

RED LAKE WATERSHED DISTRICT

May 12, 2022

9:00 a.m.

Agenda

9:00 a.m.	Call to Order	Action
	Review and approve agenda	Action
	Requests to appear	Information
	April 28, 2022 Minutes	Action
	Financial Report dated May 11, 2022	Action
	Dam Maintenance, RLWD Project No. 50	Info./Action
	Black River Impoundment, RLWD Project No. 176 Land Rental/CRP Damages	Info./Action
	Flood Damage Reduction Monitoring Committee Legislative-Citizen Commission on Minnesota Resources (LCCMR) Grant Application	Action
	Thief River Falls Westside FDR, RLWD Project No. 178 Land Purchase	Info./Action
	BR-6 Erosion Repair, RLWD Project No. 43A	Info./Action
	RRWMB Water Quality Base Funding Application Thief River Falls Streambank Stabilization Black River Streambank Stabilization	Info./Action
	Installation of Stream Gages	Info./Action
	Lammers Township, Beltrami County	Info/Action
	Impoundment Update Moose River Impoundment	Information
	RLWD Permit No. 22019, Randy Lee, Badger Township	Action
	Permits: No. 22018, 22020, 22029, 22031-22034, 22036, 22037 22039, 22040	Action
	Vehicle Purchase	Info./Action

Maintenance on Building	Info./Action
Painting of Office	Info./Action
Central Air	
Administrators Update	Information
Legal Counsel Update	Information
Managers' updates	Information
Hourly Employee Pay Request	Info./Action
Job Description Review	Info./Action
Adjourn	Action

UPCOMING MEETINGS

May 17, 2022	RRWMB Mtg., Ada, 10:00 a.m.
May 25, 2022	Clearwater River 1W1P, Policy Committee Meeting, 9:00 a.m.
May 26, 2022	RLWD Board Meeting, 9:00 a.m.
May 30, 2022	Memorial Day-Office Closed
June 6, 2022	Thief River 1W1P, Policy Committee Meeting, 9:00 a.m.
August 23-25, 2022	MAWD/Red River Basin/BWSR Tour

DRAFT

RED LAKE WATERSHED DISTRICT
Board of Manager's Minutes
April 28, 2022

President, Dale M. Nelson, called the meeting to order at 9:00 a.m. at the Red Lake Watershed District Office, Thief River Falls, MN.

Present: Managers: Dale M. Nelson, Gene Tiedemann, Terry Sorenson, Allan Page, Brian Dwight, and Tom Anderson. Absent: LeRoy Ose. Staff Present: Tammy Audette and Legal Counsel, Delray Sparby.

The Board reviewed the agenda. A motion was made by Tiedemann, seconded by Anderson, and passed by unanimous vote that the Board approve the agenda as presented. Motion carried.

The Board reviewed the April 14, 2022, minutes. Motion by Tiedemann, seconded by Sorenson, to approve the April 14, 2022, Board meeting minutes as presented. Motion carried.

The Board reviewed the Financial Report dated April 27, 2022. Motion by Sorenson, seconded by Anderson, to approve the Financial Report dated April 27, 2022, as presented. Motion carried.

Staff member Ann Joppru reviewed the District's health insurance plans, premiums, and deductibles. Currently the District pays \$500.00 towards the staff members single policy per month and \$1,250.00 for family coverage per month. After considerable discussion by the Board, motion by Sorenson, seconded by Page, for the District to pay 90% of the of the single and family coverage health insurance plans for District employees, effective immediately. Motion carried. Joppru noted that new rates for 2023 will be available in August, with open enrollment period from October to December, 2022.

Staff member Tammy Audette stated that Administrator Jesme has had discussions with renter Nick Knott, regarding the option of renting the agricultural land within the Black River Impoundment, RLWD Project No. 176, or the potential of enrolling the property into a CRP program. Jesme will report back to the Board with further information.

The Board reviewed a letter from Andrew Graham, Red River Basin Coordinator on behalf of the Flood Damage Reduction Work Group regarding funding of project assessment monitoring for projects developed through the 1998 Mediation Agreement. Motion by Dwight, seconded by Tiedemann, to send a letter of support for funding of project assessment monitoring. Motion carried.

The Board reviewed correspondence from the Red River Retention Authority regarding talking points for the Red River Basin Water Storage and Flood Control concerns.

Correspondence was received from Marshall County regarding the potential eligibility for federal or state disaster declaration for damages relating to the 2022 high rainfall and spring

flooding. Staff member Tammy Audette stated that Beltrami County contacted the District regarding potential disaster declaration also.

Gates on all District impoundments were closed during the recent rain events. Gates on the Schirrick Dam, RLWD Project No. 25, were closed on April 24, at 1:00 p.m. District staff opened one gate two feet on April 26th as the pool had filled up and was in jeopardy of going over the emergency spillway. It was noted that downstream conditions allowed for opening of the gate. Manager Page discussed operation of the structure and potential of purchasing a hydraulic pump to operate the gates. Motion by Tiedemann, seconded by Page, to authorize staff to look into the costs for the purchase of a hydraulic pump, and bring the information back to the Board. Motion carried.

The Board reviewed the permit for approval. Motion by Page, seconded by Anderson, to approve RLWD Permit No. 22-024, Louisville Township, Red Lake County, with conditions stated on the permit. Motion carried.

Staff member Ann Joppru stated that it has been 15 years since the office was built, therefore painting of the office would be recommended. The Board directed Joppru to obtain quotes of both paint and labor and report back to the Board. It was the consensus of the Board, to remove the projector and screen, as they are no longer in use, prior to any painting.

The Board reviewed various handouts from Administrator Jesme that will be further discussed at the next Board meeting held May 12, 2022.

Legal Counsel Sparby discussed the Motion Hearing held for the Improvement to Polk County Ditch 39, RLWD Project No. 179. Sparby indicated that the judge has 60-days to decide.

Engineer Tony Nordby, Houston Engineering, Inc. discussed two possibly three culverts washed out on the diversion ditches of the Black River Impoundment, RLWD Project No. 176. Nordby stated that he will wait for conditions to improve before a full inspection is completed. Nordby indicated that the impoundment is filling up but should be able to handle the predicted rain event the area is forecasted to receive this coming weekend.

Engineer Dillion Nelson, HDR Engineering, Inc. stated that the Pine Lake area received a 100-year, 10-day rain event. Discussion was held on the upstream water that the lake received and impact on the local cabin owners. The District hired a contractor to physically remove the plywood boards in the structure to allow for water to be drawn down.

President Nelson stated that he was very pleased with the operation of the Thief River Falls Westside Flood Damage Reduction Project, RLWD Project No. 178, in how the local business saw a lot of water, which was gone within 24 hours. Discussion was held on the erosion that occurred when a local landowner completed some fall ditching. Repairs will need to be made in those areas.

Manager Sorenson discussed two large blowouts upstream of the Pine Lake Project.

The draft Plan for the Clearwater River 1W1P was completed and approved by the Policy Committee for a 30-day internal review. The plan will then be reviewed again by Policy Committee for approval of all LGU's. Part of the plan will include language for a Water Management District in various watersheds. Language will be like what we did in the Thief River Watershed 1W1P.

Motion by Dwight, seconded by Sorenson, to adjourn the meeting. Motion carried.

LeRoy Ose, Secretary

RED LAKE WATERSHED DISTRICT
Financial Report for May 12, 2022

Ck#	Check Issued to:	Description	Amount
online	EFTPS	Withholding FICA, Fed & Medicare (4-27-22) payroll)	3892.55
online	MN Department of Revenue	Withholding taxes (4-27-22 payroll)	683.73
online	Public Employees Retirement Assn.	PERA (4-27-22 payroll)	2517.17
online	MN Department of Revenue	Withholding taxes (4-20-22 payroll)	27.89
online	EFTPS	Withholding FICA, Fed & Medicare (5-4-22) payroll)	392.22
online	MN Department of Revenue	Withholding taxes (5-4-22 payroll)	87.93
online	Public Employees Retirement Assn.	PERA (5-11-22 payroll)	2723.64
online	Further	Employee HSA (5-11-22 payroll)	175.00
40147	Aramark	Office rug rental	53.73
40148	Brady Martz	Accounting assistance thru 4/30/22	3500.00
40149	Brault Construction LLC	Clean snow out of ditch for Proj #60C, #117, #169	4332.00
40150	Farmers Union Oil	Gas for vehicles	1010.75
40151	HDR Engineering Inc.	Engineering fees for Project #32 & Project #26B	3607.70
40152	Houston Engineering Inc.	Software Subscription & Service Proj #167A	4000.00
40153	Hugo's #7	Meeting supplies	178.66
40154	Les's Sanitation	Garbage pickup	35.74
40155	Mahnomen Pioneer	Ad's for Ditch Inspector	62.15
40156	Marco	Copier expense	137.96
40157	MN Energy	Heating expense	32.02
40158	Northdale Oil Inc.	Gas for vehicles	136.21
40159	Oil Boyz Express Lube	Oil change for vehicle #933	80.34
40160	Olson Construction	Snow removal - April	160.00
40161	Pennington SWCD	April billings for Proj #149A and #149	1756.23
40162	Quality Spray Foam	Construction on Proj #161, 25 and 26B	8835.00
40163	Quill	Office supplies	229.94
40164	Rinke Noonan	Legal fees for Proj #179 - April	9659.00
40165	Tammy Sandness	Cleaning office	240.00
40166	TRF Times	Ad's for Ditch Inspector	265.70
40167	Warren Sheaf Publishing	Ad's for Ditch Inspector	94.50
online	Garden Valley	Internet expense	68.95
online	MN UI Tax	Unemployment benefits	1490.00
online	Northwest Service Coop	Health insurance premium	2442.35
online	Delta Dental	Dental insurance premium	685.00
online	Aflac	Staff paid insurance	381.78
online	City of Thief River Falls	Utilities	618.86
direct	Al Page	Mileage	140.99
direct	Terry Sorenson	Mileage	284.33
direct	Brian Dwight	Mileage	429.39
direct	Loren Sanderson	Mileage	46.80
direct	Myron Jesme	Mileage	40.96
	Staff & Board Payroll	5/4/22 & 5/11/22	18198.04
	Total Checks		73735.21

Banking

Northern State Bank

Balance as of April 28, 2022	\$	118,139.88
Total Checks Written		(73,735.21)
Receipt #224116	Northern State bank monthly interest	26.54
Receipt #224118	MPCA Project #168A	970.23
Receipt #224119	MPCA Project #46R	926.25
Balance as of May 12, 2022	\$	<u>46,327.69</u>
Current interest rate is .20%		

American Federal Bank-Fosston

Balance as of April 28, 2022	\$	3,984,871.08
Receipt #224114	Clearwater SWCD Proj #149B	\$ 2,208.23
Receipt #224115	Loren Sanderson - April Dental Prem	\$ 56.95
Receipt #224117	American Federal bank monthly interest	\$ 1,602.29
Receipt #224120	NW MN Service Cooperative - Wellness program	\$ 30.00
Balance as of May 12, 2022	\$	<u>3,988,768.55</u>
Current interest rate is .50%		

Total Cash \$ 4,035,096.24











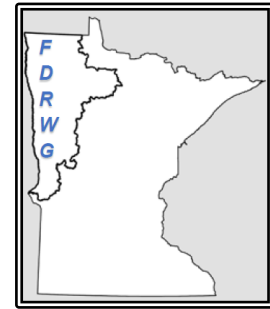




FLOOD DAMAGE REDUCTION WORK GROUP

Memo

To: FDRWG Monitoring Committee
From: Andrew Graham, Red River Basin Coordinator
Date: November 23, 2021
Subject: LCCMR Funding Opportunity



Background

This memo builds on a prior memo from July 2021 that addressed funding of project assessment monitoring for projects developed under the 1998 Mediation Agreement. The prior memo discussed ten potential sources of funding and/or in-kind services to meet this need. **This memo focuses on one of these: The Legislative-Citizen Commission on Minnesota Resources (LCCMR).** The other funding sources also remain under active consideration, and a combination of funding sources may ultimately be required.

Based on review of materials from the prior LCCMR award cycle and a conversation with the LCCMR Executive Director, this funding source appears to be well matched with the Monitoring Committee's vision for project-by-project assessment monitoring to: a) adaptively manage projects to achieve their intended outcomes; and b) learn from each project so that future projects can be designed for maximum effectiveness. **This memo outlines how the FDRWG could proceed in applying for LCCMR funds in either 2022 or 2023.**

Funding Cycle Timing and Criteria

The LCCMR's annual funding cycle is coming up with a Request for Proposals (RFP) expected in January 2022 and proposals due in April 2022. If an award is made by LCCMR and approved by the Legislature in the 2023 Session, funding would become available beginning in July 2023. Communication with the LCCMR's Executive Director indicates that the funding award could be spent over a five-year period as long as the application provides good justification.

The LCCMR's 2021 RFP listed seven criteria. Four of the criteria appear particularly well suited to assessment monitoring of projects developed under the Mediation Agreement:

A: Foundational Natural Resource Data and Information

B: Water Resources

D: Aquatic and Terrestrial Invasive Species

F: Methods to Protect or Restore Land, Water and Habitat

Full descriptions of the criteria can be found in the RFP document issued by LCCMR. It's possible these may change for the upcoming funding cycle, however the Executive Director noted that the RFP has been similar in each of the past several cycles. To be successful, the proposal should focus on Natural Resource Enhancements (NREs).

FLOOD DAMAGE REDUCTION WORK GROUP

Potential Approach for Seeking LCCMR FUNDS

Four tasks are suggested (subject to discussion):

1. Develop Project-Specific Monitoring Plans
2. Monitor Existing Project Sites
3. Monitoring Upcoming Project Sites
4. Share Results Regionally and Statewide

Task 1 would utilize the Monitoring Committee's recently-developed flow-chart and worksheet to assist approximately three Project Teams develop site-specific monitoring plans for projects currently under development. Task 1 would also involve working with Watershed Districts to do the same for three projects constructed previously. Thus, the project overall would cover six projects. One year is suggested to complete Task 1. It would be most effective in the context of the LCCMR application if the projects were selected to address challenges that occur at many sites across the RRB, as well as the project-specific objectives.

Task 2 would apply the monitoring plans from Task 1 to previously constructed projects. The FDRWG would need to work closely with watershed districts to select the most appropriate sites. For example: Roseau River WMA, Manston Slough, North Ottawa Impoundment, Brandt Impoundment, and others.

Task 3 would do the same for projects that are currently under development. For example: JD 19/Nelson Slough, Redpath, Klondike, Roseau Lake and others. This would likely include including pre-construction monitoring to establish baseline data. The FDRWG cannot guarantee that the projects currently under development will be constructed soon enough to enable post-construction monitoring during the five-year funding window. It may be necessary to include a plan to secure additional funding in subsequent years to address this situation.

Task 4 would come near the end of the five-year funding period and could be accomplished with a Symposium-type event. The intent would be to for the participants to present methods, data, and findings in order to promote discussion and dissemination for other projects, both within and outside the RRB. Involving university researchers in the symposium and/or the entire effort may improve the attractiveness of the proposal to the LCCMR.

Funding Amount

The amount of the request has not yet been determined, but **could be on the order of \$1M to 2.5M to be used over a five-year period (\$200k to \$500K per year)**. The cost of implementing the monitoring plans will not be known until Task 1 has been completed. **One option would be to delay the application until the 2023 cycle**, in order to complete Task 1 using existing funds and in-kind services. In this case, the application to LCCMR would be much better defined. Or, we could commit to completing Task 1 without LCCMR funding prior to the 2023 Legislative Session, in order to avoid the one-year delay.

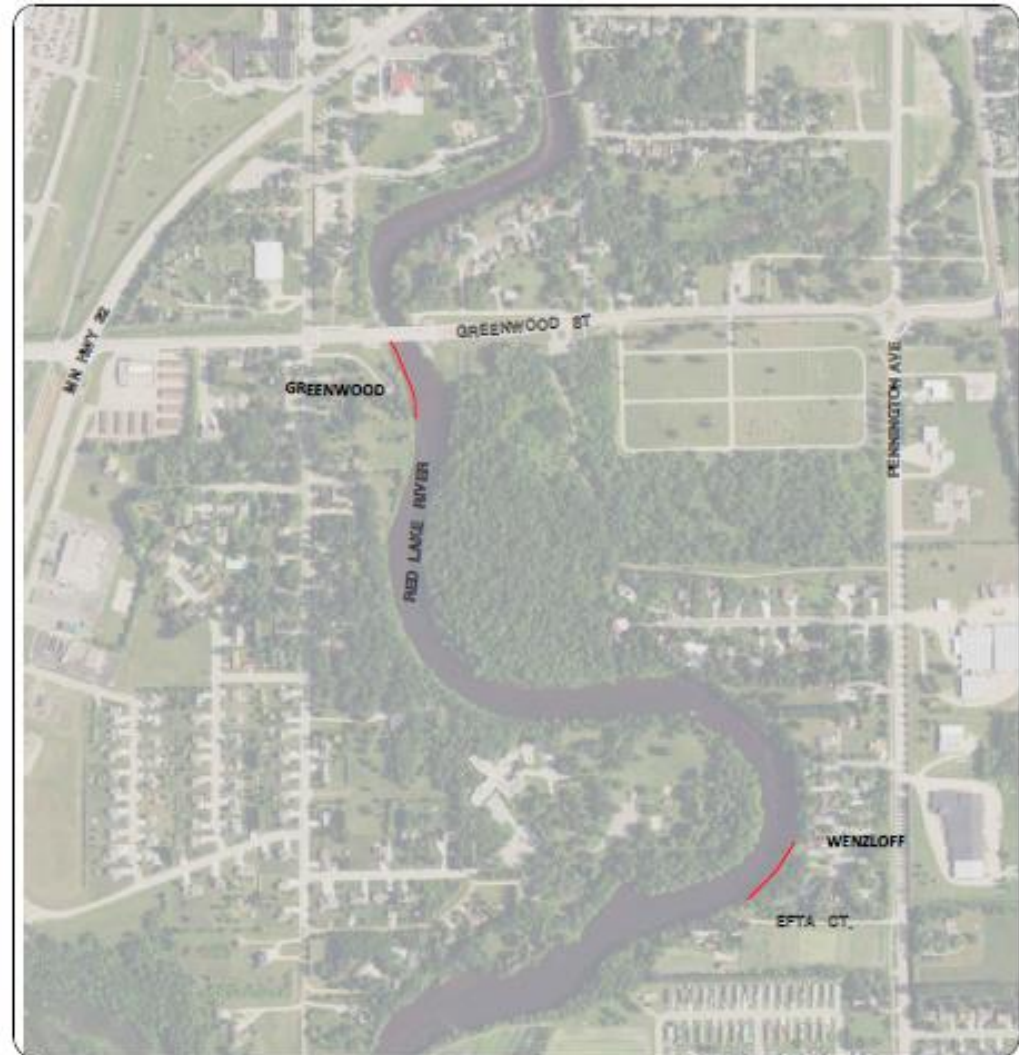
Matching funds are not required for an LCCMR award, but committing some level of match (e.g. 10 to 25 percent?) may improve the chances of receiving an award. The FDRWG has direct access to its appropriation from the State Legislature in the amount of \$264,000 in 2022 and again in 2023. In-kind services from participating organizations could provide additional match. Projects developed by RRWMB members that include water quality purposes may have access to RRWMB's water quality program funding.

City of Thief River Falls Streambank Protection Projects: Greenwood St. Bridge and Wenzlaff

PROJECT LOCATIONS



VICINITY MAP



LOCATION MAP

Justification

A channel restoration stabilization assessment was performed for a riverbank on the Thief River within the City limits of Thief River Falls. The purpose of this assessment was to estimate the costs and benefits (Sediment and total phosphorus [TP] reduction) that would result from stabilizing the site. It is important to note that stabilizing this site would also protect a number of homes on top of the banks and reduce sediment in the Red Lake River. The results of the assessment are summarized in this communique.

Wenzloff Bank Site on the Red Lake River



Summary of Results

The sediment and TP reductions were estimated using the BWSR pollution Reduction Estimator. A conceptual cost was estimating using professional judgment. A full cost estimate would still be needed to implement the restoration project. This estimate is intended to be sufficient to move the project towards implementation.

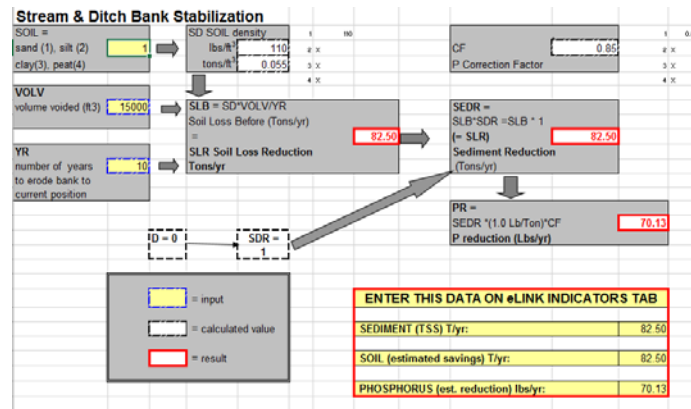
Results

Results	
TSS Reduction (T/yr)	82.50
TP Reduction (lbs/yr)	70.13
Cost	\$140,160

Cost-Effectiveness

Tss (\$/T/yr)	\$1,699
TP (\$/lbs/yr)	\$1,999

Sediment and Total Phosphorus Estimate



Cost Estimate

Item	Item Description	Unit	Qty.	Unit Price	Cost
Toe Protection/Live Staking Flood Bench	Mobilization	Lump Sum	1	\$20,000	\$20,000
	Clearing	ACRE	0.2	\$20,000	\$4,000
	Common	CU YD	100	\$20	\$2,000
	Excavation/Grading	CU YD	60	\$100	\$6,000
	Riprap Class VI Toe Protection	CU YD	20	\$25	\$500
	Seeding	Pounds	20	\$20	\$400
	Live Stakes, Willow, 2:1 Riprap slope (Joint Planting)	Each	200	\$12	\$2,400
	Hydraulic Soil Stabilizer	Pounds	250	\$2	\$500
	Bendway Weirs				
	Riprap Class V Bendway Weir (3x 40' length)	CU YD	450	\$180	\$81,000
Sub Total Construction					\$116,800
40% Contingency					\$23,360
Total Construction Cost					\$140,160

Assumptions

Project consist of:

- Installing 3 Bendway Weirs (40' long, 10' high, and 20' bottom width with a side slope of 1:1)
- Installing riprap toe protection with live stake plants for 100' of riverbank at 20' width
- Regrading, plant seed and live stakes along eroding bank above toe protection

Assume Class VI riprap for bank protection

Assume Class V for weirs

Assume 40% Contingency to account for conceptual cost estimate

Justification

A channel restoration stabilization assessment was performed for a riverbank on the Thief River within the City limits of Thief River Falls adjacent to Greenwood Avenue. The purpose of this assessment was to estimate the costs and benefits (Sediment and total phosphorus [TP] reduction) that would result from stabilizing the site. It is important to note that stabilizing this site would also protect a force main immediately behind the eroding bank, making it a higher priority for stabilization. The results of the assessment are summarized in this communique.

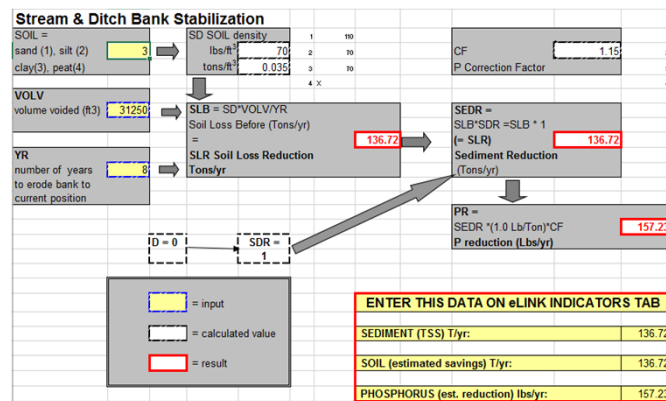
Greenwood Ave. Bank Site on the Thief River



Summary of Results

The sediment and TP reductions were estimated using the BWSR pollution Reduction Estimator. A conceptual cost was estimating using professional judgment. A full cost estimate would still be needed to implement the restoration project. This estimate is intended to be sufficient to move the project towards implementation.

Sediment and Total Phosphorus Estimate



Cost Estimate

Item	Item Description	Unit	Quantity	Unit Price	Cost
Extending Bridge Curtain	Mobilization	Lump Sum	1	\$10,000	\$10,000
	Clearing	ACRE	0.1	\$20,000	\$2,000
	Common Excavation/Grading	CU YD	150	\$20	\$3,000
	Riprap Class IV	CU YD	150	\$100	\$15,000
	Granulated Filter	CU YD	75	\$25	\$1,875
Toe Protection/Live Staking Flood Bench	Seeding	Pounds	25	\$20	\$500
	Clearing	ACRE	0.1	\$20,000	\$2,000
	Common Excavation/Grading	CU YD	150	\$20	\$3,000
	Riprap Class VI Toe Protection	CU YD	60	\$100	\$6,000
	Granulated Filter	CU YD	20	\$25	\$500
Bendway Weirs	Seeding	Pounds	20	\$20	\$400
	Live Stakes, Willow, 2:1	Each	200	\$12	\$2,400
	Riprap slope (Joint Planting)	Pounds	250	\$2	\$500
	Hydraulic Soil Stabilizer	Pounds	250	\$2	\$500
	Riprap Class V Bendway Weir	CU YD	300	\$180	\$54,000
Sub Total Construction				\$	\$101,175
20% Contingency				\$	\$20,235
Total Construction Cost				\$	\$121,410

Optional				
Bank setback of 10'				
Clearing	ACRE	0.1	\$20,000	\$2,000
Haul and Dispose of excess soil offsite	CU YD	900	\$20.00	\$18,000
Seeding	Pounds	20	\$20	\$400
Hydraulic Soil Stabilizer	Pounds	250	\$2	\$500
Additional Subtotal				\$20,900
Engineering of Project				
Engineering	Per Hour	125	\$150.00	\$18,750
Additional Subtotal				\$18,750

Assumptions	
Project consist of:	
Extending bridge protection 70 feet of river bank downstream to edge of fence on top.	
Installing 3 Bendway Weirs (10' long, 10' high, and 20' bottom width with a side slope of 1:1).	
Installing riprap toe protection with live stake plants for 90' of riverbank at 18' width	
Regrading, plant seed and live stakes along eroding bank above toe protection	
Assume Class VI riprap for bank protection	
Assume Class V for weirs	
Assume 20% Contingency to account for rough estimates of materials	

Results

Results	
TSS Reduction (T/yr)	137
TP Reduction (lbs/yr)	157
Cost	\$161,060

Cost-Effectiveness	
TSS (\$/T/yr)	\$1,176
TP (\$/lbs/yr)	\$1,026

Prior to 1947 townships had authority to establish and construct drainage systems. Minn. Stat. Chap. 109 (1945). All but one section of Chapter 109 was repealed in 1947 in conjunction with a major redrafting and reorganization of the drainage code, then chapter 106. What was retained was the authority for townships to continue to inspect and maintain township ditches in section 109.38. This was the only surviving section of town ditch law until 1985 when it was incorporated into the drainage code. This authority is currently found in section 103E.701, subd. 3. There is nothing more in the drainage code or watershed law regarding transferring jurisdiction over a township ditch to either a watershed district or county.

Various amendments to chapters 103E and 103D have forgotten the existence of township ditches. Chapter 103E does not include them in the definition of drainage authority so it is questionable whether section 103E.812 could be used to transfer jurisdiction from the township to another entity. Similarly, section 103D.625 does not address town ditches in the transfer process.

I believe a process could be constructed which satisfies due process requirements to transfer the jurisdiction of a town ditch to either a county or watershed district. We would need to develop that process and determine what risks are associated with an action that is not expressly set forth in statute. I would start with the general authority of a watershed district under section 103D.335 to:

Subd. 7. Cooperation with other entities.

The managers may cooperate or contract with any state or subdivision of a state or federal agency, private corporation, political subdivision, or cooperative association.

Subd. 8. Ditch and watercourse work.

The managers may construct, clean, repair, alter, abandon, consolidate, reclaim, or change the course or terminus of any public ditch, drain, sewer, river, watercourse, natural or artificial, within the watershed district.

There may also be the possibility of styling the transfer of a town ditch as a watershed project. Let me know if we may be of any assistance to the District as it considers options related to the management of existing town ditches.

JCK

John C. Kolb
Attorney

RINKE NOONAN
Suite 300, US Bank Plaza
P.O. Box 1497
St. Cloud, MN 56302
(320) 656-3503 Direct
(320) 656-3500 Fax











Permit # **22-019**Status Report: **Approved****Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Randy Lee		20711 310th Street SE Erskine, MN 56535		tel: 218-289-5587 mobile: fax:

General Information

(1) The proposed project is a:

Tiling

(2) Legal Description

(3) County: **Polk** Township: **Badger** Range: **42** Section: **18 1/4: N1/2 NE1/4**(4) Describe in detail the work to be performed. **Install pattern tile with lift station/pump.**(5) Why is this work necessary? Explain water related issue/problem being solved. **Improved drainage.****Status**

Status	Notes	Date
Approved	Polk County – Badger Township – Section 18 The Red Lake Watershed District (RLWD) approves the pattern tile project with a 'pumped' outlet. If any work is within a public road and/or public ditch Right-of-Way, applicant shall contact the appropriate road/ditch authority for their approval and must meet their specs/conditions. Permit Holder shall contact the road authorities when cutting through roads. Directly downstream of the tile and/or pump station(s) outlets, applicant shall ensure that adequate grade and drainage is provided. Prior to any work, we also recommend that you contact your local Soil and Water Conservation District (SWCD) office to inquire about possible wetland concerns. Applicant shall install appropriate erosion control measures for energy dissipation at the tile outlet. Applicant shall ensure that the tile outlet is visibly marked. Any damage caused by future ditch maintenance is the responsibility of the landowner. ■ Note: At the May 3, 2022, Polk Co. Commissioners meeting, a hearing was held and approval was granted to add the 40 acre parcel to the CD #111 benefitted area. ■ Note: Please be aware of and review the 'bullet points' on the bottom half of the application. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166)	May 9, 2022
Tabled	I recommend this permit be "Tabled" until after the proposed land has been included into the benefitted area of Polk County Ditch 111. N.J.O.	April 8, 2022
Received		March 23, 2022

Conditions

NOTE: This permit does not relieve the applicant of any requirements for other permits which may be necessary from Township, County, State, or Federal Government Agencies.

Permit # **22-018**Status Report: **Approved****Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
	Red Lake County Highway Department	204 7th Street SE Red Lake Falls, MN 56750		tel:218-253-2697 mobile: fax:

General Information

(1) The proposed project is a:

Culvert Installation / Removal / Modification

(2) Legal Description

(3) County: **Red Lake** Township: **Louisville** Range: **48** Section: **21 1/4**:(4) Describe in detail the work to be performed. **Place 2 - 18" x 25" CSP culverts to ensure drainage of new roadway.**(5) Why is this work necessary? Explain water related issue/problem being solved. **To achieve drainage of new roadway****Status**

Status	Notes	Date
Approved		May 9, 2022
Received	None	March 14, 2022

Conditions

P.A. #22-018 – Louisville Township Red Lake County – Louisville Township – Section 21/22 Red Lake Watershed District (RLWD) approval to install 2 18" culverts for a new roadway. Applicant shall ensure that all disturbed areas are seeded and that rock riprap with filter fabric is placed at the outlet end of the permitted culvert. ■ Note: Please be aware of and review the 'bullet points' on the bottom half of the application. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166)

NOTE: This permit does not relieve the applicant of any requirements for other permits which may be necessary from Township, County, State, or Federal Government Agencies.

Permit # **22-020**Status Report: **Approved****Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
	Gervais Township	21259 165th Avenue SE Red Lake Falls, MN 56750		tel: mobile: 218-689-3441 fax:

General Information

(1) The proposed project is a:

Culvert Installation / Removal / Modification

(2) Legal Description

(3) County: **Red Lake** Township: **Gervais** Range: **43** Section: **10 1/4: SE1/4**(4) Describe in detail the work to be performed. **Remove centerline culvert (will not replace). Water will drain to the south on the east side of the township road.**(5) Why is this work necessary? Explain water related issue/problem being solved. **Culvert is rusted out and caved in. Water is able to run south along township road.****Status**

Status	Notes	Date
Approved		April 28, 2022
Received	None	March 28, 2022

Conditions

****Revised Permit Description from Removal to Replacement per Al St. Marie on 4-28-2022** Red Lake County – Gervais Township – Section 10/11 Red Lake Watershed District (RLWD) approval to replace existing 24” CMP culvert and replace it with a 24” CMP culvert. Spoke to Al St. Marie about revising permit #22-020 from removal to replacement on 4-28-2022 Applicant shall ensure that all disturbed areas are seeded and that rock riprap with filter fabric is placed at the outlet end of the permitted culvert. ■ Note: Please be aware of and review the ‘bullet points’ on the bottom half of the application. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166)**

NOTE: This permit does not relieve the applicant of any requirements for other permits which may be necessary from Township, County, State, or Federal Government Agencies.



Permit # 22-029

Status Report: **Approved****Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Clearwater County Highway Department	Clearwater County Highway Department	113 7th Street NE Bagley, MN 56621		tel: 218-694-1308 mobile: fax:

General Information

(1) The proposed project is a:

Culvert Installation / Removal / Modification

(2) Legal Description

(3) County: **Clearwater** Township: **Holst** Range: **38** Section: **20** 1/4: **E1/2 NE1/4**(4) Describe in detail the work to be performed. **Remove in-place 24" CMP culvert with stand pipe and install 2 -24" RCP and repair in-slope with fill material and riprap.**(5) Why is this work necessary? Explain water related issue/problem being solved. **Stand pipe failed and drained down mitigation pond to less than originally planned. Will replace pipe with 2 culverts to insure that one is always open as beavers are a major problem in the pond. The pipes will be set at an elevation predetermined by the Corps and county to achieve the desired depth.****Status**

Status	Notes	Date
Approved	None	May 4, 2022
Received	None	March 24, 2022

Conditions

Clearwater County – Holst Township – Section 20 Red Lake Watershed District (RLWD) approval to remove a 24" culvert with standpipe and install two 24" culverts. If any work is within a public road and/or public ditch Right-of-Way, applicant shall contact the appropriate road/ditch authority for their approval and must meet their specs/conditions. Permit Holder shall contact the road authorities when cutting through roads. Applicant shall install appropriate erosion control measures for energy dissipation at the tile outlet. ■ Note: Please be aware of and review the 'bullet points' on the bottom half of the application. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166)

NOTE: This permit does not relieve the applicant of any requirements for other permits which may be necessary from Township, County, State, or Federal Government Agencies.

Permit # **22-031**Status Report: **Approved****Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Brandsvold Township	Brandsvold Township	Box 238 Fosston, MN 56542		tel: mobile: fax:

General Information

(1) The proposed project is a:

Culvert Installation / Removal / Modification

(2) Legal Description

(3) County: **Polk** Township: **Brandsvold** Range: **40** Section: **12 1/4: NE1/4**(4) Describe in detail the work to be performed. **Work is within County Ditch 23. Replace CMP. Road collapsed in culvert area. Estimate culvert size.**(5) Why is this work necessary? Explain water related issue/problem being solved. **Road caved in. Probably rusted culvert.****Status**

Status	Notes	Date
Approved		April 28, 2022
Received	None	April 18, 2022

Conditions

P.A. #22-031 – Brandsvold Twp./Mike Affeldt Polk County – Brandsvold Township – Section 12 Red Lake Watershed District (RLWD) approval to remove and install a 36" culvert. If any work is within a public road and/or public ditch Right-of-Way, applicant shall contact the appropriate road/ditch authority for their approval and must meet their specs/conditions. Permit Holder shall contact the road authorities when cutting through roads. Applicant shall install appropriate erosion control measures for energy dissipation at the tile outlet. ■ Note: Please be aware of and review the 'bullet points' on the bottom half of the application. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166)

NOTE: This permit does not relieve the applicant of any requirements for other permits which may be necessary from Township, County, State, or Federal Government Agencies.

Permit # **22-032**Status Report: **Approved****Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Brandsvold Township	Brandsvold Township	Box 238 Fosston, MN 56542		tel: mobile: 218-280-4662 fax:

General Information

(1) The proposed project is a:

Culvert Installation / Removal / Modification

(2) Legal Description

(3) County: **Polk** Township: **Brandsvold** Range: **40** Section: **12 1/4: NW1/4**(4) Describe in detail the work to be performed. **RLWD to size culvert for application. Work is within County Ditch 23**(5) Why is this work necessary? Explain water related issue/problem being solved. **Replace east culvert on 370th Avenue SE.****Status**

Status	Notes	Date
Approved		April 28, 2022
Received	None	April 18, 2022

Conditions

P.A. #22-032 – Brandsvold Twp./Mike Affeldt Polk County – Brandsvold Township – Section 11/12 Red Lake Watershed District (RLWD) approval to remove a 36" and 42" culvert and install a recommended 84" culvert. If any work is within a public road and/or public ditch Right-of-Way, applicant shall contact the appropriate road/ditch authority for their approval and must meet their specs/conditions. Permit Holder shall contact the road authorities when cutting through roads. Applicant shall install appropriate erosion control measures for energy dissipation at the tile outlet. ■ Note: Please be aware of and review the 'bullet points' on the bottom half of the application. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166)

NOTE: This permit does not relieve the applicant of any requirements for other permits which may be necessary from Township, County, State, or Federal Government Agencies.

Permit # **22-033**Status Report: **Approved****Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Charles Carlson	Ryan Wilde	23223 Center Street E Thief River Falls, MN 56701		tel: mobile: 218-689-0844 fax:

General Information

(1) The proposed project is a:

Culvert Installation / Removal / Modification

(2) Legal Description

(3) County: **Pennington** Township: **Wyandotte** Range: **42** Section: **1 1/4: NE1/4**(4) Describe in detail the work to be performed. **Relocate existing culvert.**

(5) Why is this work necessary? Explain water related issue/problem being solved.

Status

Status	Notes	Date
Approved	Pennington County – Wyandotte Township – Section 1 Red Lake Watershed District (RLWD) approval to install a recommended 18" culvert. If any work is within a public road and/or public ditch Right-of-Way, applicant shall contact the appropriate road/ditch authority for their approval and must meet their specs/conditions. Permit Holder shall contact the road authorities when cutting through roads. Applicant shall install appropriate erosion control measures for energy dissipation at the tile outlet. ■ Note: Please be aware of and review the 'bullet points' on the bottom half of the application. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) T.O.	May 9, 2022
Received	None	April 18, 2022

Conditions

NOTE: This permit does not relieve the applicant of any requirements for other permits which may be necessary from Township, County, State, or Federal Government Agencies.

Permit # **22-034**Status Report: **Approved****Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Sheldon Matson		30095 330th Avenue SE Fosston, MN 56542		tel:218-435-1032 mobile: fax:

General Information

(1) The proposed project is a:

Channel Stabilization or Restoration, Erosion Control, and Other Water Related Facilities

(2) Legal Description

(3) County: **Polk Township: Brandsvold Range: 40 Section: 22 1/4:**(4) Describe in detail the work to be performed. **Install erosion control structures in accordance with NRCS Plan.**(5) Why is this work necessary? Explain water related issue/problem being solved. **Gully erosion is present.****Status**

Status	Notes	Date
Approved		May 4, 2022
Received	None	April 18, 2022

Conditions

P.A. #22-034 – Sheldon Matson Polk County – Brandsvold Township – Section 22 Red Lake Watershed District (RLWD) approval to install erosion control structures in accordance with NRCS plan. If any work is within a public road and/or public ditch Right-of-Way, applicant shall contact the appropriate road/ditch authority for their approval and must meet their specs/conditions. Permit Holder shall contact the road authorities when cutting through roads. Applicant shall install appropriate erosion control measures for energy dissipation at the tile outlet. ■ Note: Please be aware of and review the ‘bullet points’ on the bottom half of the application. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166)

NOTE: This permit does not relieve the applicant of any requirements for other permits which may be necessary from Township, County, State, or Federal Government Agencies.

Permit # **22-036**Status Report: **Approved****Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Gabrael Kluver		41682 250th Avenue NW Strandquist, None 56758		tel: mobile: 218-689-7561 fax:

General Information

(1) The proposed project is a:

Culvert Installation / Removal / Modification

(2) Legal Description

(3) County: **Pennington** Township: **Smiley** Range: **42** Section: **9 1/4**: **SW1/4 SE1/4**(4) Describe in detail the work to be performed. **Install culvert/driveway. RLWD will determine culvert size.**(5) Why is this work necessary? Explain water related issue/problem being solved. **Access to new building site.****Status**

Status	Notes	Date
Approved	Pennington County – Smiley Township – Section 9 Red Lake Watershed District (RLWD) approval to install a recommended 18" culvert If any work is within a public road and/or public ditch Right-of-Way, applicant shall contact the appropriate road/ditch authority for their approval and must meet their specs/conditions. Permit Holder shall contact the road authorities when cutting through roads. Applicant shall install appropriate erosion control measures for energy dissipation at the tile outlet. ■ Note: Please be aware of and review the 'bullet points' on the bottom half of the application. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) T.O.	May 9, 2022
Received	None	April 28, 2022

Conditions

NOTE: This permit does not relieve the applicant of any requirements for other permits which may be necessary from Township, County, State, or Federal Government Agencies.

Permit # **22-037**Status Report: **Approved****Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Red Lake Co. Hwy Dept.	Red Lake County Highway Department	204 7th Street SE Red Lake Falls, MN 56750		tel: 218-253-2697 mobile: fax:

General Information

(1) The proposed project is a:

Surface Drainage (New Ditch or Improvement)
Culvert Installation / Removal / Modification
Dike / Levee

(2) Legal Description

(3) County: **Red Lake** Township: **Louisville** Range: **45** Section: **33 1/4: NW**(4) Describe in detail the work to be performed. **Deepen ditch and build dike on backslope, install culvert to prevent erosion.**(5) Why is this work necessary? Explain water related issue/problem being solved. **There is not much separation and water flows off field and washes out road.****Status**

Status	Notes	Date
Approved	P.A. #22-037 – Red Lake County Highway Dept. Red Lake County – Louisville Township – Section 33 Section 28 - Red Lake Watershed District (RLWD) approval to install a recommended 18" culvert and clean the road ditch/berm, as per Louisville Township; proposed work is within Township Road Right-of-Way. All excavation shall be consistent with the existing road and ditch slopes and there shall be no vertical excavation faces. Current flow patterns shall remain "as-is" and there shall be no additional drainage area or flows from the adjacent agriculture land routed to the ditch that was cleaned. Applicant shall ensure that all disturbed areas are seeded and that consideration for rock riprap with filter fabric is placed at the outlet end of the permitted culvert. ■ Note: Please be aware of and review the 'bullet points' on the bottom half of the application. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) T.O./L.S.	May 9, 2022
Received	None	April 26, 2022

Conditions

NOTE: This permit does not relieve the applicant of any requirements for other permits which may be necessary from Township, County, State, or Federal Government Agencies.

Permit # **22-039**Status Report: **Approved****Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Red Lake Co. Hwy Dept	Red Lake County Highway Department	Red Lake Falls, MN 56750		tel:218-253-2697 mobile: fax:

General Information

(1) The proposed project is a:

Culvert Installation / Removal / Modification

(2) Legal Description

(3) County: **Red Lake** Township: **Browns Creek** Range: **44** Section: **25 1/4**: **SW1/4**(4) Describe in detail the work to be performed. **Replace existing culvert**(5) Why is this work necessary? Explain water related issue/problem being solved. **Culvert washed out and rusted out.****Status**

Status	Notes	Date
Approved	Red Lake County – Browns Creek Township – Section 25 Red Lake Watershed District (RLWD) approval to remove a 48" culvert and install a recommended 48" C/L Co. Rd. #106 Install new pipe (as close as possible) to the same flowline/invert elev. as existing pipe. If any work is within a public road and/or public ditch Right-of-Way, applicant shall contact the appropriate road/ditch authority for their approval and must meet their specs/conditions. Permit Holder shall contact the road authorities when cutting through roads. Applicant shall install appropriate erosion control measures for energy dissipation at the tile outlet. ■ Note: Please be aware of and review the 'bullet points' on the bottom half of the application. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) T.O./L.S.	May 9, 2022
Received	None	May 2, 2022

Conditions

NOTE: This permit does not relieve the applicant of any requirements for other permits which may be necessary from Township, County, State, or Federal Government Agencies.



Preview Order 1210 - X1E - 4x4 SuperCab : Order Summary Time of Preview: 04/06/2022 16:23:41

Dealership Name : Christian Brothers Ford, Inc.

Sales Code : F58555

Dealer Rep.	Scott Oertwich	Type	Retail	Vehicle Line	F-150	Order Code	1210
Customer Name	X XXXXX	Priority Code	10	Model Year	2022	Price Level	240

DESCRIPTION	MSRP	INVOICE	DESCRIPTION	MSRP	INVOICE
F150 4X4 SUPERCAB - 145	\$37505	\$35817	ONBOARD 400W OUTLET	\$290	\$264
145 INCH WHEELBASE	\$0	\$0	INTERIOR WORK SURFACE	\$195	\$178
ATLAS BLUE METALLIC	\$0	\$0	AUTO START-STOP REMOVAL	\$-50	\$-46
CLOTH 40/20/40 FRONT SEAT	\$0	\$0	TRAILER TOW PACKAGE	\$1090	\$992
MEDIUM DARK SLATE	\$0	\$0	INTEGRATED TRAILER BRAKE CONT	\$0	\$0
EQUIPMENT GROUP 101A	\$2280	\$2075	MIRROR MAN TEL/FLD W/PWR GLASS	\$395	\$360
.XL SERIES	\$0	\$0	REAR WINDOW DEFROSTER	\$220	\$200
.XL POWER EQUIPMENT GROUP	\$0	\$0	LED SIDE-MIRROR SPOTLIGHTS	\$175	\$160
.CRUISE CONTROL	\$0	\$0	EXTENDED RANGE 36GAL FUEL TANK	\$445	\$405
.REVERSE SENSING SYSTEM	\$0	\$0	BED UTILITY PACKAGE	\$695	\$633
2.7L V6 ECOBOOST	\$1195	\$1088	.BOXLINK	\$0	\$0
ELEC TEN-SPEED AUTO W/TOW MODE	\$0	\$0	.TAILGATE STEP	\$0	\$0
.265/70R 17 BSW ALL-TERRAIN	\$0	\$0	.LED BOX LIGHTING	\$0	\$0
3.55 RATIO REGULAR AXLE	\$0	\$0	XL CHROME APPEARANCE PACKAGE	\$775	\$706
6500# GVWR PACKAGE	\$0	\$0	.CHROME FRONT/REAR BUMPERS	\$0	\$0
JOB #2 ORDER	\$0	\$0	.FOG LAMPS	\$0	\$0
CV LOT MANAGEMENT	\$0	\$10	.17" SILVER PAINTED ALUMINUM	\$0	\$0
FRONT LICENSE PLATE BRACKET	\$0	\$0	PRIVACY GLASS	\$100	\$91
BLACK PLATFORM RUNNING BOARDS	\$250	\$228	FUEL CHARGE	\$0	\$168.12
ENGINE BLOCK HEATER	\$90	\$82	PRICED DORA	\$0	\$0
50 STATE EMISSIONS	\$0	\$0	ADVERTISING ASSESSMENT	\$0	\$45
FORD CO-PILOT 360 2.0	\$655	\$596	DESTINATION & DELIVERY	\$1695	\$1695

	MSRP	INVOICE
TOTAL BASE AND OPTIONS	\$48000	\$45747.12
XL HIGH DISCOUNT	\$-750	\$-683
XL HIGH DISCT CHROME	\$-500	\$-455
TOTAL DISCOUNT	\$-1250	\$-1138
TOTAL	\$46750	\$44609.12



Preview Order J088 - X1E - 4x4 SuperCab: Order Summary Time of Preview: 03/29/2022 16:32:24

Dealership Name: Thief River Ford, Inc.

Sales Code : F58640

Dealer Rep.	Kevin JOWSKI	Type	Retail	Vehicle Line	F-150	Order Code	J088
Customer Name	X XXXXX	Priority Code	19	Model Year	2022	Price Level	235

DESCRIPTION	MSRP	DESCRIPTION	MSRP
F150 4X4 SUPERCAB - 145	\$37505	50 STATE EMISSIONS	\$0
145 INCH WHEELBASE	\$0	FORD CO-PILOT 360 2.0	\$655
ATLAS BLUE METALLIC	\$0	ONBOARD 400W OUTLET	\$290
CLOTH 40/20/40 FRONT SEAT	\$0	INTERIOR WORK SURFACE	\$195
MEDIUM DARK SLATE	\$0	TRAILER TOW PACKAGE	\$1090
EQUIPMENT GROUP 101A	\$2280	.INTEGRATED TRAILER BRAKE CONT	\$0
.XL SERIES	\$0	MIRROR MAN FOLD W/POWER GLASS	\$305
.XL POWER EQUIPMENT GROUP	\$0	REAR-WINDOW DEFROSTER	\$220
.CRUISE CONTROL	\$0	LED SIDE-MIRROR SPOTLIGHTS	\$175
.REVERSE SENSING SYSTEM	\$0	FOG LAMPS	\$140
.17" SILVER STEEL WHEELS	\$0	BED UTILITY PACKAGE	\$695
2.7L V6 ECOBOOST	\$1195	.BOXLINK	\$0
ELEC TEN-SPEED AUTO W/TOW MODE	\$0	.TAILGATE STEP	\$0
.265/70R 17 BSW ALL-TERRAIN	\$0	.LED BOX LIGHTING	\$0
3.55 ELECTRONIC LOCK RR AXLE	\$470	PRIVACY GLASS	\$100
6500# GVWR PACKAGE	\$0	FUEL CHARGE	\$0
JOB #2 ORDER	\$0	PRICED DORA	\$0
CV LOT MANAGEMENT	\$0	ADVERTISING ASSESSMENT	\$0
FRONT LICENSE PLATE BRACKET	\$0	DESTINATION & DELIVERY	\$1695
ENGINE BLOCK HEATER	\$90		
			MSRP
TOTAL BASE AND OPTIONS			\$47100
XL HIGH DISCOUNT			\$-750
TOTAL			\$46350

Customer Name:
Customer Address:

Customer Email:

Customer Phone:

Customer Signature

Date

This order has not been submitted to the order bank.

This is not an invoice.

Estimates to Paint Red Lake Watershed interior building 2022

Dawn Brua	\$	3,075.00	Labor
A Cut Above	\$	6,400.00	Labor
Molstad Commercial Painting	\$	12,200.00	Labor & Paint

Paint Estimate			
Paint & Glass	\$	1,754.73	27 gallons

Total Low Bid	\$	4,829.73	
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Actual Billing

Dawn Brua	\$	3,075.00	
Paint & Glass	\$	1,364.79	Used 21 gallons

\$	4,439.79	
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Red Lake Watershed District - Administrators Report

May 12, 2022

Red River Watershed Management Board – LeRoy will be attending the Red Board meeting at 10:00 am May 17th at the RRWMB Board room in Ada. I will be attending via Teams. I have included in your packet a 2022 Flood Information report Rob Sip put together from the week of May 6-9, 2022.

In an attempt to get funding in the Red River Valley during this legislative session, Rob Sip and others have been able to get Governor Walz to see first hand some of the flooding issues that are occurring. The Governor has limited time so the tour will consist of viewing flooded areas north of EGF and up to Oslo.

Red Lake SWCD Flood Report – I have included in your packet, a 2022 flood report from Red Lake SWCD.

Lammers Township – Tuesday May 10th, Tony and I met with Lammers Township and landowners to discuss an issue that has been going on since 2019 or before. The conflict has to do with the Lammers Township being the drainage authority for a public drainage system and the present Board really doesn't understand their role. The District staff got involved at the request of a landowner and the township to mediate the meeting to assist in determining a the size of the culvert that will replace three old culverts on the system.

River of Dreams – Christina and Corey have been busy with various water monitoring and sampling. Christina is also working with her River Watch schools as well as River of Dreams which are in the process of launching their canoes in various spots throughout the District.

Clearwater River 1W1P – Policy Committee will meet May 25th to review all comments of the plan from the 30-day internal review. If you haven't had a chance to review the plan, please do so as soon as possible the Policy Committee can reach a consensus on the comments, the changes will be submitted and will then be sent out for the 60-day statewide review.

Minnesota Association of Drainage Inspectors – If available, Tony will be attending his first MADI virtual meeting on Tuesday, May 24th from 1-2:30pm. Items include membership fees that were set at the March 10th, 2022 meeting were \$50 individual (voting rights) and \$75 associate fee – historically the associate fee has been less (\$25) so the board feels we should revisit this. Also, there has been a lot of talk about the legislative proposal of a Drainage Registry Information Portal. I have some updated information to share and have been contacted about feedback that would be beneficial from the MADI group.



MAY 6 - 9, 2022 FLOOD INFORMATION RED RIVER BASIN OF MINNESOTA



A wet field along State Highway 9 on May 9, 2022 near Felton, MN. Photo courtesy of RRWMB.

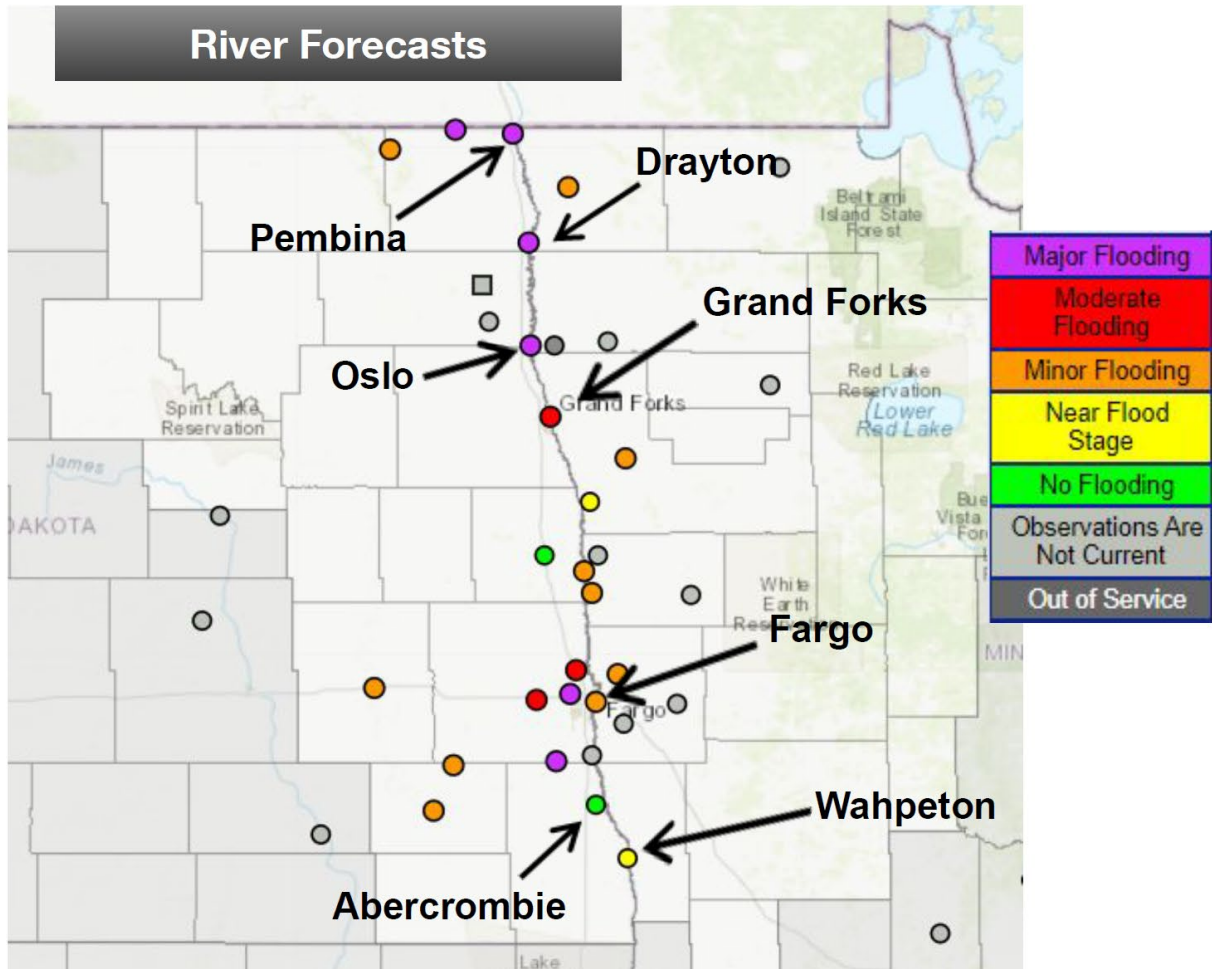
Investing in and Managing the Watershed of the Red River Basin



Ongoing Flooding

5/9/2022
10:40 AM

Moderate to Major Flooding at Several Locations



Key Messages

- Medium chance to see up to 1 inch of rain in portions of eastern ND and northwest MN this afternoon through tonight, with isolated higher amounts since this will be a convective event. Impacts to the river are expected, but to what magnitude remains uncertain.
- Further chances for precipitation late in the week, with more convection possible.
- Moderate to major flooding is ongoing and will continue through the work week in some locations.
- All points on the Minnesota tributaries have crested and are falling. The main action on the North Dakota tributaries continues to be along the Sheyenne and Pembina Rivers where major flooding continues for some locations.
- Most locations along the Red River mainstem have crested with the exception of Pembina. Moderate to major flooding continues from Grand Forks downstream to the Canadian border.



National Oceanic and
Atmospheric Administration
U.S. Department of Commerce

National Weather Service
Grand Forks, North Dakota

Source: North Dakota Agricultural Weather Network (NDAWN)
<https://ndawn.ndsu.nodak.edu>
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Source: North Dakota Agricultural Weather Network (NDAWN)
<https://ndawn.ndsu.nodak.edu>
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Field surface drainage into State HWY 9 road ditch south Ada, MN on May 9, 2022.
Photo Courtesy of the RRWMB.



2022 Red River Basin Flood Photos: May 6 and May 9, 2022

State HWY 9 road ditch south Ada, MN on May 9, 2022. Note the ponded water in the field at right. Photo Courtesy of the RRWMB.



2022 Red River Basin Flood Photos: May 6 and May 9, 2022

Ponded water in a field about 1 mile south of I-94 along State HWY 9 near Barnesville, MN on May 9, 2022.
Photo Courtesy of the RRWMB.

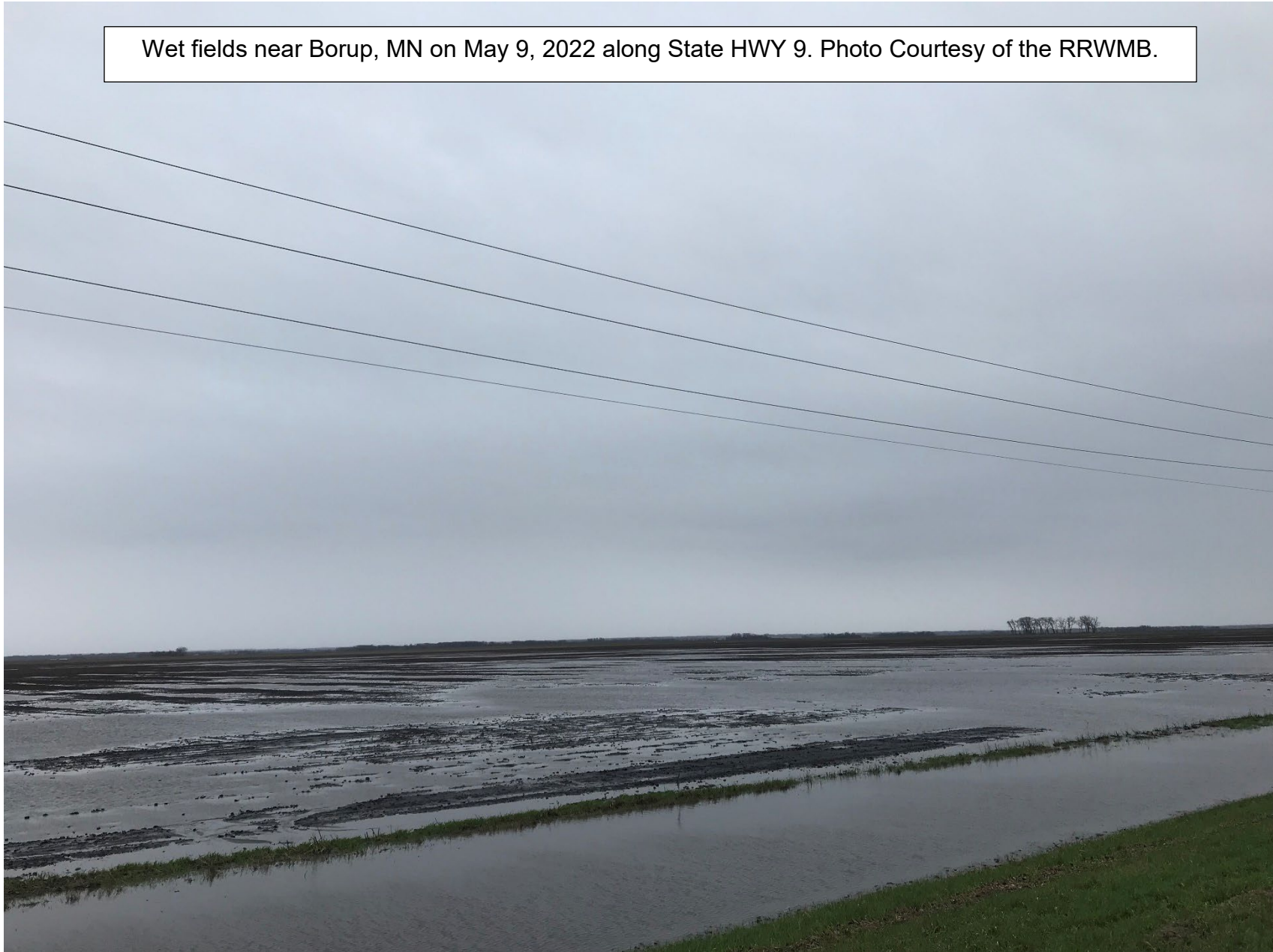


Ponded water in a field adjacent to I-94 along State HWY 9 near Barnesville, MN on May 9, 2022.

Photo Courtesy of the RRWMB.



Wet fields near Borup, MN on May 9, 2022 along State HWY 9. Photo Courtesy of the RRWMB.



2022 Red River Basin Flood Photos: May 6 and May 9, 2022

Wet fields south of Felton, MN on May 9, 2022 along State HWY 9. Photo Courtesy of the RRWMB.



2022 Red River Basin Flood Photos: May 6 and May 9, 2022

Mud Lake on the north side of the White Rock Dam on May 6, 2022.
Photo courtesy of Jamie Beyer, Bois de Sioux Watershed District.



2022 Red River Basin Flood Photos: May 6 and May 9, 2022

Mud Lake on the north side of the White Rock Dam on May 6, 2022. Note the water elevation in proximity to the edge of the road (top of White Rock Dam). Photo courtesy of Jamie Beyer, Bois de Sioux Watershed District.



2022 Red River Basin Flood Photos: May 6 and May 9, 2022

Mud Lake on the north side of the White Rock Dam on May 6, 2022. Note the water elevation in proximity to the edge of the road (top of White Rock Dam. Photo courtesy of Jamie Beyer, Bois de Sioux Watershed District.



2022 Red River Basin Flood Photos: May 6 and May 9, 2022

Water flow in the Bois de Sioux River below the White Rock Dam on May 6, 2022. Photo courtesy of Jamie Beyer, Bois de Sioux Watershed District.



2022 Red River Basin Flood Photos: May 6 and May 9, 2022

Contact Information

Robert L. Sip
Executive Director
Red River Watershed Management Board

Office Address:
11 5Th Avenue East, Suite B
Ada, MN 56510

rob.sip@rrwmb.org

www.rrwmb.org

<https://www.facebook.com/RedRiverWatershedManagementBoard>

218-474-1084 (Cell)

218-784-9501 (Office)

218-784-9502 (Fax)

NOTE: Document originally compiled on
May 4, 2022 and updated on May 6, 2022.





**Red River Watershed
Management Board**

Next Steps





2022 SPRING FLOOD PICTURES








































A blue rectangular banner with a folded corner effect on the left side, set against a light brown wood-grain background. The banner contains the text "2022 PROPOSED CONSTRUCTION PROJECT SITES" in white, bold, sans-serif capital letters.

2022 PROPOSED CONSTRUCTION PROJECT SITES

Trinity Creek Ranch

Gervais Section 27







Lon Seeger – RLF Section 19



CSAH 19 – RLF Township Section 14



**RLF – Section 11 – upstream –
Grassed Waterway Project**

Demarais – Hanson Project



Hwy. 92



Brule Project – along side of Hwy. 92



Les Gervais – Louisville Twp. Section 32



Thronson / Vigstol – Gervais 8



Gervais 8



Ulrich Farms – River - Section 32



Red Lake County / Pennington County Line







Soil Loss from Cropland



