutrient Management Planning position effective July 1, 2024-June 30, 2024. Affirmative: Buchholz, Wendel, Katterhagen, James and Williamson. Motion Carried.

Katterhagen made a motion, seconded by Williamson to approve 2024 West Central MASWCD AREA II in the amount of \$450. Affirmative: Buchholz, Wendel, Katterhagen, James and Williamson. Motion Carried.

James made a motion, seconded by Katterhagen to approve board chair signing County annual agreement with PF with the understanding that Todd SWCD will provide match dollars in lieu of the County. Affirmative: Buchholz, Wendel, Katterhagen, James and Williamson. Motion Carried.

Williamson made a motion, seconded by James to approve the FY2025 WBIF Long Prairie Fiscal Agreement. Affirmative: Buchholz, Wendel, Katterhagen, James and Williamson. Motion Carried.

Approval for 2025 OB Well agreement was moved to informational as the grant agreement was signed by District Manager Anton.

Discussion:

Anton provided handouts on the 2025 financial budget and 2025 planning budget. Budget handouts also included how Soil and Water will compensate the County, for County employees that are assigned to work on Soil and Water grant programs.

A candidate was selected for the Soil Health position and final approval will be brought to the Commissioners on July 16, 2024.

Informational:

Breakfast on the Farm will be held on Saturday, July 13, 2024 at Dale and Marie Katterhagen's Farm. Soil and Water will be having a station at the event.

The annual Enviro Fest will be held on Thursday, September 19, 2024 at Dale and Marie Katterhagen's Farm.

The annual MASWCD Convention will be held at the DoubleTree in Bloomington December 2-4, 2024.

Todd SWCD will return unspent funds from the Cebulla project in the amount of \$233.64 to the FY23 State Cost Share funding pool.

Todd SWCD will return unspent funds from the Gabrilsik project in the amount of \$86.01 to FY22 Riparian Aid.



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Todd SWCD will return unspent funds from the Benson project for \$683.43 to FY24 Riparian Aid.

Project status report was provided by Anton.

Anton signed the FY2025 ob well grant agreement effective July 1, 2024-June 30, 2025.

The next regular Soil and Water board meeting of Supervisors will be at held on Thursday, August 8, 2024 at the Historic Courthouse in the Commissioner's board room located in Long Prairie starting at 8:30 a.m.

Chairperson Buchholz adjourned the meeting at 9:54 a.m.

Sarah Katterhagen, Minute Prepare

Date

Deja Anton, SWCD District Manager

Date

Dale Katterhagen, Secretary

Date



District Manager **Highlights ONLY**-July 2024

- **Breakfast on the Farm with Dylan. 100 participants pinned the “Poo”.**
- **Plugging away on Easement requests. We have 8 new easement requests just this month. Not all will be approved but the interest is there to protect forest, grazing lands, and riparian areas, especially in east Todd County adjacent to the Camp Ripley Sentinel outer borders.**
- **Met with J. Varner, engineer, and contractor in Eagle Bend to start work on the feedlot in Burleene TWP.**
- **Working with Big Swan Lake on two Feasibility studies. Grant application.**
- **Receiving a few inquiries as to potential changes to CUP process.**
- **Review of Timber Hills CUP application**
- **Onboarding Soil Health Practitioner**
- **PF Position has been advertised. Interviews are scheduled for mid- September.**
- **District was complimented for being “by far” the best in the Area for understanding the importance of and development of stormwater controls from WCTSA staff.**



Kevin Grondahl Shoreland Buffer & Bank Stabilization

Location Information		Project Information	
Parcel Number	26-0043100	Project Type	Erosion Control-Riparian
Township Name	Ward	Practice Type	Critical Area Planting & Shoreline Protection
TWP, Range, Section	T131, R33W, Section 1	Project Code	342 & 580
Major Watershed	Long Prairie	Field Technician	Josh Votruba
Minor Watershed	14038 – Turtle Creek	Technical Assistance	Ross Reiffenberger

Resource Concern:

Soil erosion into Turtle Lake. An old failing retaining wall at the water's edge on property will be removed, and then be replaced by rock rip with a native buffer seeded behind it. This completed project will result in greater bank stabilization, which will result in less sediment eroding from the bank and entering Turtle Lake.

Funding Information

High Bid	Low Bid	Cost Share	
\$19,424.00	\$11,370.00	75%	\$8,527.50
Statema Backhoe	Eagle View Landscaping		

Final Invoice (s)	N/A	Cost Share Payment Amount	N/A
Funding Source	FY 24 Riparian	\$8,527.50	
	FY & Grant Name.	FY & Grant Name.	



Location of proposed project above in red



Final Engineer Design Plan – Existing retaining wall by water’s edge will be removed, bank then will be regraded to a 3:1 slope. Rock rip rap then will be installed on the new 3:1 slope. An approximately 570 Square foot area behind rock rip rap will be seeded into a native riparian seed mix.



Grass area currently behind retaining wall will be planted into a native buffer consisting of a native riparian seed mix



Failing retaining wall will be removed and replaced with rip rap



View of flat area to be seeded into native buffer

Randolph & Ann Brown FSP

Location Information

Parcel Number 06-0040700, 06-0040800
Township Name Burnhamville

TWP, Range, Section T128N R32W Sec 29
Major Watershed Mississippi-Brainerd
Minor Watershed 10133 Big Swan L

Project Information

Project Type Ecological
Practice Types Forest
Management Plan
Project Codes 106
Field Technicians Tim Ebnet

Resource Concern and Project Purpose Description

Update and add additional acres to one overall forest stewardship plan for 88 acres.

Funding Information

Bid

\$900.00

Bertschi Forestry

Cost Share

75%

\$675.00

Final Invoice (s)

Provided at later
date

Cost Share Payment Amount

Provided at later
date

Funding Source

FY24 Mississippi Brainerd \$675.00
WBIF





Todd Gonsior Forest Mgmt. Plan

Location Information

Parcel Number	24-0019700
Township Name	Turtle Creek
TWP, Range, Section	131;32;21
Major Watershed	Long Prairie
Minor Watershed	14038 Turtle Creek

Project Information

Project Type	Ecological
Practice Types	Forest MGMT
Project Codes	106
Field Technicians	Anton
Engineering Assistance	Erik Eggen, Forestry Consultant

Resource Concern and Project Purpose Description

Revitalizing the native forest of this region to maintain soil health, habitat, and overall water quality. Property lies in the tier 2 riparian zone of Rice Lake.

Funding Information

Single Bid

\$770

Cost Share

75%

\$577.50

Final Invoice (s)

TBD

Cost Share Payment Amount

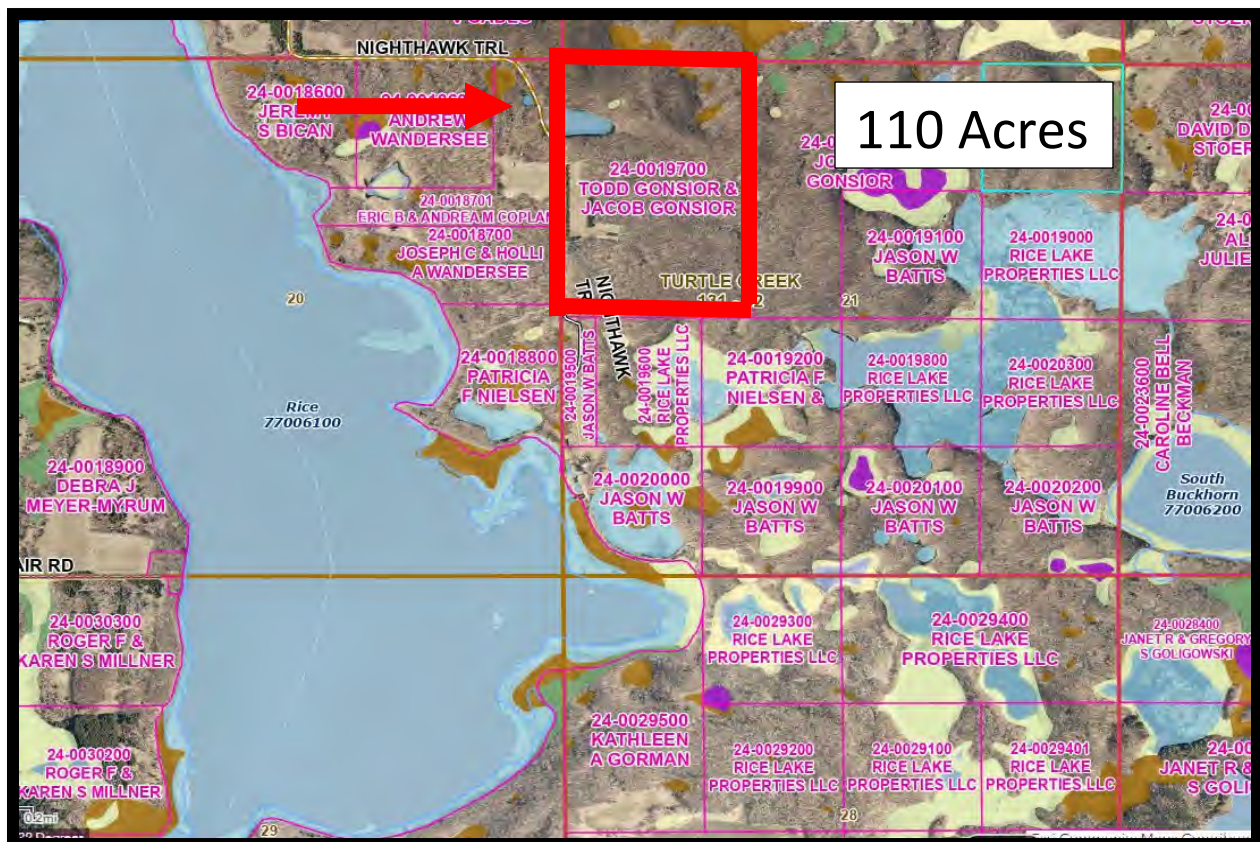
TBD

Funding Source

FY23 LCCMR

TBD

What a Match!



Joan Gonsior Forest MGMT. Plan

Location Information

Parcel Number 24-00194 & 00193
 Township Name Turtle Creek
 TWP, Range, Section 131;32;21
 Major Watershed Long Prairie
 Minor Watershed 14038 Turtle Creek

Project Information

Project Type Ecological
 Practice Types Forest MGMT
 Project Codes 106
 Field Technicians Anton
 Engineering Assistance Erik Eggen,
 Forestry
 Consultant

Resource Concern and Project Purpose Description

Revitalizing the native forest of this region to maintain soil health, habitat, and overall water quality. Property abuts wetland complexes with hydrologic connection to Rice Lake and South Buckhorn Lake.

Funding Information

Single Bid

\$910

Cost Share

75%

\$682.50

Final Invoice (s)

TBD

Cost Share Payment Amount

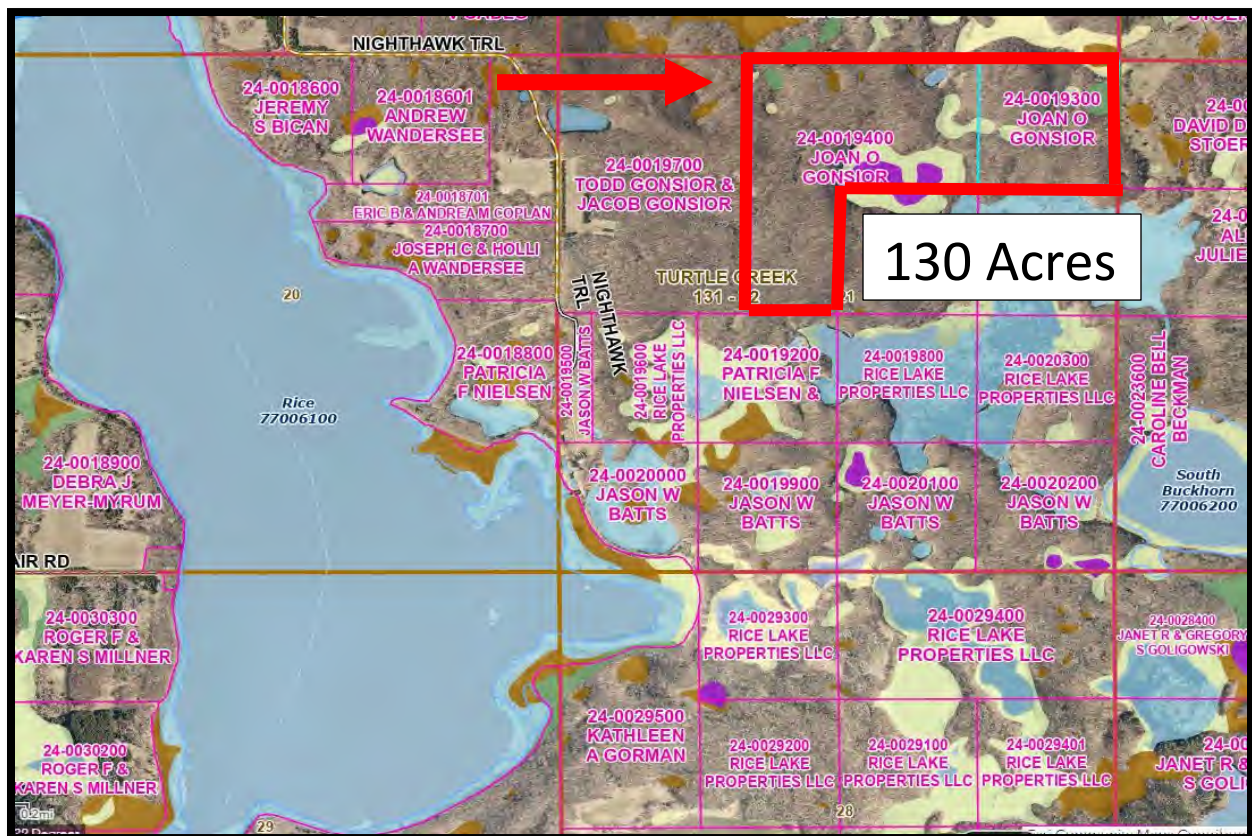
TBD

Funding Source

FY23 LCCMR

TBD

What a Match!



Perish Well Sealing Pay Out Request

Location Information

Parcel Number 26-0014200
Township Name Ward
TWP, Range, Section 131, 33, 16
Major Watershed Long Prairie
Minor Watershed 14060

Project Information

Project Type Ecological
Practice Types Well Sealing
Project Codes 351
Field Technicians Deja Anton
Engineering Assistance NA

Resource Concern and Project Purpose Description

Seal unused old farmstead well in a high nitrate township.

Funding Information

High Bid	Low Bid	Cost Share
N/A	\$550	50% \$275.00

Final Invoice (s)	\$475.00	Cost Share Payment Amount	\$237.50
Funding Source	FY23 Long Prairie WBIF	\$237.50	

**Project was less than encumbered*



James Roof Over Structure 2nd Stage Component Pay Out

Location Information

Parcel Number	19-0023100
Township Name	Moran
TWP, Range, Section	132, 33, 23
Major Watershed	Long Prairie
Minor Watershed	14036 Moran Creek

Project Information

Project Type	Engineered
Practice Types	Roofs; Waste Storage Facility
Project Codes	367; 313
Field Technicians	Anton
Engineering Assistance	R. Reiffenberger, P.E. & L. Herkenhoff (WCTSA)

Resource Concern and Project Purpose Description

This project closes an open feedlot on the banks of both Moran Creek and Long Prairie less than 100' from their confluence. Moran Creek and the downstream leg of the Long Prairie River are impaired with Moran Creek being the prime target for E. coli reductions. Livestock and manure will be under a newly constructed roof and stacking slab meeting new setbacks and regulations. This project has been approved by the Long Prairie Watershed Collaborative Policy and Steering Committees for use of the Long Prairie WBIF funds. A CWMP has been developed for this site.

Funding Information

High Bid	Low Bid	Cost Share
\$1,058,787	\$1,034,173	5% \$50,000

First Invoice (s)	\$50,000- Earthwork Only	Partial Cost Share Payment Amount	\$37,500 approved for payment on 11/9/2023
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Second Invoice	TBD provided at meeting	Partial Cost-share Payment Amount	\$12,500
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Funding Source:

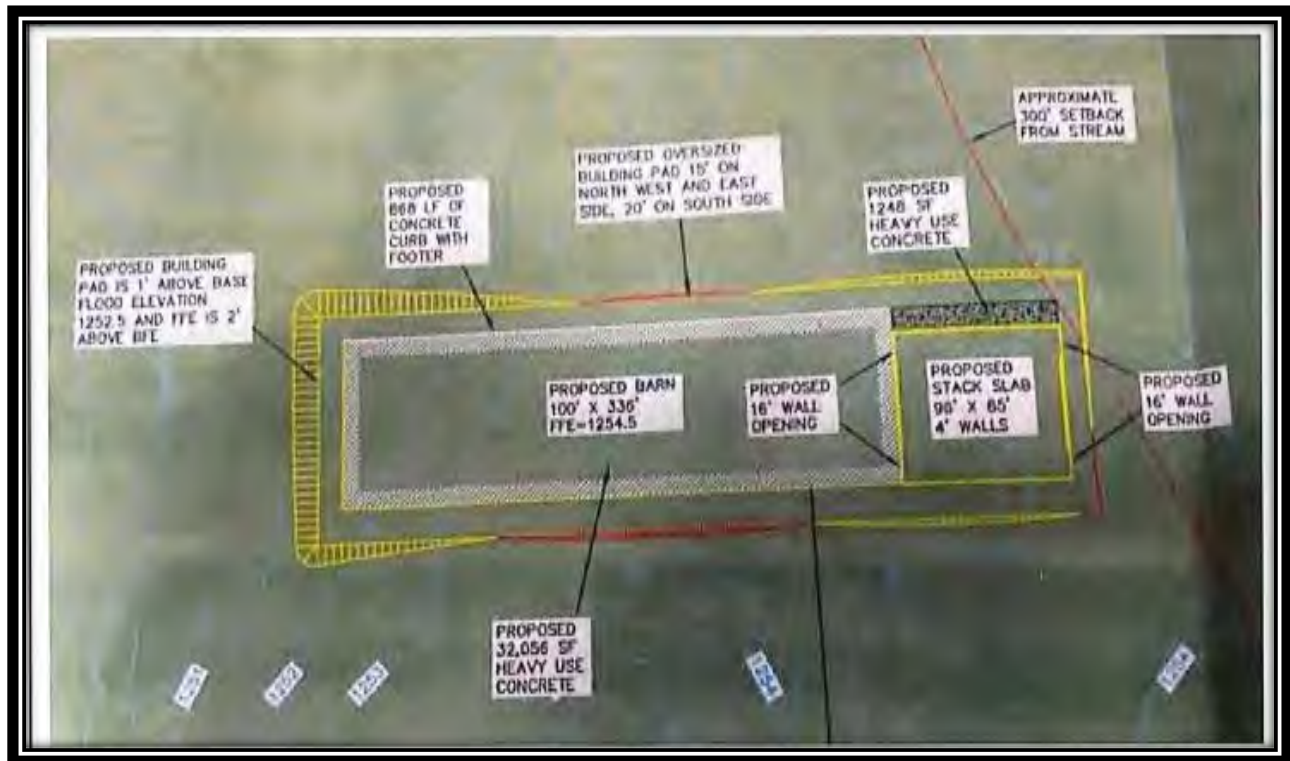
FY23 LP WBIF

On 3/14/2024, an amendment was made to add an additional \$11,025 to help cover additional component costs.

Annual Reductions

	Before	Reduction Calculator
COD	359 lbs.	MINNFARM
Nitrogen	20 lbs.	
Fecal Coliform	3.2 + 14 cfu	
BOD	80 lbs.	
Phosphorus	7 lbs.	

Engineer Design Plan



Current Progress:



James Roof Over 2nd Stage Component Pay Out, Submitted by Deja Anton- August 8, 2024



More pictures to come at meeting.

Zastrow Farms Pit Closure submitted by Dylan Pratt

Location Information

Parcel Number 18-0027100
Township Name Long Prairie

TWP, Range, Section 129, 33, 22
Major Watershed Long Prairie
Minor Watershed 14056-Turtle Cr

Project Information

Project Type Engineered
Practice Types Waste Facility Closure
Project Codes 360
Field Technicians Dylan Pratt
Engineering Assistance Dylan Pratt

Resource Concern and Project Purpose Description

Closing of an earthen manure storage area that is within 100' of a flowline that has connectivity to Turtle Creek.

Funding Information

High Bid	Low Bid	Cost Share
\$36,419.28	\$31,537.50	75%
Statema Backhoe Service LLC.	Shaw Excavating	\$23,653.12

Final Invoice (s)	\$31,166.90	Cost Share Payment Amount	\$23,375.18
Funding Source	Long Prairie WBIF		\$23,375.18

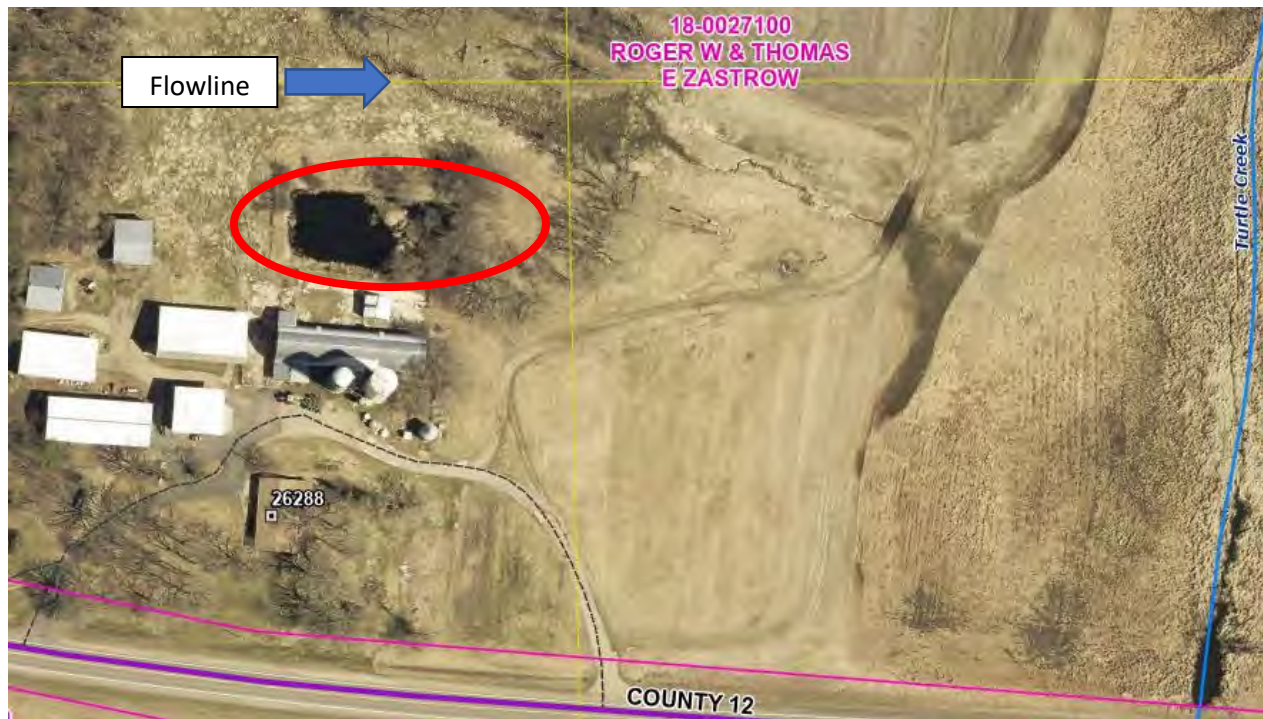
Excavation of this pit was challenging as the contractor found that there was between 4 and 4.5 feet of solids at the bottom of the pit. The dozer was unable to move the solids initially as they were so solid it wanted to move as one large clump. Therefore, the contractor excavated as much of the solids as he could reach with the excavator. I then checked the area that was excavated, once I gave him the ok he backfilled the portion he had excavated so that he could reach more of the solids. This process continued for most of the pit, towards the end the dozer was able to push the solids to the excavator so he could wait until it was completely empty to backfill the rest.

Reductions

E. Coli 2.81E+15 CFU
Nitrogen 11 mg/L
Phosphorus 7 mg/L

Reduction Notes

E. Coli Reduction scoresheet used.



Zastrow Farms Pit Closure Payout, submitted by Dylan Pratt, 2024.08.01



Excavation of Pit



Zastrow Farms Pit Closure Payout, submitted by Dylan Pratt, 2024.08.01



Removal of the end
of transfer pipe





Beginning Final Backfill



Seeding and Mulch

****Items below are for internal purpose ******
Don't print for Education presentation ****

Date Encumbered

Click or tap to enter
a date.

Date Board Approved Payment

Click or tap to enter
a date.

Amendment

Yes or No, If Yes – enter notes.

Cronquist Waste Facility Closure Pay Out

Location Information		Project Information	
Parcel Number	23-0030800	Project Type	Engineered
Township Name	Stowe Prairie	Practice Types	Waste Facility Closure
TWP, Range, Section	133,35,36	Project Codes	360
Major Watershed	Crow Wing	Field Technicians	Pratt
Minor Watershed	12050 Little Partridge Cr	Engineering Assistance	Pratt

Resource Concern and Project Purpose Description

Large outdated Ag Waste structure sandwiched between the Little Partridge River and a tributary stream. To the east, the pit is about 100 feet from the river on its downgradient side. The Little Partridge River is contaminated for the bacteria, E. coli.

Funding Information

Bid		Cost Share	
\$29,600	Tony Zetah	75%	\$22,200

Following Board approval of amendment to include an increase in cost-share request by \$5,366.25, pay-out is proposed to be:

Final Invoice (s)	\$36,755.00	Cost Share Payment Amount	\$27,566.25
Funding Sources	FY22 Riparian	\$86.01	Increase in price is due to the contractor needing to haul additional sludge and debris out of the pit.
	FY23 Local Capacity	\$3,685.93	
	FY22 Local Capacity	\$5,591.40	
	FY23 Riparian	\$9,856.26	
	FY20 Partridge River	\$7,540.49	
	FY24 Riparian Aid	\$806.16	
	Reductions		
Nitrogen	6 lbs.		
Fecal Coliform	4.72E+15 cfu		
Phosphorus	7 mg/ml		



Aerial View of Property



Pit Before Excavation



Excavation and
Backfill of the Pit





Pit After Backfill,
Seeding and Mulch



TODD COUNTY SOIL AND WATER BOARD OF SUPERVISORS

2024 GUIDELINES ON USE OF SWCD AID PAYMENTS

Minn. Stat. § 477A.23, subd. 4(b)

(effective August 8, 2024)

State SWCD Aid payments will be used by the district board and staff to carry out the following duties as outlined in Minn. Stat. § 103C.332, subd. 1:

- (1) respond to and provide technical and financial assistance to landowners to maintain and improve the quality, quantity, distribution, and sustainability of natural resources, including surface water, groundwater, soil, and ecological resources;
- (2) provide technical assistance in implementing the soil erosion law under sections [103F.401](#) to [103F.48](#);
- (3) arrange for employees to serve on technical evaluation panels to implement the wetland laws as required under section [103G.2242](#);
- (4) locally administer the reinvest in Minnesota reserve program under section [103F.515](#) and rules adopted thereunder, using knowledge of local resources to manage each easement to maximize environmental benefits;
- (5) participate in administering the Wetland Conservation Act as provided under sections [103G.221](#) to [103G.2375](#), either in an advisory capacity or as the designated local government unit administering the program;
- (6) participate in the local water management program under chapter 103B, either in an advisory capacity or as the designated local government unit administering the program;
- (7) participate, as appropriate, in the comprehensive watershed management planning program under section [103B.801](#);
- (8) participate in disaster response efforts as provided in chapter 12A;
- (9) provide technical recommendations to the Department of Natural Resources on general permit applications under section [103G.301](#);
- (10) provide technical assistance and local administration of the agricultural water quality certification program under sections [17.9891](#) to [17.993](#);
- (11) provide technical assistance for the agricultural land preservation program under chapter 40A, where applicable;
- (12) maintain compliance with section [15.99](#) for deadlines for agency action;
- (13) coordinate with appropriate county officials on matters related to electing soil and water conservation district supervisors; and
- (14) cooperate to the extent possible with federal, state, and local agencies and with private organizations to avoid duplicating and to enhance implementing public and private conservation initiatives within the jurisdiction of the district.

TODD COUNTY SOIL AND WATER BOARD OF SUPERVISORS

In carrying out the above duties, the district board and staff will use state aid payments to deliver the following services as outlined in Minn. Stat. § 103C.332, subd. 2:

(1) performing administrative services, including comprehensive and annual work planning, administering grants, leveraging outside funding, establishing fiscal accountability measures, reporting accomplishments, human resources management, including severance resources, and staff and supervisor development;

(2) entering into cooperative agreements with the United States Department of Agriculture, Natural Resources Conservation Service, and other United States Department of Agriculture agencies to leverage federal technical and financial assistance;

(3) providing technical expertise, including knowledge of local resources, performing technical evaluations and certifications, assessing concerns, and providing oversight in surveying, designing, and constructing conservation practices;

(4) providing information and education outreach platforms, media, and promotional supplies, signage, and/or material wear for increasing landowner awareness and knowledge of soil and water conservation program opportunities to protect soil and water resources and publicizing the benefits of soil and water conservation to the general public;

(5) facilitating regulatory processes for impacted landowners and providing technical review and comment on regulatory permits and development plans for regulations relating to soil and water conservation;

(6) administering projects and programs, including but not limited to the nonpoint source pollution abatement program; reinvest in Minnesota reserve conservation easements program; disaster response; local water management and comprehensive watershed management planning programs; and projects related to floodplains, lakes, streams and ditches, wetlands, upland resources, and groundwater resources, to maintain and improve the quality, quantity, distribution, and sustainability of natural resources, including surface water, groundwater, soil, and ecological resources;

(7) monitoring and inventorying to collect data that provide a baseline understanding of resource conditions and changes to the resources over time and analyzing and interpreting the data to support program implementation; and

(8) working in collaboration with Todd County/SWCD service agreement to obtain and operate modern vehicle and technology infrastructure that facilitates planning and project installation, including transportation mechanisms to access sites by land or watercraft, geographic information systems, modeling software, mobile work stations, survey and design equipment and software, and other technology for linking landowners with conservation plans.

District Manager

Date

Chairperson, Lee Buchholz

Date

**Agreement for Services
Leaf Wing Redeye River Watershed Based Implementation
C25-0118**

This Agreement made and entered into this day August 8, 2024 between the East Otter Tail Soil and Water Conservation District hereafter called the EOT SWCD and the Todd Soil and Water Conservation District Hereafter called the Todd SWCD.

Witnesseth: The parties hereto for the consideration hereinafter mention, covenant and agree as follows; The EOT SWCD acting as the fiscal agent for the Leaf Wing Redeye River Watershed Policy Committee and has entered into a grant agreement with Minnesota Board of Water and Soil Resource (BWSR) for Watershed Based Implementation Funding. This funding allows collaborating local governments to pursue timely and effective solutions based on a watershed's highest priority needs, identified in the approved and adopted Comprehensive Watershed Management Plan for the Leaf Wing Redeye River Watershed.

The Leaf Wing Redeye River Watershed Policy Committee has reviewed and approved the budget and workplan and the distribution of the Watershed Implementation funds to partnering Local Government Units (LGUs). The EOT SWCD will distribute up to \$125,575 to the Todd SWCD for their efforts to implement the items identified in the work plan and described below.

Non-Structural Practices	\$10,000
Groundwater Based Practices	\$9,075
Shoreland/Streambank Structural	\$60,000
Livestock Waste Management	\$20,000
Education/Information	\$2,500
Tech Assistance/Engineering	\$10,000
Project Development	\$10,000
Administration/Coordination	\$4,000
Total	\$125,575

The Todd SWCD agrees to:

- a. Provide technical assistance to landowners and land users in the Leaf Wing Redeye River watershed.
- b. Conduct project development activities.
- c. Provide administrative/coordination activities
- d. Enter in to cost-share or incentive-based contracts with landowners or land users adopting; non-structural, groundwater, shoreland/streambank, and forestry based best management practices that address priorities identified in the Comprehensive Watershed Management Plan and meet technical standards according to State & Local Policy, including BWSR's grant policies.
- e. Collect and provide information (mapping, project details, pollution reductions, etc.) for work that was accomplished for reporting purposes.
- f. Document all projects associated with the Watershed Plan.
- g. Invoice the EOT SWCD on a quarterly basis with the required documentation on the use of funds, including staff time, project payments, education, and outreach activities, etc.

The EOT SWCD will:

- a. Reimburse Todd SWCD for invoiced activities in a timely manner
- b. Coordinate with participating LGU partners
- c. Coordinate reporting of progress to Policy Committee and BWSR

This contract may be reviewed and modified at the discretion of the EOT SWCD and the Todd SWCD in consultation with the Leaf Wing Redeye River Watershed Technical Advisory Committee.

In Witness Whereof, the parties listed below under and have agreed to the terms outlined in this Contract for Services.

This contract is effective on the date the BWSR grant agreement is executed and will terminate on 12/31/2027 unless the grant agreement is amended allowing more time.

East Otter Tail SWCD _____
Darren Newville

Date

Todd SWCD _____

Date

TODD COUNTY SOIL AND WATER BOARD OF SUPERVISORS

A RESOLUTION ESTABLISHING LANDOWNER INKIND CONTRIBUTION HOURLY LABOR RATE

WHEREAS, landowners may opt to perform some of the labor requirements in installing a cost-sharable practice under direction of the project engineer or technical staff.

WHEREAS, no landowner in kind contribution hourly rate for manual labor has been established by BWSR Grant Administration Manual

WHEREAS, BWSR recommends state Custom Surveys to determine other pay rates for specific install duties, machinery rental, and equipment use;

WHEREAS, the IOWA Custom Rate Survey has no longer publishes rates for some farm related labor such as fencing.

WHEREAS, the Nebraska Farm Custom Rate Survey does list a rate, updated annually, for a full gamut of farm labor practices and wages for equipment operation, including fencing.

WHEREAS, equipment operation may be defined to include tools, implements, or machinery directly related to and necessitated by the practice standard for installation

BE IT RESOLVED, Todd SWCD District Board approves a rate matching that listed in the most current published Nebraska Farm Custom Rate Survey for line items relating to farm labor rates/ equipment operation, and fencing. In the event that a labor practice is not found in the Nebraska Farm Custom Survey, reference can be made to the Iowa Custom survey or second, to another mid-western state survey with similar practices, in that order.

BE IT FURTHER RESOLVED, as the Nebraska Farm Custom Rate Survey is broken down by regional costs and after technical review, staff has determined that the Northeast region of Nebraska most closely resembles that of Todd County in land use practices and livestock production. The regional rates to be used will be those printed under the Northeast region of Nebraska.

District Manager

Date

Chairperson

Date

TODD SOIL AND WATER BOARD OF SUPERVISORS

A RESOLUTION ESTABLISHING LANDOWNER INKIND CONTRIBUTION HOURLY LABOR RATE

WHEREAS, landowners may opt to perform some of the labor requirements in installing a cost-sharable practice under direction of the project engineer or technical staff.

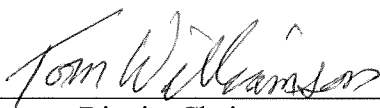
WHEREAS, no landowner in kind contribution hourly rate for manual labor has been established by BWSR Grant Administration Manual

WHEREAS, BWSR recommends the Iowa Custom Survey to determine other pay rates for specific install duties, machinery rental, and equipment use;

WHEREAS, the Iowa Custom Survey does list a rate, updated annually, for farm labor wages for equipment operation.

WHEREAS, equipment operation may be defined to include tools, implements, or machinery directly related to and necessitated by the practice standard for installation

BE IT RESOLVED, Todd SWCD District Board approves a rate matching that listed in the most current Iowa Custom Rate Survey for line item farm labor wages/ equipment operation.



District Chairman



Date

TODD COUNTY SOIL AND WATER BOARD OF SUPERVISORS

A RESOLUTION ESTABLISHING PRACTICE COST-SHARE RATES FOR ALL FUND SOURCES

WHEREAS, the State of Minnesota has adopted Statute 103.B801 *Comprehensive Management Planning Program*, now commonly referred to as One Watershed, One Plans (1W1P) or comprehensive watershed management plans to focus on the implementation of prioritized and targeted actions outlined within these plans, including the installation of *location specific* best management practices, capable of achieving measurable progress (subd.2 (5);

WHEREAS, the Board of Soil and Water Resources (BWSR) provides watershed- based implementation funding (WBIF) to Soil and Water Conservation Districts (SWCDs) to share costs with land occupiers for specific prioritized practices in targeted locations;

WHEREAS, SWCD boards may set local cost-share percentages prior to receiving any applications from land occupiers, up to the maximum rate identified in BWSR Policy, and

WHEREAS, Todd SWCD also has access to other federal, state, county, and local sources funding for land occupier cost-share, and

WHEREAS, consistency in district cost-share rates increases clarity in contract communications, efficiencies in process, and reductions human err

BE IT RESOLVED, that the Todd SWCD Board approves establishing a cost-share percentage rate of up to 75% of the total actual cost of design, materials, labor* and installation charges of any best management practice contract

BE IT FURTHER RESOLVED, in the event that a contract meets all of the following qualifiers:

- The practice directly addresses one of the priority issue statements written into the plan or implementation schedule,
- The practice is in a targeted resource area specifically outlined in the work plan or implementation schedule,
- The practice requires no long-term Operation or Maintenance Plan on the part of the land occupier following installation (i.e. impoundment practice or having a recorded maintenance easement with an outside entity),
- A 10% grant match has been obtained by the SWCD from an alternative fund source ahead of the contract going into effect,

a higher percentage based cost-share allowance not to exceed 100% of the total costs may be set at the SWCD Board's discretion.

District Manager

Date

Chairperson

Date

* Land Occupier In-kind Labor to be based off the most recent publication of the Nebraska Farm Custom Rate Survey, Resolution # 20140910-1 ® 2024.0808-5.3

** Follow the Scoring Guide for the Sealing of Irrigation Wells adopted January 1, 2012

TODD COUNTY SOIL AND WATER BOARD OF SUPERVISORS

A RESOLUTION ESTABLISHING PRACTICE COST-SHARE RATES FOR ALL FUND SOURCES

WHEREAS, the State of Minnesota has adopted Statute 103.B801 *Comprehensive Management Planning Program*, now commonly referred to as One Watershed, One Plans (1W1P) or comprehensive watershed management plans to focus on the implementation of prioritized and targeted actions outlined within these plans, including the installation of *location specific* best management practices, capable of achieving measurable progress (subd.2 (5);

WHEREAS, the Board of Soil and Water Resources (BSWR) provides watershed- based implementation funding (WBIF) to Soil and Water Conservation Districts (SWCDs) to share costs with land occupiers for specific prioritized practices in targeted locations;

WHEREAS, SWCD boards may set local cost-share percentages prior to receiving any applications from land occupiers, up to the maximum rate identified in BWSR Policy, and

WHEREAS, Todd SWCD also has access to other federal, state, county, and local sources funding for land occupier cost-share, and

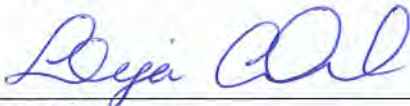
WHEREAS, consistency in district cost-share rates increases clarity in contract communications, efficiencies in process, and reductions human err

BE IT RESOLVED, that the Todd SWCD Board approves establishing a cost-share percentage rate of up to 75% of the total actual cost of design, materials, labor* and installation charges of any best management practice contract

BE IT FURTHER RESOLVED, in the event that a contract meets all of the following qualifiers:

- The practice directly addresses one of the priority issue statements written into the plan or implementation schedule,
- The practice is in a targeted resource area specifically outlined in the work plan or implementation schedule,
- The practice requires no long-term Operation or Maintenance Plan on the part of the land occupier following installation (i.e. impoundment practice or having a recorded maintenance easement with an outside entity),
- A 10% grant match has been obtained by the SWCD from an alternative fund source ahead of the contract going into effect,

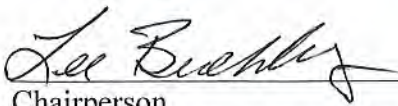
a higher percentage based cost-share allowance not to exceed 100% of the total costs may be set at the SWCD Board's discretion.



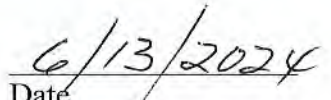
District Manager



Date



Chairperson



Date

*Policy 2-190314-02 establishes the Landowner/occupier In-Kind Labor to be based off IOWA custom rates

** Follow the Scoring Guide for the Sealing of Irrigation Wells adopted January 1, 2012

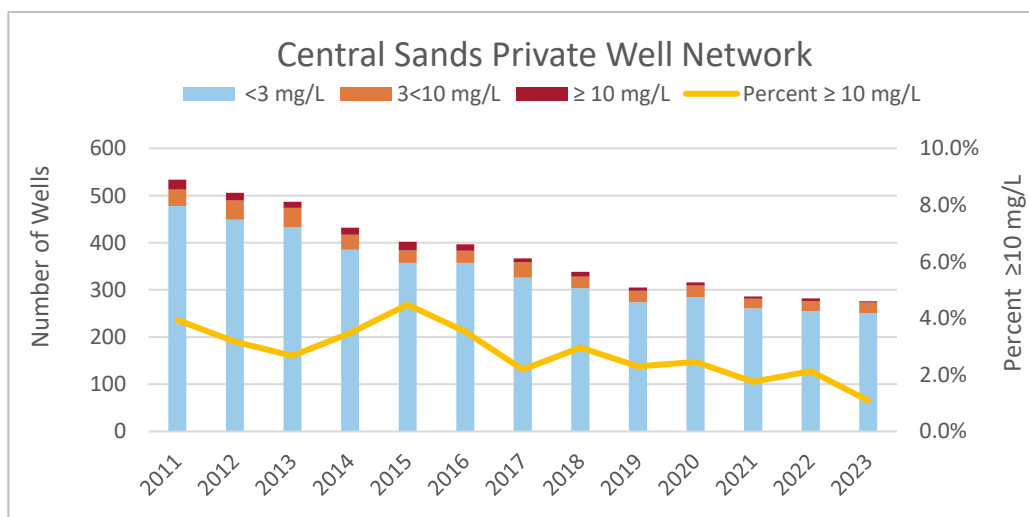
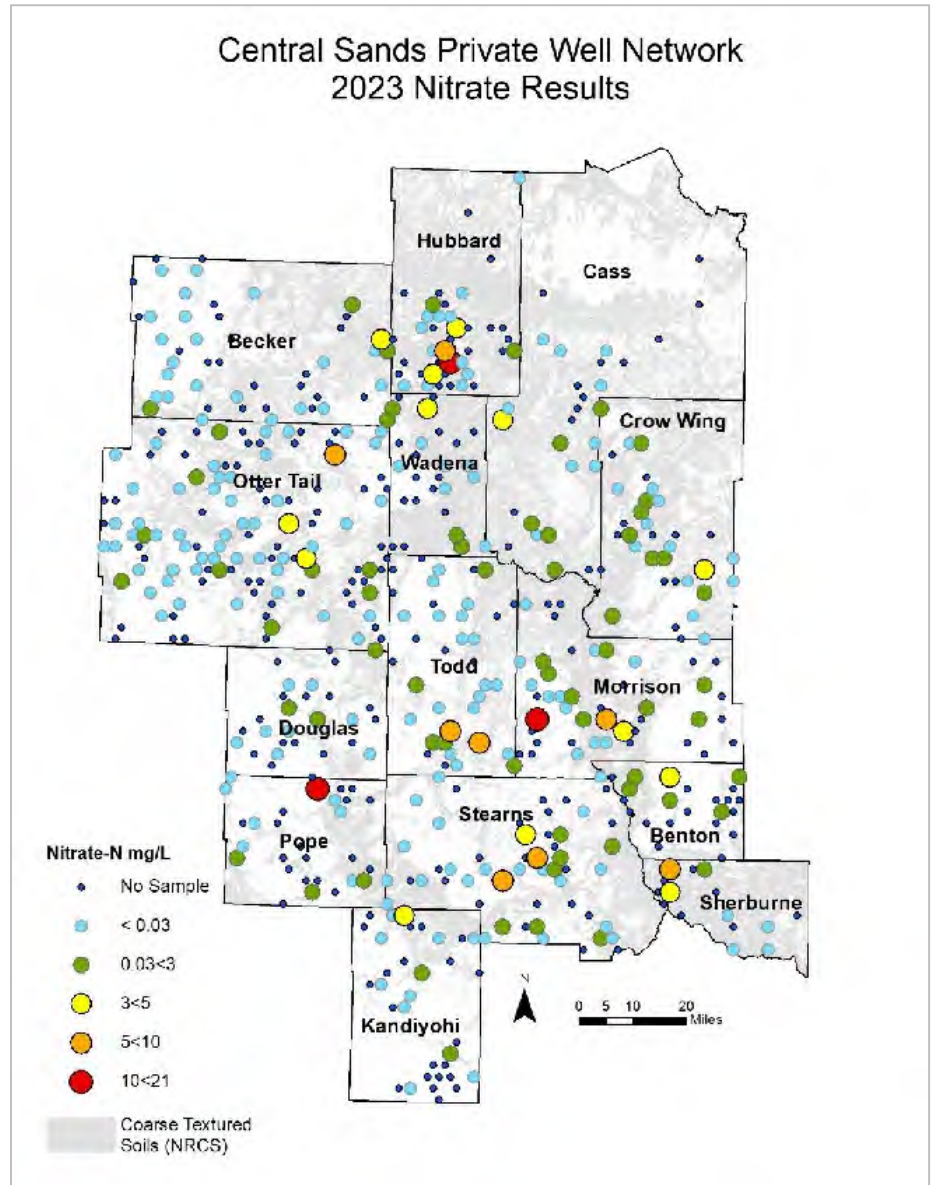
The Minnesota Department of Agriculture (MDA) along with local Soil and Water Conservation Districts (SWCDs) have been testing private wells in the network for over 10 years. This could not be done without the help of homeowner volunteers! Thank you for making this program possible. Your participation is helping to protect local groundwater.

The Central Sands Private Well Network was developed in 2011 due to concerns about high nitrate levels in private drinking water wells. Drinking water high in nitrate can cause serious health effects in infants. The state's Health Risk Limit for nitrate-nitrogen is 10 mg/L.

The Central Sands region has soils that are vulnerable to groundwater contamination. The long-term goal of the network is to determine nitrate trends in the region. To the greatest extent possible, the same households have been tested since 2011. In 2023, 276 private drinking water wells were sampled for nitrate.

2023 Nitrate-N Results

- 90.9% of results were <3 mg/L
- 8.0% of results were 3<10 mg/L
- 1.1 % of results were ≥10 mg/L



On a regional scale, 98% of participating wells have water that is below the Health Risk Limit for nitrate-nitrogen. As a region, nitrate levels are showing a downward trend in the 90th percentile. Individual wells fluctuate from year to year. Participation rates have continued to trend downward.

2023 NITRATE RESULTS BY COUNTY

County	Number of Wells	Min	Max	Mean	Median	75th Percentile ¹	90th Percentile ²	Percent of Wells <3	Percent of Wells 3<10	Percent of Wells ≥10
Becker	25	<0.03	3.47	0.27	<0.03	<0.03	1.0	96.0%	4.0%	0.0%
Benton	6	0.057	4.42	1.77	1.54	2.86	4.3	83.3%	16.7%	0.0%
Cass	14	<0.03	3.17	0.31	<0.03	0.16	0.8	92.9%	7.1%	0.0%
Crow Wing	22	<0.03	3.98	0.68	<0.03	1.08	2.8	95.5%	4.5%	0.0%
Douglas	11	<0.03	0.73	0.07	<0.03	0.03	0.3	100.0%	0.0%	0.0%
Hubbard	18	<0.03	11.00	1.53	<0.03	2.07	5.0	77.8%	16.7%	5.6%
Kandiyohi	13	<0.03	3.29	0.54	<0.03	0.28	3.1	84.6%	15.4%	0.0%
Morrison	23	<0.03	20.30	1.42	0.032	0.40	3.9	87.0%	8.7%	4.3%
Otter Tail	62	<0.03	8.74	0.43	<0.03	<0.03	1.4	95.2%	4.8%	0.0%
Pope	11	<0.03	10.60	1.19	<0.03	0.19	5.5	90.9%	0.0%	9.1%
Sherburne	7	<0.03	9.17	1.77	<0.03	2.34	7.9	71.4%	28.6%	0.0%
Stearns	29	<0.03	7.42	0.63	<0.03	0.05	2.3	89.7%	10.3%	0.0%
Todd	24	<0.03	9.18	0.77	<0.03	0.10	1.9	91.7%	8.3%	0.0%
Wadena	11	<0.03	3.02	0.43	<0.03	0.08	2.1	90.9%	9.1%	0.0%
Total	276	<0.03	20.30	0.72	<0.03	0.11	2.8	90.9%	8.0%	1.1%

¹ The 75th percentile means that 75% of the results are below this value. ² The 90th percentile means that 90% of results are below this value.

County Summary

Nitrate concentrations varied between counties in the Central Sands region. Pope County had the highest percentage of wells (9.1%) greater than 10 mg/L and Morrison County had the highest value of 20.30 mg/L of Nitrate. Wells with results in the range of 3 to 10 mg/L are considered impacted but safe for drinking; the water is above natural levels of nitrate but below the Health Risk Limit. Groundwater in this range is being impacted by activities on the land surface. Sherburne County has the highest percentage (28.6%) of impacted wells. Benton County and Hubbard County both had the second highest percentage (16.7%) of impacted wells.

The Minnesota Department of Agriculture will continue to offer free nitrate sampling kits to participating well owners on an annual basis. Wadena Soil and Water Conservation District will continue to provide local coordination for the entire network. Additional outreach will be done this year to engage new homeowners to join the network. This will be accomplished through reaching out to homeowners who have recently purchased homes that were previously in the network.

Additional Programs to Protect Water Quality

Many Soil and Water Conservation Districts (SWCDs) have a cost share program to seal abandoned wells on private property. This is typically set at a 50% rate with a maximum amount per well. Be sure to contact your local SWCD about this cost share before sealing the well as preapproval is required to qualify for the cost share. Private well water should also be tested annually for bacteria by a certified laboratory.

If you have local water quality questions, contact Anne Oldakowski at the Wadena SWCD: Anne.oldakowski@wadena.mnswcd.org or by phone 218-632-4201. If you have any questions on nitrate testing, please contact Kimberly Kaiser at MDA: by phone: 651-201-6280 or kimberly.kaiser@state.mn.us.

Final Well Dataset Results Todd County, Minnesota



mn DEPARTMENT OF AGRICULTURE

✓ = High Nitrate TWPS

N
0 1.5 3 6 Miles

Figure 6. Well Locations and Nitrate Results from Final Well Dataset in Todd County