

# RED LAKE WATERSHED DISTRICT

December 28, 2023

9:00 a.m.

## Agenda

9:00 a.m.	Call to Order	Action
	Review and approve agenda	Action
	Requests to appear	Information
	December 14, 2023 Minutes	Action
	Financial Report dated December 27, 2023	Action
	MN Earned Sick & Safe Time Overview	Information
	League of MN Cities Dividend	Information
	Red Lake River 1W1P – Supplemental Funds Outlet to JD 60 – Engineering RFP	Information
	Red Lake River/Middle Snake Tamarac 1W1P Boundary Discussion	Information
	RLWD Permit No. 22004 Extension: Popple 28, Clearwater County	Info/Action
	RLWD Permit No. 23086 Violation: Star 18, Pennington County	Info/Action
	Badger 15, Polk County Ditch Blockage	Info/Action
	RLWD Permit No. 23216 Violation: Terrebonne 25, Red Lake County	Information
	Administrators Update	Information
	Legal Counsel Update	Information
	Managers' updates	Information
	Adjourn	Action

UPCOMING MEETINGS:

December 28, 2023	RLWD Board Meeting, 9:00 am
January 1, 2024	New Years Holiday – Office Closed
January 11, 2024	RLWD Board Meeting, 9:00 a.m.
January 15, 2024	Martin Luther King Holiday - Office Closed
January 15-18, 2024	41 <sup>st</sup> Annual Red River Basin Land & Water Int. Summit Conference – West Fargo, ND
January 16, 2024	Legislative Open House – Moorhead, MN
January 16, 2024	RRWMB, Ada, 10:00 a.m.
January 25, 2024	RLWD Board Meeting, 9:00 a.m.

RED LAKE WATERSHED DISTRICT  
Board of Manager's Minutes  
December 14, 2023

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.

Managers present: Dale M. Nelson, Gene Tiedemann, Terry Sorenson, Allan Page, and Brian Dwight. Staff Present: Tammy Audette, Melissa Bushy, Elaine Rychlock, Lindsey Kallis, Corey Hanson, Tony Olson, Erick Huseh, Nate Koland, and Legal Counsel, Delray Sparby.

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

The Board reviewed the November 20, 2023, minutes. Motion by Sorenson, seconded by Tiedemann, to approve the November 20, 2023, Board meeting minutes, as presented. Motion carried.

The Board reviewed the Financial Report dated December 13, 2023. Motion by Sorenson, seconded by Dwight, to approve the Financial Report dated December 13, 2023, as presented. Motion carried.

Administrator Audette shared that we have been notified by Garden Valley Technologies that we will be receiving a discounted capital credit payout.

Administrator Audette stated that the Red Lake River 1W1P, RLWD Project No. 149, Planning Work Group met to discuss submission of a Grant Application for Supplemental Funds through the One Watershed One Plan Process. Red Lake SWCD has a project near the Huot bridge on the Red Lake River; with Polk County and the Polk County SWCD proposing an erosion/bank stabilization project south of Polk County Road 11 at the outlet of Judicial Ditch 60. More information will follow.

The Board reviewed a request from the Red Lake SWCD for cost share for the construction of a water & sediment control basin on the Aaron Myhre property, located in Section 2, Terrebonne Township, Red Lake County. The total project bid was \$21,833.00. Red Lake County SWCD will be using BWSR Clean Water funding to fund 75% of this project. The local match requirement is \$5,458.25. The landowner will oversee paying \$1,458.25; if the Red Lake Watershed District approves the \$4,000.00 request. Motion by Page, seconded by Dwight, to approve the cost share request in the amount of \$4,000.00 for the construction of a water & sediment control basin with the Red Lake SWCD, for the Aaron Myhre Project. Motion carried. Administrator Audette noted that this site is within the Clearwater River sub watershed.

Tony Nordby, Houston Engineering, reviewed the Elm Lake/Farms Pool Sluice Gate Inspection Report. Houston Engineering is recommending the replacement of the existing sluice gate be removed from the exterior face of the structure and replaced with a new 3'x3' sluice gate on the

interior face of the structure. Nordby estimated the cost for repair is \$51,250.00 Motion by Tiedemann, seconded by Dwight, to move forward with the sluice gate replacement for the Elm Lake/Farms Pool project, RLWD Project No. 52 project. Motion carried.

Tony Nordby, Houston Engineering, went over the Lost River Pool Outlet Structure Inspection Report. Houston Engineering recommends replacement of the entire structure with a preliminary cost of \$268,750. Motion by Dwight, seconded by Page, to move forward with the replacement of the Lost River Pool Outlet Structure, RLWD Project No. 17. Motion carried. District staff will seek funding for the project.

Nate Dalager, HDR Engineering, provided a recap from the Mud River Project, RLWD Project No. 180C, Project Team Meeting held on November 20, 2023. Discussion was held on downstream impacts of the project. HDR Engineering has demonstrated that there will be no negative impacts on downstream landowners if the Mud River Project proceeds. Further discussion was held that the Mud River Project and downstream flood concerns are two separate issues. Motion by Tiedemann, seconded by Dwight, to authorize HDR Engineering to proceed with the development of a preliminary design as part of the study phase for the Mud River Project, RLWD Project No. 180C, directing staff to move forward with potential funding sources. Motion carried.

Nate Dalager, HDR Engineering, and Wayne Johnson, City of Thief River Falls (TRF), appeared before the Board regarding funding and preliminary design for the Chief's Coulee Project, RLWD Project No. 46S. Johnson indicated that the City of TRF has agreed to fund \$800,000 as part of the project costs. Discussion was held on the various funding partners and potential funding sources for construction of the project. A Clean Water fund grant was received through BWSR in the amount of \$428,750, with the Red Lake River 1W1P assisting with funds for a portion of the Technical and Engineering. After much discussion, a motion was made by Sorenson, seconded by Tiedemann, to match the City of TRF's commitment of \$800,000, authorizing District staff to seek additional funding options for construction of the Chief's Coulee Project, RLWD Project No. 46S. Motion carried. Johnson will approach the City of TRF with this proposal and allow them to pursue other funding options.

The Board reviewed Pay Estimate No. 1 to Jeff Olson dba Olson Construction for work done on the Thibert Dam, RLWD Project No. 50G in the amount of \$88,403.54. Motion by Page, seconded by Tiedemann, to approve Pay Estimate No. 1 to Jeff Olson dba Olson Construction in the amount of \$88,403.54 for work on the Thibert Dam, RLWD Project No. 50G. Motion carried.

Administrator Audette reviewed the final construction numbers for the Terry Beich Ring Dike, RLWD Project No. 129AY, and the Robert Fladeland Ring Dike, RLWD Project No. 129AX. Motion by Tiedemann, seconded by Dwight, to approve payment back to the ring dike applicants for their overpayment of their estimated 12.5% cost share. Beich will receive \$778.57, and Fladeland will receive \$353.79. Motion carried.

Tony Nordby, Houston Engineering, stated that the Plans and Specifications and Opinion of Probable Cost for the construction of the Cardinal Ring Dike, RLWD Project No. 129BB and the Payment Ring Dike, RLWD Project No. 129BC have been completed and are ready to be submitted to contractors for quotes. Motion by Sorenson, seconded by Page, to approve the Plans and Specifications for the Cardinal Ring Dike, RLWD Project No. 129BB and the Payment Ring Dike, RLWD Project No. 129BC, and submit to contractors for quotes once the District has received the estimated 12.5% cost share from the applicant. Motion carried.

Staff member, Tony Olson, discussed RLWD permit No. 23216, located in Terrebonne Township, Section 25, Red Lake County. Olson stated that the drain tile installation was completed, prior to receiving permit review and approval. Olson also noted that a certain portion of land within the drain tile project area does not pay into the same benefited area of the legal drainage system which the drain tile project will outlet into, therefore the landowner will need to petition Red Lake County to be added into the benefitted area of the outlet legal drainage system. Red Lake County, as drainage authority will need to hold a hearing, notifying all landowners of the potential inclusion of property into the benefitted area of Red Lake County Ditch 2. After much discussion, a motion was made by Sorenson, seconded by Page, to deny RLWD Permit No. 23216, due to non-compliance of the permit application process and the fact that real property is proposed to be drained into a legal drainage system that it does pay benefits into. Motion carried. The Board authorized Olson to submit a letter of warning to the applicant as this is the first permit violation for the landowner. Additional discussion was held on the non-compliance of the tile installer/contractor, Field Drainage, Inc., Brooks, MN. Legal Counsel Sparby reviewed the previous non-compliance complaints the District has had with Field Drainage, Inc. Discussion was held on the filing of misdemeanor charges through the Red Lake County Sheriff's Department for violation of the District's permit rules. A motion was made by Page, seconded by Tiedemann, to report the violation of the District's permit rules and request the filing of misdemeanor charges by the Red Lake County Sheriff's Department against Field Drainage, Inc., for installation and completion of work without proper permits in place. Motion carried. After considerable discussion a motion was made by Dwight, seconded by Page, to pursue injunctive relief against Field Drainage, Inc. for repeated non-compliance and installation and completion of work within the District knowing that the proper permits had not been approved or obtained. Motion carried. Sparby also indicated that the District could require Field Drainage, Inc. to submit a bond for future work within District boundaries.

Administrator Audette provided an update on the previous permit violation in Gervais Township in Red Lake County, stating that all work has been satisfactorily completed.

Staff member, Tony Olson, discussed RLWD Permit No. 23210 in Deer Park Township, Section 6, Pennington County. This permit had been tabled at a previous meeting. The recommendation was to deny the permit. A motion was made by Dwight, seconded by Page, to deny the permit as further information is needed. Motion carried.

The Board reviewed the permits for approval. Motion by Tiedemann, seconded by Sorenson, to approve the following permits with conditions stated on the permit: No. 23206, Gary Mathis, Winsor Township, Clearwater County; No. 23207, Gary Mathis, Hangaard Township,

Clearwater County; No. 23209, Cole Schmitz, Red Lake Falls Township, Red Lake County; No. 23212, Trent Wayne, Lake Pleasant Township, Red Lake County; No. 23213, Jacob Malwitz, Emarville Township, Red Lake County; No. 23214, Cathy Bergstrom, Trustee, King Township, Polk County; No. 23215, Andrew Quam, Badger Township, Polk County; No. 23218, Randy Myhre, Terrebonne Township, Red Lake County; No. 23219, Raymond Severts, Veldt Township, Marshall County; No. 23220, Knute Knutson, Gervais Township, Red Lake County; No. 23221, Matt Bitter/MnDOT, Shooks Township, Beltrami County; No. 23222, Jordan Riendeau, Poplar River Township, Red Lake County; No. 23223, Gary & Patricia Purath, Terrebonne Township, Red Lake County; No. 23224, Pennington County, Kratka Township, Pennington County; Motion carried.

Gail Myers, resident of the City of Crookston, Charles Getsman, City of Crookston, appeared before the board requesting financial assistance for the Houston Avenue Project in Crookston. There are 8 homes along Houston Avenue/ Houston Cliff where large amounts of the bank have been washed away. Residents' backyards have become dangerous. They are requesting city and local government entities to partner together and find funding, correct the issues, and provide a clear path for the work. Motion by Page, seconded by Sorenson, to authorize Houston Engineering, Inc. to hire a geotechnical firm and review the project site to make recommendations to the District. Motion carried.

We received a request from the MN Department of Public Safety for assistance of a land/property buy-out within the City of Red Lake Falls. A motion was made by Sorenson, seconded by Tiedemann, to deny the request of the MN Department of Public Safety. Motion carried.

Administrator Audette shared that effective 2024, Rinke Noonan rates for legal services will be increasing as per the provided fee schedule.

Staff member Kallis requested approval for the purchase of 15 River Watch jackets for the students who participate in the River Watch program. A motion was made by Sorenson, seconded by Tiedemann, to approve the purchase of the jackets for the participating students. The motion carried. Manager Page abstained from discussion and vote.

The Board reviewed information from the U.S. Army Corps of Engineering requesting public input on the Red Lake Dam Water Control Manual Update.

The 41<sup>st</sup> Annual Red River Basin Land & Water International Summit Conference is coming up January 15-18, 2024, in Fargo, ND. Administrator Audette told the managers to let staff member Bushy know if you would like to attend.

There is an upcoming RRWMB Legislative Open House coming up January 16, 2024, in Moorhead, MN.

Administrator Audette shared that the 2022 Annual Report has been completed. Audette provided a copy to each board manager. The report can also be found on our website and our

Facebook page. Motion by Tiedemann, seconded by Page, to approve the 2022 Annual Report as presented. Motion carried.

Administrators Update:

- Minnesota Watersheds Conference – Staff members Audette, Rychlock, Hanson, Bushy, Kallis and Huseth participated in the 2023 Minnesota Watersheds Annual meeting. Audette thanked the Board for allowing staff to participate in the event. This is a good opportunity for our staff to see the various projects going on throughout the state, which create new ideas, engagement, and contacts.
- Crescent Avenue Project - Emails and phone calls were made to the two additional landowners on the Crescent Avenue Project. Audette was finally able to speak with one landowner who indicated that they are not interested in pursuing the bank stabilization project behind their home. The other landowner has not returned her phone call or email.
- Grand Marais Sub watershed - BWSR is requesting that the District and the Middle Snake Tamarac Watershed District hold a meeting for discussion purposes on the boundary of the Grand Marais Creek Sub watershed and the potential of realigning the boundary between both watersheds. Audette has asked Myron Jesme to participate in the call.

Legal Counsel Sparby stated we have filed our appeal brief with the Supreme Court, and that the Amicus brief has been filed as well. Dates have yet to be set on the time and location of oral arguments before the Supreme Court.

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

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LeRoy Ose, Secretary

**RED LAKE WATERSHED DISTRICT**  
**Financial Report for December 27, 2023**

<b>Ck#</b>	<b>Check Issued to:</b>	<b>Description</b>	<b>Amount</b>
online	EFTPS	Withholding FICA, Fed, & Medicare Tax(12-20-23 pp)	\$ 5,040.00
online	MN Department of Revenue	Withholding Taxes (12-20-23 payroll)	\$ 905.05
online	Public Employers Retirement Assn.	PERA (12-20-23 payroll)	\$ 2,654.60
41048	Ihle Sparby & Haase PA	Legal Expences	\$ 6,140.00
41049	Don's Seing & Vacuum	vacuum maintenance	\$ 134.94
41050	Houston Engineering	149 mid point grant	\$ 7,755.25
41051	Thief River Ford	2015 F150 bearing repair	\$ 1,744.38
41052	Brault Construction	Project #134 and #134 FEMA	\$ 15,690.22
41053	Corporation Tech	Tech Fees	\$ 1,335.00
41054	*HDR	see below	\$ 10,503.34
41055	*Red Lake County SWCD	see below	\$ 35,831.53
41056	Red River Watershed Mgmt Board	2nd 1/2 2023 Taxes	\$ 626,050.85
online	Sun Life Financial	Life Insurance	\$ 144.64
online	Purewater Technology	Office H2O	\$ 38.00
online	Intuit - Quick Books	Monthly fee	\$ 424.00
online	Wex	Monthly Fee	\$ 11.00
online	AT&T	Cell Phone expenses	\$ 417.32
online	MN Energy	Heating Expenses	\$ 165.60
direct	Myron Jesme	Mileage	\$ 163.75
direct	Myron Jesme	Per Diem	\$ 26.00
direct	Brian Dwight	Mileage	\$ 619.63
direct	Brian Dwight	Per Diem	\$ 56.00
direct	Al Page	Mileage	\$ 318.34
direct	Staff & Board Payroll (12-20-23 pp)		\$ 18,802.44
	<b>Total Checks</b>		<b>\$ 734,971.88</b>

**\*HDR**

#26B Professional Services	\$	1,275.00
#114 Turtle CC	\$	3,693.34
#180C Mud River Resoration	\$	5,535.00

**\*Red Lake County SWCD**

#149B	\$	30,586.43
#149 2022 Grant	\$	5,245.10



<b>Banking</b>	<b>Northern State Bank</b>		
	Balance as of December 13, 2023	\$	1,301,270.89
	Total Checks Written	\$	(734,971.88)
	Rct#25167 Garden Valley	Capital Credit	\$ 7,749.02
	Rct#25168 IWI	Fall 2023 Kick of Meals & Beverage	\$ 598.09
	Rct#25169 League of MN Cities	2023 Ins. Dividend Refund	\$ 673.00
	Rct#25170 Raymond Zammert	Rent Euclid Twnshp - Proj. #60C	\$ 1,718.46
	Rct#25171 Marshall County	Proj. #60C	\$ 8,413.81
	Rct#25172 State of MN	ACH Swift Payment	\$ 95,265.29
	Balance as of December 27, 2023	<b>\$</b>	<b>680,716.68</b>

Current interest rate is .20%

	<b>American Federal Bank-Fosston</b>		
	Balance as of December 13, 2023	\$	5,478,826.35

	Balance as of December 27, 2023	<b>\$</b>	<b>5,478,826.35</b>
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Current interest rate is 2.8%

**Investments**

<b>Edward Jones</b>	12 month CD 4.9%	\$	237,000.00
Balance	Expiry 12-15-24		

<b>Edward Jones</b>	12 month CD 4.85%	\$	237,000.00
Balance	Expiry 12-15-24		

<b>Edward Jones</b>	12 month CD 4.75%	\$	50,000.00
Balance	Expiry 12-15-24		

<b>Edward Jones</b>	6 month CD 5.25%	\$	243,000.00
Balance	Expiry 2-5-24		

<b>Edward Jones</b>	6 month CD 5.25%	\$	243,000.00
Balance	Expiry 2-5-24		

<b>Edward Jones</b>	6 month CD 5.15%	\$	14,000.00
Balance	Expiry 2-9-24		

<b>Edward Jones</b>	12 month CD 5.02%	\$	237,000.00
Balance	Expiry 5-07-24		

<b>Edward Jones</b>	12 month CD 5.02%	\$	237,000.00
Balance	Expiry 5-07-24		

<b>Edward Jones</b>	12 month CD 5.02%	\$	26,000.00
Balance	Expiry 5-07-24		

<b>Edward Jones</b>	12 month CD 5.45%	\$	241,000.00
Balance	Expiry 9-19-24		

<b>Edward Jones</b>	12 month CD 5.5%	\$	237,000.00
Balance	Expiry 9-29-24		

<b>Edward Jones</b>	12 month CD 5.5%	\$	33,000.00
Balance	Expiry 9-29-24		

**Total Cash** **\$ 2,035,000.00**

**Cash that has been received and  
earmarked for projects:**

2022 Grant Thief River 1W1P Proj. #149A	\$	264,946.00
2023 Grant Clearwater 1W1P Proj. #149B	\$	487,363.00
2024 Grant Red Lake River 1W1P Proj. #149	\$	850,219.50
Mid Point Grant Proj. #149	\$	25,000.00
Chief Coulee Proj. #46S	\$	<u>214,375.00</u>
	\$	1,841,903.50

**Payables committed to by board action:**

TRF Reservoir Water Intake Proj. #63	\$	38,400.00
Chief Coulee Proj. #46S	\$	108,935.00
County Ditch 99 - Proj. #149	\$	<u>280,000.00</u>
	\$	427,335.00

**Total accessible cash (Est)** **\$ 2,035,000.00**

[**Employers:** This is a sample employee notice employers can use to inform their employees about earned sick and safe time as required under [Minnesota Statutes § 181.9447, subdivision 9](#). Instructions for completing this notice are in brackets. Delete all instructions before providing this to the employee.]

## Earned sick and safe time employee notice

Employees in Minnesota are entitled to earned sick and safe time, a form of paid leave. Employees must accrue at least one hour of earned sick and safe time for every 30 hours they work, up to at least 48 hours in a year. [If you are using a more generous accrual system or a front-loading system, edit the previous sentence and insert the applicable system for the employee who will receive this notice.] A year for purposes of the employee's earned sick and safe time accrual is: [Note here how you define the accrual or benefit year for the employee. Examples include the calendar year, year by work anniversary or another 12-month period.]

The earned sick and safe time hours the employee has available, as well as those that have been used in the most recent pay period, must be indicated on the employee's earnings statement that they receive at the end of each pay period. Earned sick and safe time must be paid at the same hourly rate employees earn from employment. Employees are not required to seek or find a replacement for their shift to use earned sick and safe time. They may use earned sick and safe time for all or part of a shift, depending on their need.

Earned sick and safe time can be used for:

- an employee's mental or physical illness, treatment or preventive care;
- the mental or physical illness, treatment or preventive care of an employee's family member;
- absence due to domestic abuse, sexual assault or stalking of an employee or their family member;
- closure of an employee's workplace due to weather or public emergency or closure of their family member's school or care facility due to weather or public emergency; and
- when determined by a health authority or health care professional that an employee or their family member is at risk of infecting others with a communicable disease.

## Notifying employer, documentation

An employer can require their employees to provide up to seven days of advance notice when possible (for example, when an employee has a medical appointment scheduled in advance) before using sick and safe time. An employer can also require their employees to provide certain documentation regarding the reason for their use of earned sick and safe time if they use it for more than three consecutive days.

[The following is an example of an employer policy for employees to provide notice before using earned sick and safe time. Edit the following text to match your company's policy.] If an employee plans to use earned sick and safe time for an appointment, preventive care or another permissible reason they know of in advance, inform [name or position] by [phone, email or other communication] as far in advance as possible, but at least [number

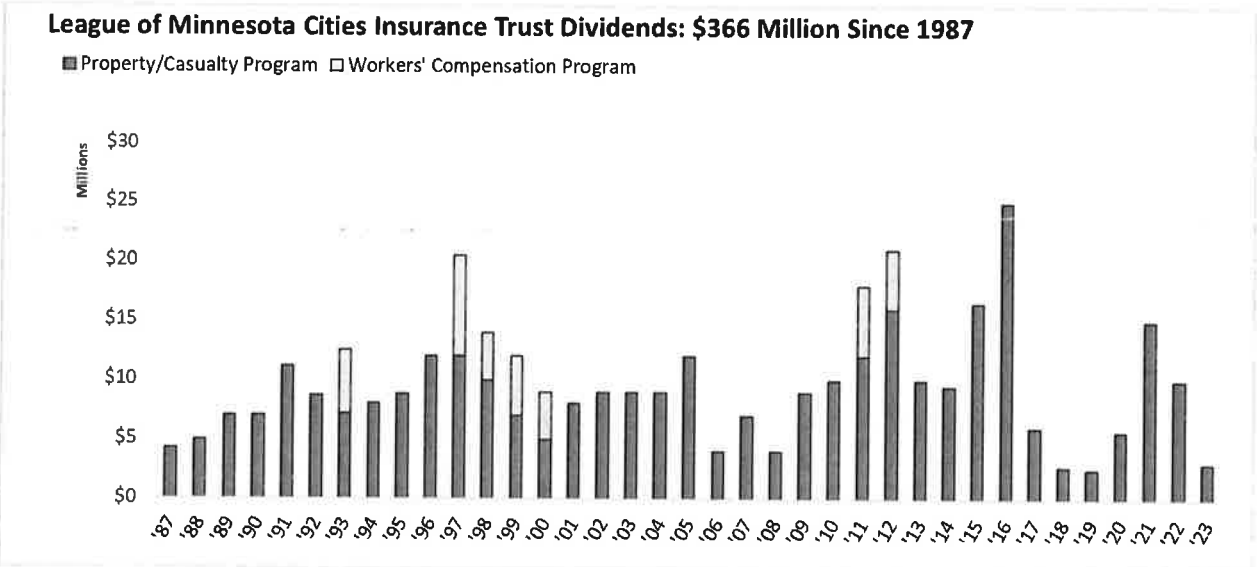


**DIVIDEND ANNOUNCEMENT**

**DECEMBER 7, 2023**

Dear Member,

We are pleased to enclose a check for your share of the \$3 million dividend being returned to members of the League of Minnesota Cities Insurance Trust's property/casualty program. We encourage you to share this information with your city council or other governing body.



**What is the dividend formula?**

Also enclosed is your dividend history and an information sheet showing the data used to calculate your dividend. Your insurance agent will receive this information as well. Following are the key elements of the dividend formula.

- Dividends are distributed to cities and other entities that are members as of December 1 in the year the dividend is being returned. Former participants do not share in the dividend distributions.
- Each member's share is proportionate to the difference between the member's total premiums and total losses as of May 31 for the past 20 years.
- Individual losses are capped at the lesser of \$200,000 or 200% of the member's annual premium for the year of the loss.

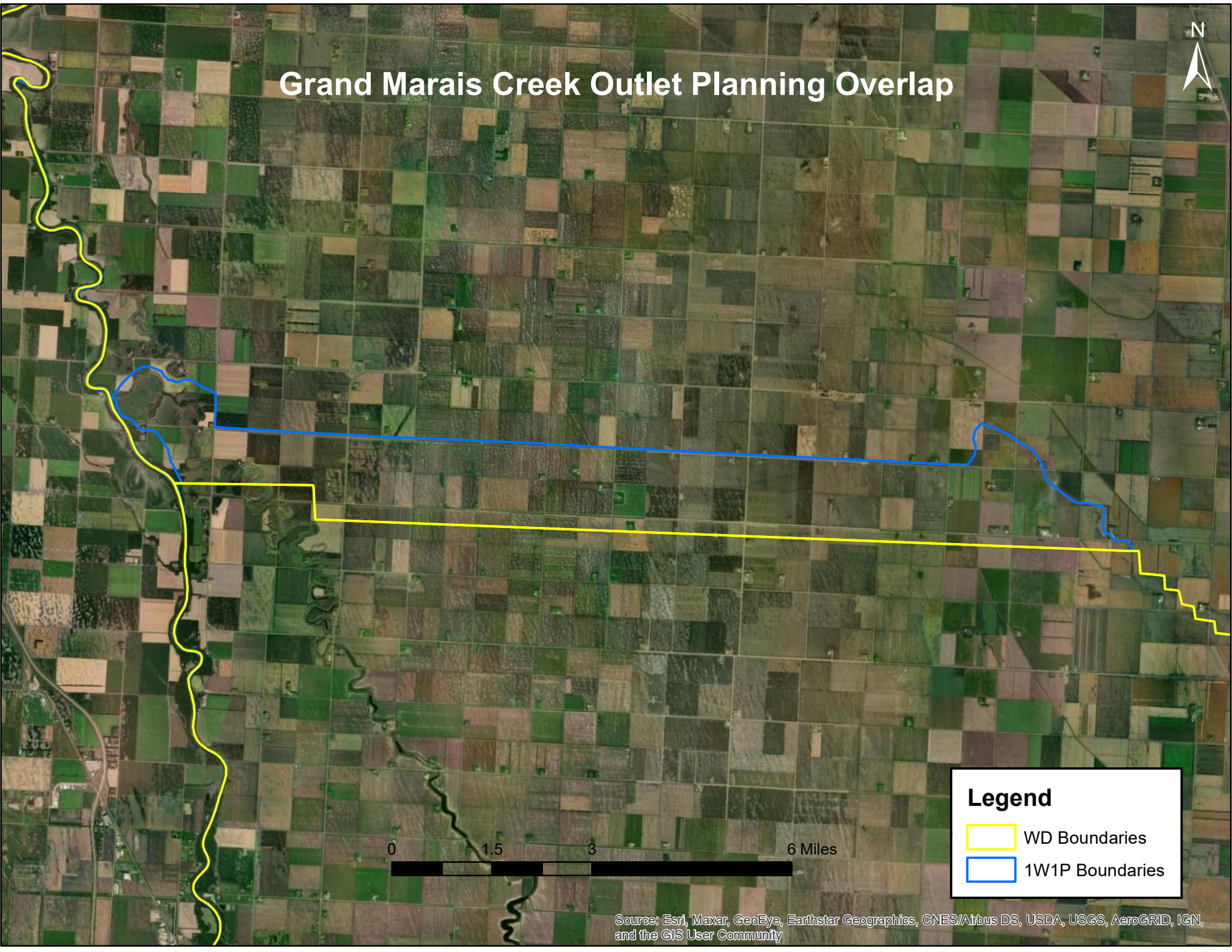
**Why are we receiving a dividend, and should we expect a dividend every year?**

Members should not include dividend returns in their yearly budget projections because the amount fluctuates year-to-year based on losses experienced by members, actuarial projections, investment results, legislative and coverage changes, reinsurance costs, and the Trust's long-term strategic direction. The amount of a given year's dividend has no bearing on the amount returned the following year, and it's possible in some years no dividend will be returned.

(over)





# Grand Marais Creek Outlet Planning Overlap



0 1.5 3 6 Miles

**Legend**

-  WD Boundaries
-  1W1P Boundaries

Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

# *Red Lake Watershed District*

**President**

Dale M. Nelson

**Vice President**

Gene Tiedemann

**Treasurer**

Terry Sorenson

1000 Pennington Avenue South

Thief River Falls, MN 56701

218-681-5800

218-681-5839 FAX

e-mail: [RLWD@redlakewatershed.org](mailto:RLWD@redlakewatershed.org)

[www.redlakewatershed.org](http://www.redlakewatershed.org)

**Secretary**

LeRoy Ose

**Managers**

Brian Dwight

Allan Page

Tom Anderson

March 29, 2023

Jacob Seidel  
TKDA  
BNSF Railway Company  
4515 Kansas Avenue  
Kansas City, KS 66106

Via Email: [Jacob.seidel@TKDA.com](mailto:Jacob.seidel@TKDA.com)

Dear Mr. Seidel:

The Red Lake Watershed District Board of Managers, at their March 23, 2023 meeting, granted a one-year extension for Permit No. 2022-004. The new permit expiration date will be February 24, 2024.

If you have any questions, please contact our office.

Sincerely,



Myron Jesme  
Administrator

MJ/tja



In the matter of the application of: BNSF Railway Company, 4515 Kansas Avenue, Kansas City, KS 66106

Pursuant to Minnesota Statutes Chapter 103D, the Permit and Drainage Rules of the Red Lake Watershed District, and on the basis of the statement and information contained in the permit application submitted by applicant, including all letters, maps, and other supporting data furnished by applicant, all of which are made a part hereof by reference, permission is hereby granted to BNSF Railway Company address for the purposes of notice and other communications pertaining to this permit is 4515 Kansas Avenue, Kansas City, KS 66106 the purpose of doing the work applied for with the following exceptions, changes, and/or special conditions:

**Red Lake Watershed District (RLWD) approval to remove the existing 9-span, 144' span bridge and install a 6-span, 160' bridge as per plan-set provided. Permit location is on the Clearwater River. Plan-set was created by TKDA. Applicant shall contact the MN Dept. of Natural Resources (MNDNR) area hydrologist concerning their requirements, if any. Contact person at the Thief River Falls MNDNR office is hydrologist Stephanie Klamm at 218-219-8585. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166)**

This permit is granted subject to the following provisions:

- 1) This permit is permissive only and shall not release the permittee from any liability or obligation imposed by Minnesota Statutes, Federal Law or Local Ordinances and shall be subject to all conditions and limitations now or hereafter imposed by law. The Red Lake Watershed District makes no representations to the applicant in granting the permit that the proposed work complies or does not comply with the existing law. No liability shall be imposed upon or incurred by the District or any of its officers, agents or employees, officially or personally, on account of the granting of this permit, or on account of any damage to any person or property resulting from any act or omission of the permittee or any of its agents, employees or contractors relating to any matter hereunder. This permit shall not be construed as estopping or limiting any legal claim or right of action of the District against the permittee, its agents, employees, or contractors for violation of or failure to comply with the provisions of the permit or applicable provisions of law.
- 2) Work authorized under this permit shall be completed by February 24, 2023, unless extended by the District.
- 3) The permittee shall grant access to the site at all reasonable times during and after construction to authorized representatives of the District for inspection of the work authorized by this permit.
- 4) This permit may be terminated by the District without notice at any time deemed necessary for the management of the water resources of the District, or in the interest of the public health and welfare, or for violation of any of the provisions of this permit.

Dated this 24 day of February, 2022.

Red Lake Watershed District



Myron Jesme, Administrator

P.A. No. 2022-004



**APPLICATION FOR PERMIT**  
**RED LAKE WATERSHED DISTRICT**  
 1000 Pennington Avenue South, Thief River Falls, MN 56701  
 RLWD@redlakewatershed.org  
 218-681-5800

TO THE BOARD OF MANAGERS:

Landowner Name: BNSF Railway Company, Garrett Havens		Telephone Number: 817-897-4184	
Address (Street, RFD, Box No., City, State, Zip):			
4515 Kansas Avenue	Kansas City	KS	66106
Project Location: Lat: 47.518685 Long: -95.501433			
Government Lot _____ Quarter Section(s) <u>NE 1/4 of the SW 1/4</u> Section(s) <u>28</u>			
Township (Name & #) <u>Popple Township / 147 North</u> Range # <u>38 West</u> County <u>Clearwater</u>			
Type of Work Proposed:			
<input type="checkbox"/> Excavate	<input type="checkbox"/> Install	<input type="checkbox"/> Ditch	<input type="checkbox"/> Dike
<input type="checkbox"/> Fill	<input type="checkbox"/> Remove	<input type="checkbox"/> Culvert (Size _____)	<input type="checkbox"/> Erosion Control
<input type="checkbox"/> Drain	<input checked="" type="checkbox"/> Other	<input checked="" type="checkbox"/> Bridge (Size _____)	<input type="checkbox"/> Tile
<input checked="" type="checkbox"/> Construct	<input type="checkbox"/>	<input type="checkbox"/> Dam	<input type="checkbox"/> Other

Be sure to attach all necessary reports, maps, drawings, photos, other data, etc., to support permit application.

Description of work to be done: The BNSF Railway Company (BNSF) structure 0031-0060.10 on the Grand Forks Subdivision, near Bagley, Minnesota, will be replaced as part of BNSF's general maintenance program. The existing structure is a 9-span concrete deck bridge supported on concrete piers with a total length of approximately 144 feet. The new 6-span, 160-ft bridge will be constructed of precast concrete beams, caps, and abutments bearing on steel H-pile bents on the same alignment and profile as the existing structure. Estimated drainage area: acres <u>31.92</u> or sq. mile(s) _____	
Work is necessary because: <p style="text-align: center;">The purpose and need for the project is to maintain a structure for the safe and efficient transportation of interstate freight.</p>	

I hereby make application for a permit to proceed with the proposal described above and have attached all supporting maps, plans, and other information submitted with this application. The information submitted and statements made concerning this application are true and correct to the best of my knowledge. Obtaining a permit from the Managers does not relieve the applicant from the responsibility of obtaining any other additional authorization or permits required by law.

Signature of landowner: Jacob Seidel of TKDA is an Authorized Agent for the Landowner BNSF Railway Company	 Date: 01/24/2022
---	---

JAN 25 2022

*MJ*

For Office Use Only P.A. No. <u>77-004</u>
---



Permit # 22-004

Status Report: **Approved**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
	BNSF Railway Company	4515 Kansas Avenue Kansas City, KS 66106		tel:817-897-4184 mobile: fax:

**General Information**

(1) The proposed project is a:

**Bridge Installation / Removal / Modification**

(2) Legal Description

(3) County: **Clearwater** Township: **Popple** Range: **38** Section: **28 1/4**:

(4) Describe in detail the work to be performed. **Replace existing 9-span concrete bridge (144') and replace it with a new 6-span bridge (160')**.

(5) Why is this work necessary? Explain water related issue/problem being solved. **To maintain a structure for the safe and efficient transportation of interstate freight.**

**Status**

Status	Notes	Date
<b>Approved</b>		<b>Feb. 9, 2022</b>
Received		Jan. 25, 2022

**Conditions**

**Red Lake Watershed District (RLWD) approval to remove the existing 9-span, 144' span bridge and install a 6-span, 160' bridge as per plan-set provided. Permit location is on the Clearwater River. Plan-set was created by TKDA. Applicant shall contact the MN Dept. of Natural Resources (MNDNR) area hydrologist concerning their requirements, if any. Contact person at the Thief River Falls MNDNR office is hydrologist Stephanie Klamm at 218-219-8585. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) N.J.O.**

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.



444 Cedar Street, Suite 1500  
Saint Paul, MN 55101  
651.292.4400  
tkda.com

January 24, 2022

Red Lake Watershed District

Re: Permit Application  
Bridge No. 31-60.10 over Clearwater River, near Bagley, Minnesota  
BNSF Railway Company  
TKDA Project No. 17614.069

Dear RLWD Board of Managers:

On behalf of the BNSF Railway Company (BNSF), I am pleased to submit the following application for the reconstruction of BNSF Bridge No. 31-60.10 over the Clearwater River, near Bagley, Minnesota.

This structure is an integral part of BNSF's interstate rail system. Under the ICC Termination Act (ICCTA), 49 U.S.C. §10501(b), the federal Surface Transportation Board has exclusive jurisdiction over railroad operations and facilities. Although state and local agencies do not have jurisdiction to compel railroads to submit to state or local permitting requirements as a condition of improving the railroads' interstate facilities, BNSF and other railroads can and often do voluntarily agree to comply with reasonable state and local environmental requirements in connection with railroad construction projects. This voluntary cooperation in no way is meant to confer jurisdiction on the state or local regulator but instead is a byproduct of BNSF's commitment to partnership with the community. BNSF is committed to working closely with your agency to identify reasonable requirements we can mutually agree to implement as part of this project.

As an environmental representative for BNSF on this project, please feel free to contact me with any questions or if additional information is required at [jacob.seidel@tkda.com](mailto:jacob.seidel@tkda.com) or 224.250.3245.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jacob K. Seidel', written in a cursive style.

Jacob K. Seidel – Graduate Scientist

## Enclosures

- RLWD Permit Application Form (2 pages)
- Location Map (1 page)
- Impact Area Map (1 page)
- Design Plan (1 page)
- Site Photos (8 pages)
- H&H Report (12 pages)

**Red Lake Watershed District  
Permit Application Form**




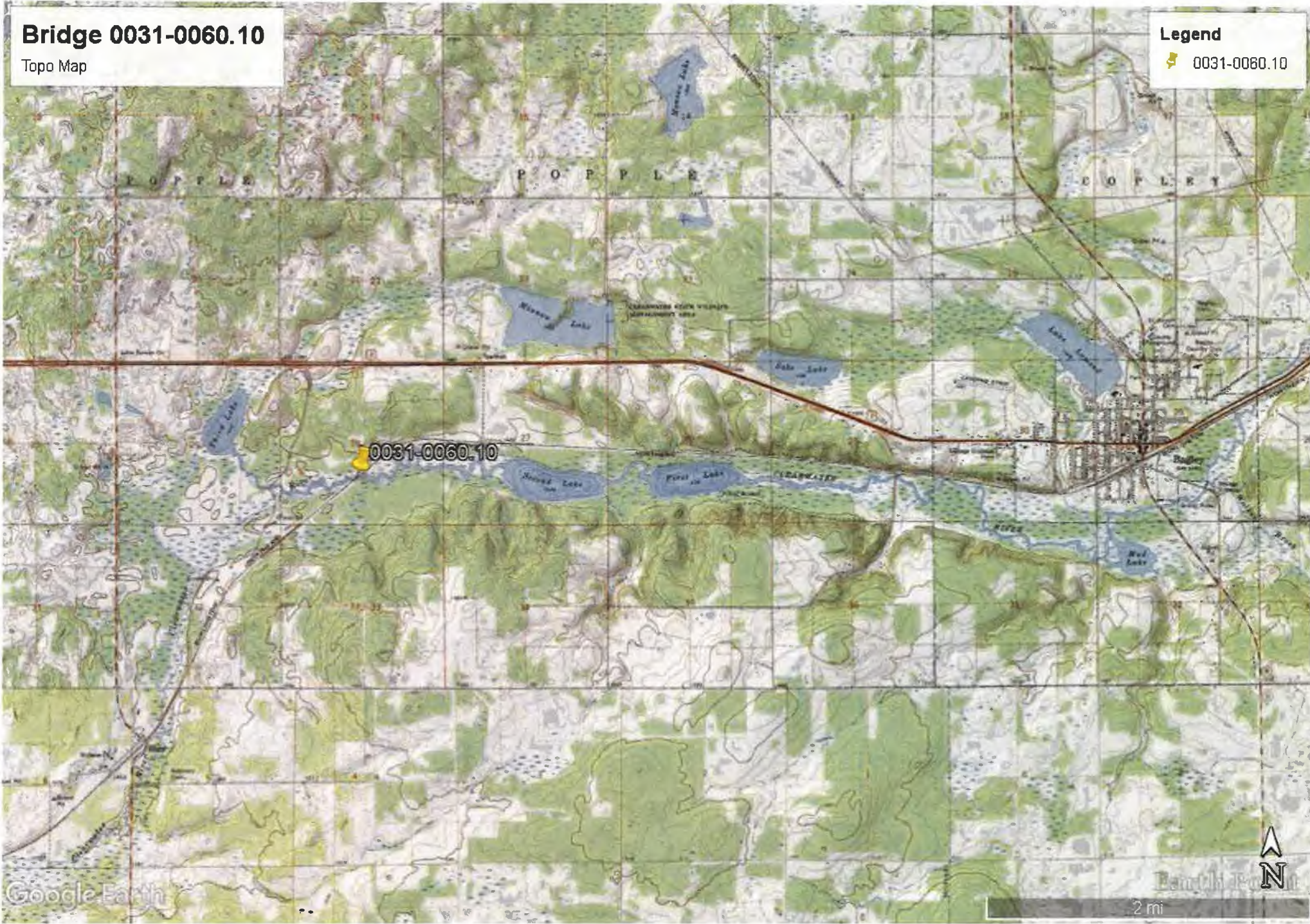


# Bridge 0031-0060.10

Topo Map

## Legend

 0031-0060.10



**Bridge 0031-0060.10**  
**Location Map**



**Bridge 0031-0060.10**  
**Impact Area Map**



# BNSF Bridge 0031-0060.10

Plan Item #183675

## SITE ACCESS AND IMPACT AREA MAP

### Legend

-  Impact to Clearwater River
-  Site Access and Staging
-  Erosion Control BMPs
-  Temporary Construction Access

PLACE WOODCHIP OR COMPOST LOGS AROUND STAGING AREAS IF THE SOIL IS DISTURBED OR SOIL IS STOCKPILED.

TURF REESTABLISHMENT FOR DISTURBED SOILS:  
SEED MIXTURE 25-141 AT 59 LBS/AC  
FERTILIZER TYPE 3 (22-5-10) AT 200 LBS/AC  
EROSION CONTROL BLANKET CATEGORY 3N OR MULCH  
ABOVE ITEMS ARE MNDOT SPECIFICATION

SITE ACCESS ON TRACK FROM 2ND LAKE DRIVE RAILROAD CROSSING.

MATERIAL AND EQUIPMENT STAGING ALONG ROCK EMBANKMENT. ADDITIONAL STAGING LOCATED SOUTH OF BRIDGE IN UPLAND ROW.

ALL NEW BRIDGE BENTS WILL BE PLACED WITHIN OHWM OF CLEARWATER RIVER BASED ON WATERS AND WETLANDS SITE INVESTIGATION. PROJECT IS PERMITTED UNDER MINNESOTA TRANSPORTATION REGIONAL GENERAL PERMIT (CATEGORY 1) AND COMES WITH MPCA 401 WATER QUALITY CERTIFICATION. TEMPORARY BRIDGE IS NECESSARY AND PERMITTED. REMOVAL OF ACCUMULATED SEDIMENT AND DEBRIS WITHIN VICINITY OF BRIDGE IS PERMITTED.

100 ft





**Bridge 0031-0060.10**  
**Design Plan**



**Bridge 0031-0060.10**  
**Site Photos**

**Photo 1: Bridge 0031-0060.10, facing south.**



**Photo 2: Bridge 0031-0060.10, facing north.**





**Photo 3: Bridge 0031-0060.10, facing south.**



**Photo 4: Clearwater River, facing east.**





**Photo 5: Clearwater River, facing west.**



**Photo 6: Emergent Wetland next to BNSF ROW, facing north.**





**Photo 7: Emergent Wetland next to BNSF ROW, facing north.**



**Photo 8: BNSF ROW access to Bridge 0031-0060.10, facing east.**





**Drone Photo 1: BNSF 31 Line with Bridge 0031-0060.10, facing west.**





**Drone Photo 2: Bridge 0031-0060.10 and Clearwater River, facing west.**





**Drone Photo 3: Bridge 0031-0060.10, facing southwest.**





**Drone Photo 4: BNSF Bridge 0031-0060.10, facing east.**



**Bridge 0031-0060.10**  
**H&H Report**





## Bridge 60.1 – Hydraulic Summary Memorandum



Upstream Side Looking Southwest

### Location Information

<b>Bridge/Culvert MP:</b>	60.1	<b>TKDA Project No.</b>	18254.000	<b>Date:</b>	1/17/2022
<b>Subdivision:</b>	Grand Forks	<b>Line Segment:</b>	0031	<b>State:</b>	MN
<b>Latitude (dd):</b>	47.5187 N	<b>Longitude (dd):</b>	95.5014 W	<b>County</b>	Clearwater
<b>Stream Name:</b>	Clearwater River				

### Structure Summary

The replacement structure in this memorandum meets Burlington North Santa Fe Railway's (BNSF) internal design guidelines.

### Existing Structure

The existing rail structure at MP 60.1 is a nine-span concrete slab beam bridge with a total length of 140.9 feet with concrete abutments. Each span is approximately 16 feet on center resting on concrete bents. The top of tie at the structure is estimated to be 10.6 feet above the thalweg of the main-stem channel. Water was present in the channel at the time of survey.

The existing concrete slab beam bridge is approximately 3,100 river-feet east of the Evergreen Drive crossing over the Clearwater River and 6,900 river-feet west of Second Lake. The crossing is 4,100 feet southeast of the intersection of Evergreen Drive and U.S. HWY 2.

**Proposed Structure**

The replacement structure is a five span prestressed concrete slab beam on H-pile bents with concrete caps. All five spans are 32 feet in length. The spans will be constructed on abutments and parapets placed on existing fill. The total length of the proposed structure is 160 feet 2 inches. The existing abutments and super structure will be removed. The existing bents in the channel will remain in place and the proposed structure will be constructed around the existing bents. The water velocity from existing to proposed conditions remains non-erosive (<6 ft/s).

**Hydrology**

StreamStats is available for use in the state of Minnesota and was used to delineate the tributary area and establish 50- and 100-year peak flow runoff.

**Method of Analysis**

	Q50	Q100	Used
USGS StreamStats (cfs):	1,000	1,230	●

**Hydraulic Data and Results****Water Surface Profile Model Summary**

HEC\_RAS 1D version 5.0.6 was used to model the hydraulics for existing and proposed conditions. MNTopo LIDAR and survey data was used to develop cross sections. Site photographs and aerial imagery was utilized to determine channel banks and manning's n-values. The existing BNSF bridge crossing was modeled with survey data. The existing bridge deck and bent information was entered as an inline bridge. The proposed design was generated by replacing the existing structure and inslopes with applicable geometry while leaving the existing bents in place. MNTopo Lidar was used to estimate the bottom of the existing channel.

**Water Surface Profile Model Output**

Model Output Scenario:	Existing		Proposed	
Description:	9-span		6-span	
Base of Rail Elevation (ft): (NAVD88)	1450.0		1450.0	
Subgrade Elevation (ft):	1447.8 (est)		1447.8 (est)	
Low Chord Elevation / Top of Culvert (ft):	1446.3		1446.3	
<b>Frequency:</b>	<b>Q50</b>	<b>Q100</b>	<b>Q50</b>	<b>Q100</b>
Upstream Water Surface Elevation (ft):	1443.6	1443.9	1443.6	1443.9
Upstream Energy Grade Line Elevation (ft):	1443.6	1443.9	1443.6	1443.9
Average outlet Velocity (ft/s):	2.7	3.1	2.6	2.9
Water Surface Elevation to Low Chord (ft):	2.7	2.4	2.7	2.4
Energy Grade Line to Subgrade (ft):	4.2	3.9	4.2	3.9
Meets Hydraulic Design Criteria?	Yes	Yes	Yes	Yes
Structure Overtopped?	No	No	No	No

**Authors**

TKDA Design:	NJL 1/17/2022	TKDA Check:	PJM 1/17/2022
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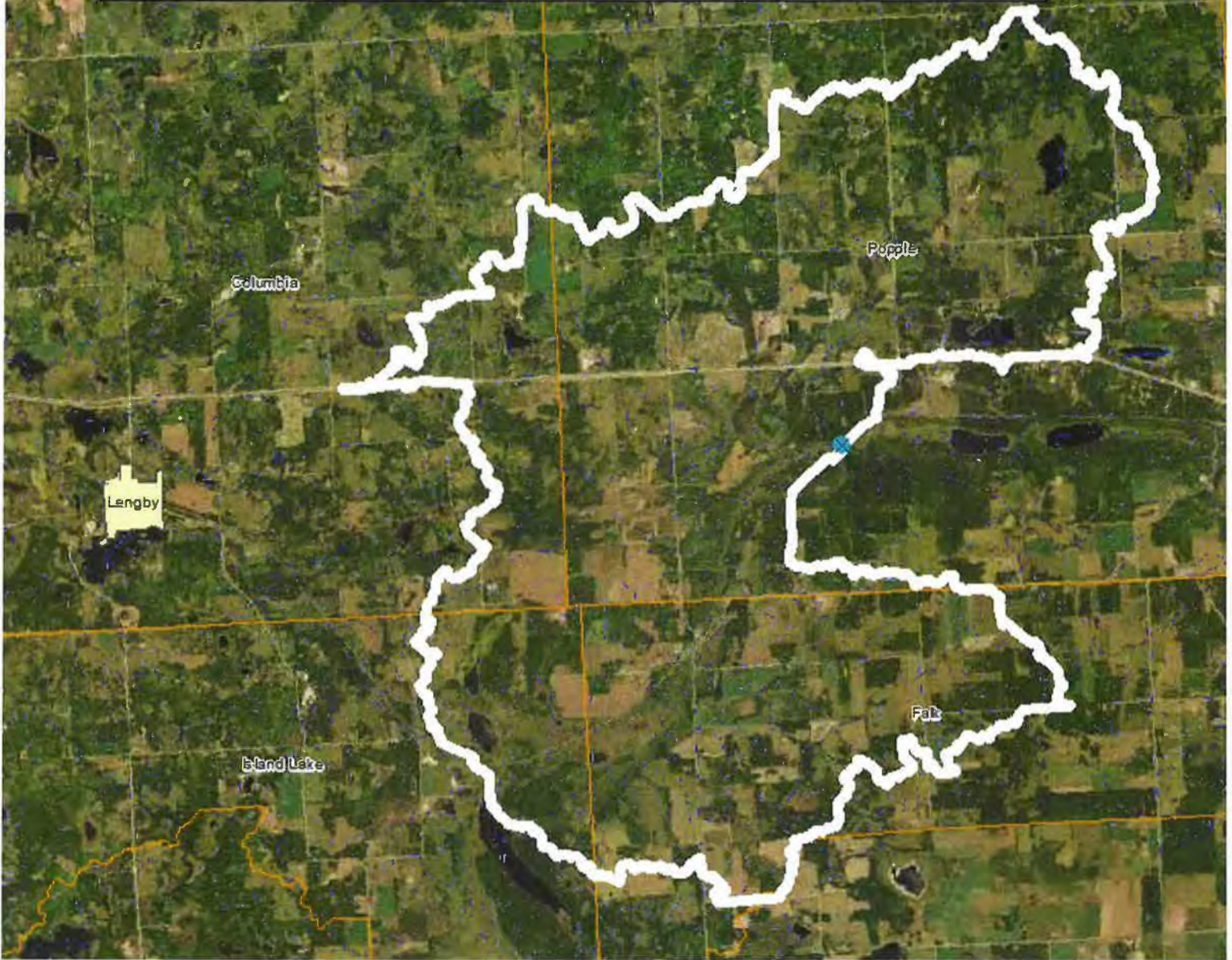
Table

RasterT\_Popple21

OBJECTID *	Shape *	Id	gridcode	Shape_Length	Shape_Area	sq miles
1	Polygon	1	0	11.315224	6.158369	0.000002
2	Polygon	2	0	11.315224	6.158369	0.000002
3	Polygon	3	0	71046.362693	73243082.816791	28.3021

(0 out of 3 Selected)

RasterT\_Popple21



by RLWS



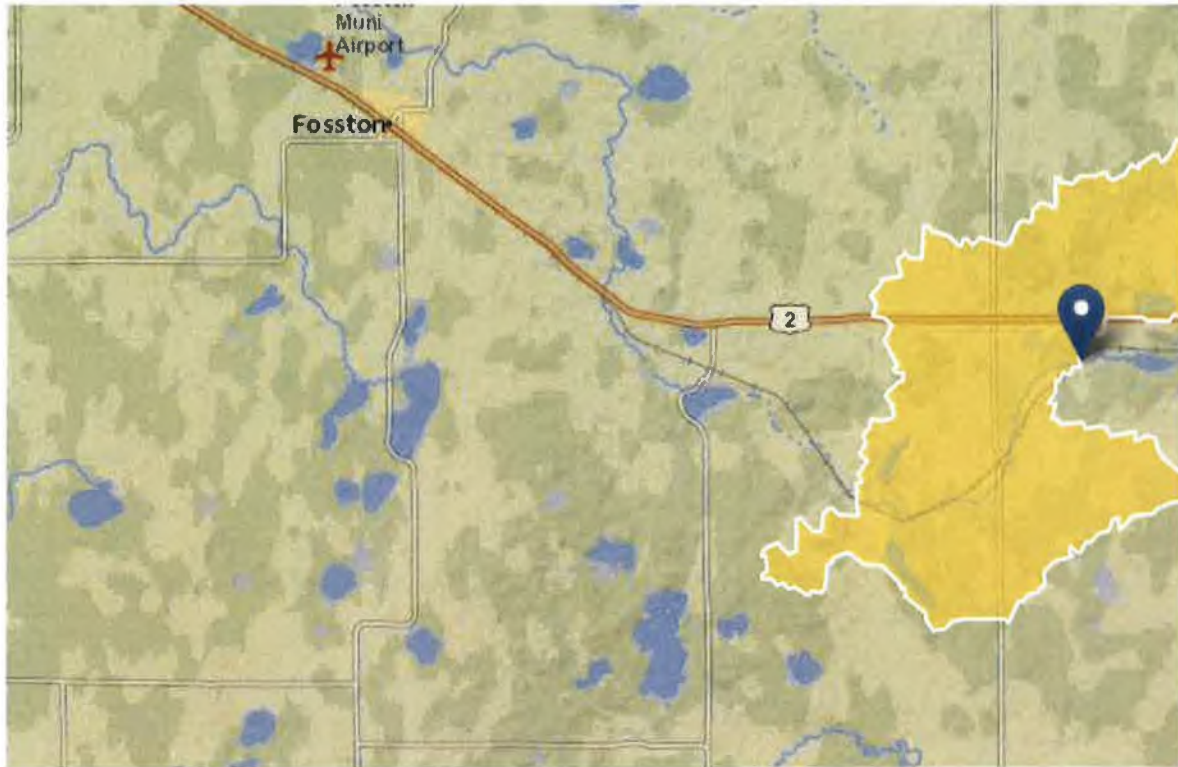
# Clearwater River - StreamStats Report

**Region ID:** MN

**Workspace ID:** MN20210714160323177000

**Clicked Point (Latitude, Longitude):** 47.51862, -95.50158

**Time:** 2021-07-14 11:03:39 -0500



## Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	31.92	square miles
CSL10_85	Change in elevation divided by length between points 10 and 85 percent of distance along main channel to basin divide - main channel method not known	8.9	feet per mi
LAKEAREA	Percentage of Lakes and Ponds	2.17	percent

## Peak-Flow Statistics Parameters [Region A]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	31.92	square miles	2.81	1570
CSL10_85	Stream Slope 10 and 85 Method	8.9	feet per mi	1.74	37.4
LAKEAREA	Percent Lakes and Ponds	2.17	percent	0	13

## Peak-Flow Statistics Flow Report [Region A]

PII: Prediction Interval-Lower, PIu: Prediction Interval-Upper, SEp: Standard Error of Prediction, SE: Standard Error (other -- see report)

Statistic	Value	Unit	PII	PIu	SE	ASEp	Equiv. Yrs.
66.7-percent AEP flood	120	ft <sup>3</sup> /s	62.6	207	42.6	42.6	7.9
50-percent AEP flood	180	ft <sup>3</sup> /s	97.7	303	39.5	39.5	8.2
20-percent AEP flood	382	ft <sup>3</sup> /s	205	649	39.8	39.8	10.8
10-percent AEP flood	549	ft <sup>3</sup> /s	281	964	43	43	12.8
4-percent AEP flood	796	ft <sup>3</sup> /s	380	1470	48.3	48.3	14.9
2-percent AEP flood	1000	ft <sup>3</sup> /s	449	1920	52.7	52.7	15.9
1-percent AEP flood	1230	ft <sup>3</sup> /s	519	2470	57.2	57.2	16.5
0.2-percent AEP flood	1810	ft <sup>3</sup> /s	656	3990	68.4	68.4	17.1

*Peak-Flow Statistics Citations*

**Lorenz, D.L., Sanocki, C.A., and Kocian, M.J., 2009, Techniques for Estimating the Magnitude and Frequency of Peak Flows on Small Streams in Minnesota Based on Data through Water Year 2005: U.S. Geological Survey Scientific Investigations Report 2009-5250, 54 p. (<http://pubs.usgs.gov/sir/2009/5250/pdf/sir2009-5250.pdf>)**

USGS Data Disclaimer: Unless otherwise stated, all data, metadata and related materials are considered to satisfy the quality standards relative to the purpose for which the data were collected. Although these data and associated metadata have been reviewed for accuracy and completeness and approved for release by the U.S. Geological Survey (USGS), no warranty expressed or implied is made regarding the display or utility of the data for other purposes, nor on all computer systems, nor shall the act of distribution constitute any such warranty.

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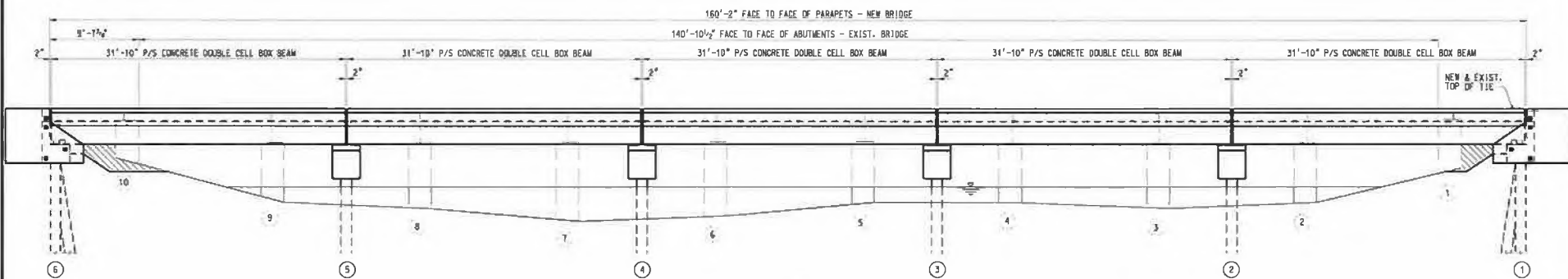
Application Version: 4.6.0

StreamStats Services Version: 1.2.22

NSS Services Version: 2.1.2

EAST TO CASS LAKE, MN

WEST TO D.L. SWITCH, ND



ELEVATION

17th & Lawrence, Clearwater River, Line No. 60.1, 2021, 10/21/21, 10/21/21, 10/21/21

TKDA

404 Cedar Street, Suite 1000  
 St. Paul, MN 55101  
 612.292.4400  
 tkda.com

SURVEY: NJL-TKDA  
 DRAWN: JES-TKDA  
 CHECK: NJL-TKDA  
 DATE: OCT. 2021  
 PLAN:  
 LINE SEG: D031

**BNSF**  
 RAILWAY

BRIDGE ENGINEERING KANSAS CITY, KS

APPROVED:  
 ASST. DIRECTOR STRUCTURES DESIGN

D.L. SWITCH, ND TO CASS LAKE, MN  
 BRIDGE NUMBER 60.1  
 OVER CLEARWATER RIVER NEAR BAGLEY, MN  
 PROPOSED BRIDGE

PLAN NO: 0031-0060-100-001A SHEET: 1 OF 1

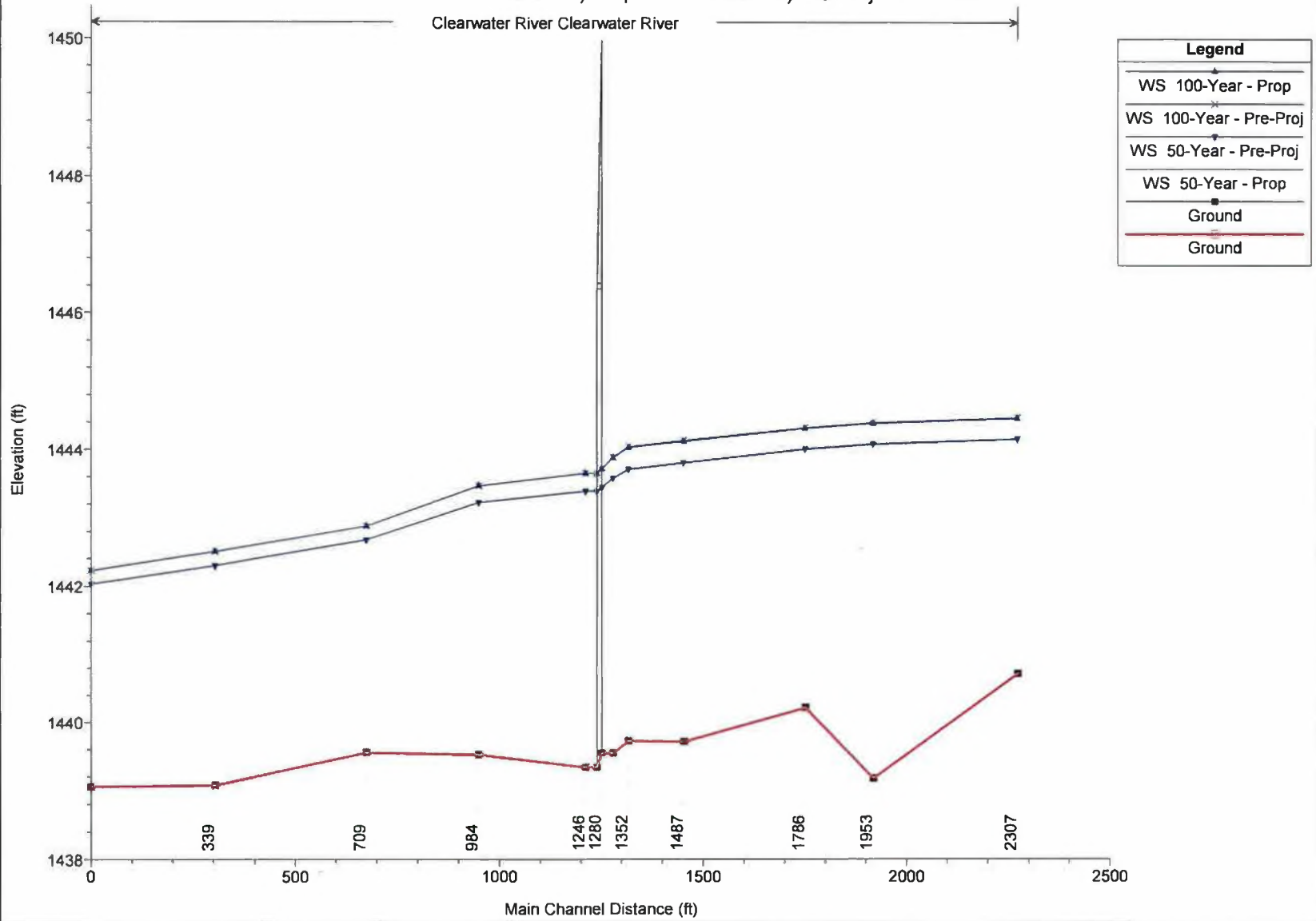
DATA BY SOURCE: 11/17/2021 TIME: 4:17:02 PM SCALE: 1/8" = 1'-0"

HEC-RAS River: Clearwater River Reach: Clearwater River

Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Cleanwater River	35	50-Year	Prop	1000.00	1439.08	1442.04	1440.43	1442.06	0.001001	1.48	938.91	791.47	0.18
Cleanwater River	35	60-Year	Pre-Proj	1000.00	1439.08	1442.04	1440.43	1442.06	0.001001	1.48	938.91	791.47	0.18
Cleanwater River	35	100-Year	Prop	1230.00	1439.08	1442.23	1440.59	1442.26	0.001001	1.54	1094.70	797.81	0.16
Cleanwater River	35	100-Year	Pre-Proj	1230.00	1439.08	1442.23	1440.59	1442.26	0.001001	1.54	1094.70	797.81	0.16
Cleanwater River	839	50-Year	Prop	1000.00	1439.08	1442.30	1440.59	1442.32	0.000693	1.28	1063.83	751.93	0.14
Cleanwater River	339	50-Year	Pre-Proj	1000.00	1439.08	1442.30	1440.59	1442.32	0.000693	1.28	1063.83	751.93	0.14
Cleanwater River	339	100-Year	Prop	1230.00	1439.08	1442.51	1440.71	1442.53	0.000722	1.37	1222.19	795.32	0.14
Cleanwater River	839	100-Year	Pre-Proj	1230.00	1439.08	1442.51	1440.71	1442.53	0.000722	1.37	1222.19	795.32	0.14
Cleanwater River	709	50-Year	Prop	1000.00	1439.58	1442.68	1441.19	1442.75	0.002913	2.26	516.32	447.22	0.27
Cleanwater River	709	50-Year	Pre-Proj	1000.00	1439.58	1442.68	1441.19	1442.75	0.002913	2.26	516.32	447.22	0.27
Cleanwater River	709	100-Year	Prop	1230.00	1439.56	1442.88	1441.38	1442.96	0.002954	2.41	608.91	464.07	0.27
Cleanwater River	709	100-Year	Pre-Proj	1230.00	1439.56	1442.88	1441.38	1442.96	0.002954	2.41	608.91	464.07	0.27
Cleanwater River	884	50-Year	Prop	1000.00	1439.53	1443.23	1441.39	1443.26	0.000989	1.61	724.01	478.25	0.18
Cleanwater River	884	50-Year	Pre-Proj	1000.00	1439.53	1443.23	1441.39	1443.26	0.000989	1.61	724.01	478.25	0.18
Cleanwater River	884	100-Year	Prop	1230.00	1439.53	1443.47	1441.52	1443.51	0.001093	1.78	803.92	484.88	0.18
Cleanwater River	884	100-Year	Pre-Proj	1230.00	1439.53	1443.47	1441.52	1443.51	0.001093	1.78	803.92	484.88	0.18
Cleanwater River	1246	50-Year	Prop	1000.00	1439.34	1443.38	1441.09	1443.42	0.000676	1.51	730.36	668.34	0.14
Cleanwater River	1246	50-Year	Pre-Proj	1000.00	1439.34	1443.39	1441.09	1443.42	0.000716	1.55	703.18	668.43	0.14
Cleanwater River	1246	100-Year	Prop	1230.00	1439.34	1443.65	1441.24	1443.69	0.000783	1.70	792.00	692.10	0.15
Cleanwater River	1246	100-Year	Pre-Proj	1230.00	1439.34	1443.65	1441.23	1443.69	0.000831	1.75	761.77	692.32	0.16
Cleanwater River	1280			Bridge									
Cleanwater River	1314	50-Year	Prop	1000.00	1439.55	1443.58	1441.16	1443.62	0.000847	1.68	629.43	803.40	0.18
Cleanwater River	1314	50-Year	Pre-Proj	1000.00	1439.55	1443.58	1441.16	1443.62	0.000887	1.70	607.74	803.40	0.16
Cleanwater River	1314	100-Year	Prop	1230.00	1439.55	1443.88	1441.33	1443.93	0.000953	1.87	690.23	803.40	0.17
Cleanwater River	1314	100-Year	Pre-Proj	1230.00	1439.55	1443.88	1441.33	1443.94	0.001003	1.91	665.14	803.40	0.17
Cleanwater River	1352	50-Year	Prop	1000.00	1439.73	1443.70		1443.73	0.000738	1.58	906.11	794.84	0.15
Cleanwater River	1352	50-Year	Pre-Proj	1000.00	1439.73	1443.71		1443.74	0.000757	1.60	895.04	795.10	0.15
Cleanwater River	1352	100-Year	Prop	1230.00	1439.73	1444.03		1444.05	0.000678	1.61	1080.11	802.71	0.14
Cleanwater River	1352	100-Year	Pre-Proj	1230.00	1439.73	1444.04		1444.07	0.000693	1.63	1068.40	803.04	0.14
Cleanwater River	1487	50-Year	Prop	1000.00	1439.72	1443.80		1443.82	0.000668	1.76	863.24	690.27	0.16
Cleanwater River	1487	50-Year	Pre-Proj	1000.00	1439.72	1443.81		1443.84	0.000648	1.74	890.16	690.40	0.18
Cleanwater River	1487	100-Year	Prop	1230.00	1439.72	1444.12		1444.14	0.000778	1.76	1051.14	693.46	0.15
Cleanwater River	1487	100-Year	Pre-Proj	1230.00	1439.72	1444.13		1444.16	0.000760	1.74	1059.25	693.61	0.15
Cleanwater River	1788	50-Year	Prop	1000.00	1440.22	1444.00	1442.21	1444.02	0.000517	1.26	1090.11	622.80	0.12
Cleanwater River	1788	50-Year	Pre-Proj	1000.00	1440.22	1444.01	1442.21	1444.03	0.000510	1.25	1085.41	623.65	0.12
Cleanwater River	1788	100-Year	Prop	1230.00	1440.22	1444.31	1442.38	1444.32	0.000504	1.32	1264.24	652.22	0.12
Cleanwater River	1788	100-Year	Pre-Proj	1230.00	1440.22	1444.32	1442.38	1444.33	0.000496	1.31	1270.65	653.81	0.12
Cleanwater River	1953	50-Year	Prop	1000.00	1439.18	1444.07	1441.04	1444.08	0.000239	1.01	1350.74	642.94	0.09
Cleanwater River	1953	50-Year	Pre-Proj	1000.00	1439.18	1444.08	1441.04	1444.09	0.000236	1.01	1356.65	643.92	0.09
Cleanwater River	1953	100-Year	Prop	1230.00	1439.18	1444.38	1441.18	1444.39	0.000250	1.09	1542.87	666.75	0.09
Cleanwater River	1953	100-Year	Pre-Proj	1230.00	1439.18	1444.39	1441.18	1444.40	0.000247	1.08	1549.64	667.50	0.09
Cleanwater River	2307	50-Year	Prop	1000.00	1440.72	1444.15	1442.11	1444.16	0.000329	0.98	1371.30	678.40	0.10
Cleanwater River	2307	50-Year	Pre-Proj	1000.00	1440.72	1444.15	1442.11	1444.16	0.000325	0.98	1376.30	679.38	0.10
Cleanwater River	2307	100-Year	Prop	1230.00	1440.72	1444.45	1442.29	1444.48	0.000316	1.03	1578.05	720.37	0.10
Cleanwater River	2307	100-Year	Pre-Proj	1230.00	1440.72	1444.46	1442.29	1444.47	0.000312	1.02	1585.69	721.13	0.10

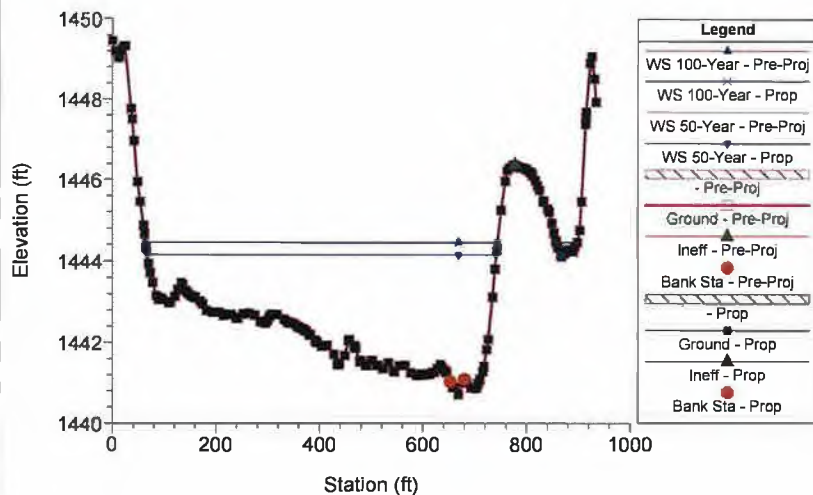
0031-0060.10 Plan: 1) Prop 1/17/2022 2) Pre-Proj 1/17/2022

Clearwater River Clearwater River

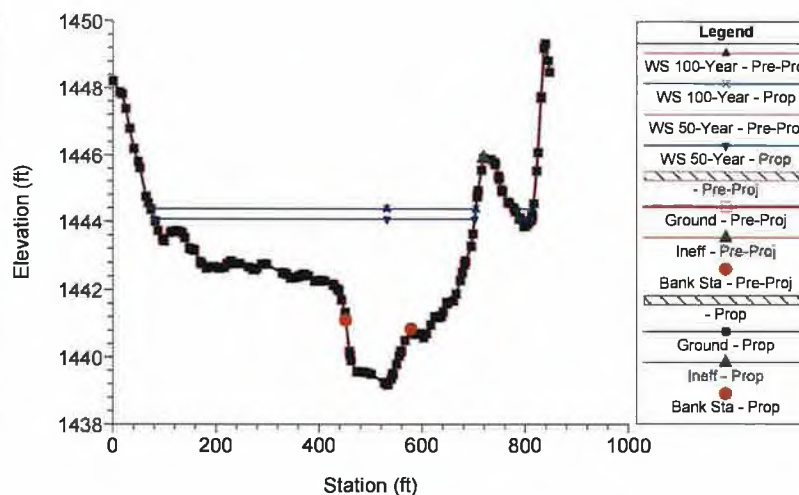




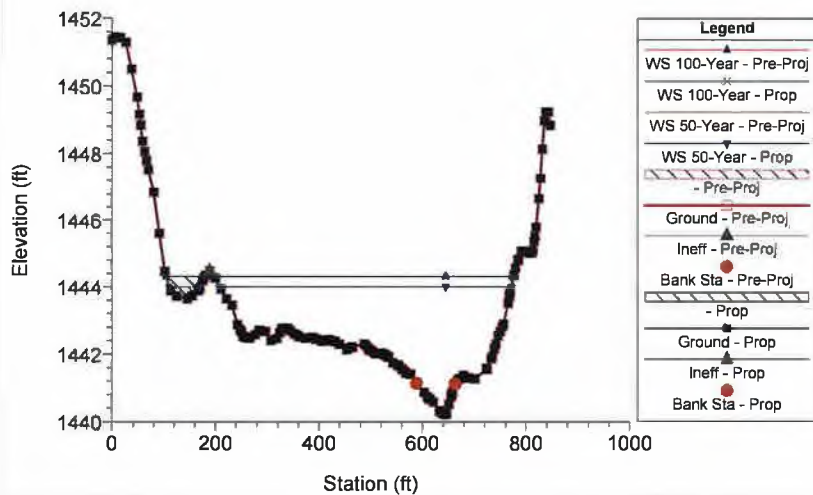
0031-0060.10 Plan: 1) Prop 2) Pre-Proj  
RS = 2307



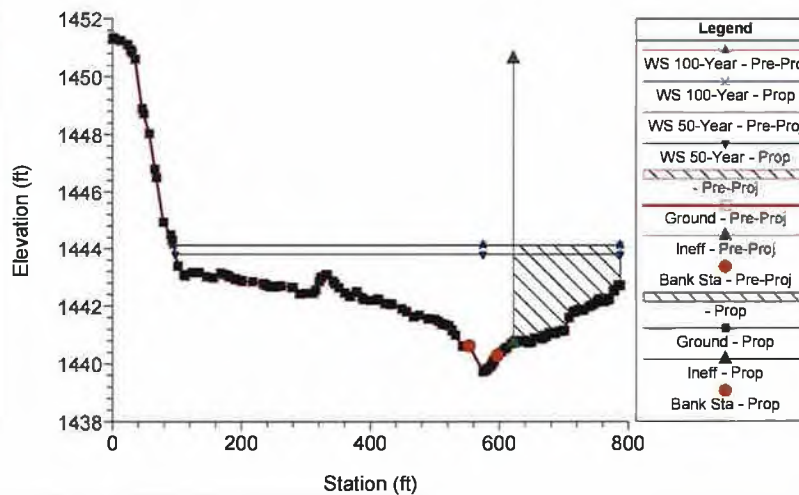
0031-0060.10 Plan: 1) Prop 2) Pre-Proj  
RS = 1953



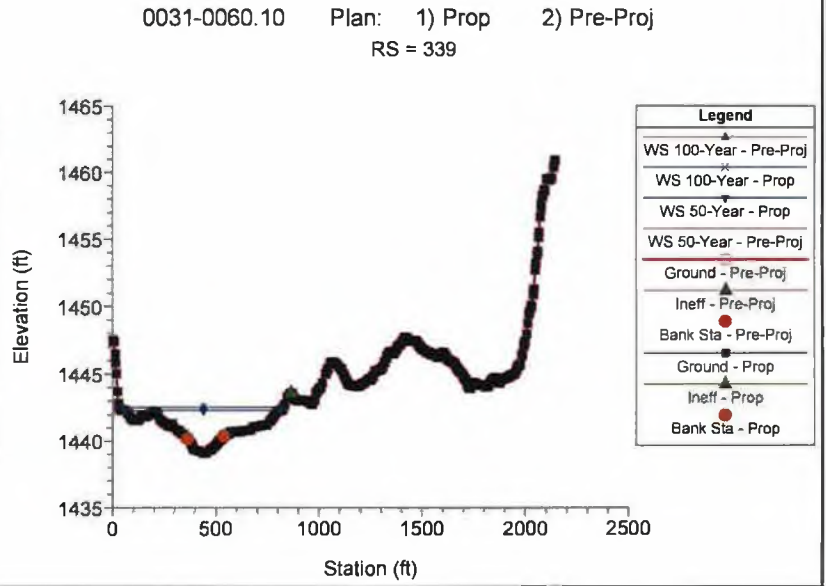
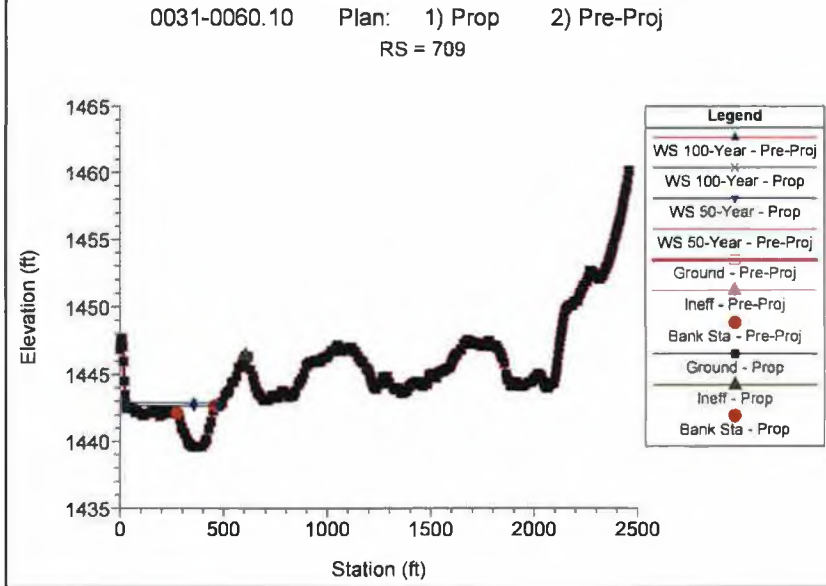
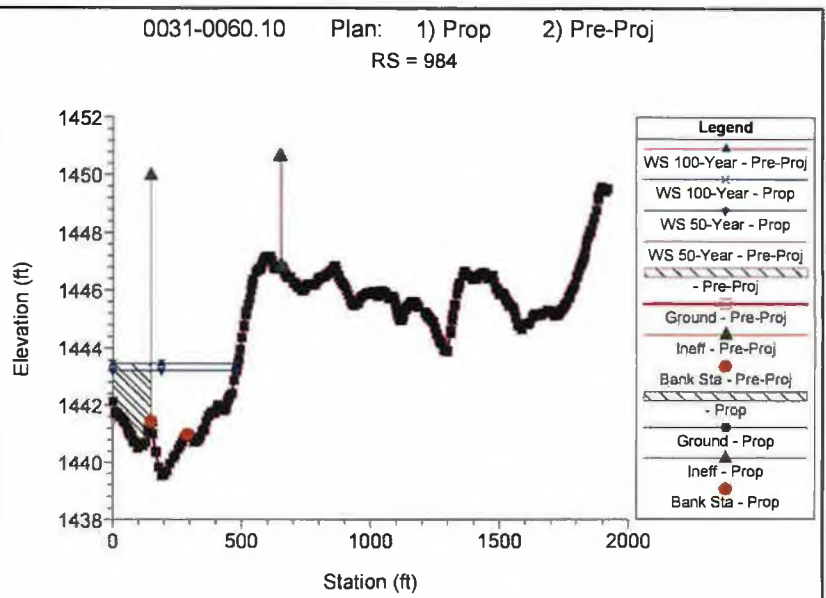
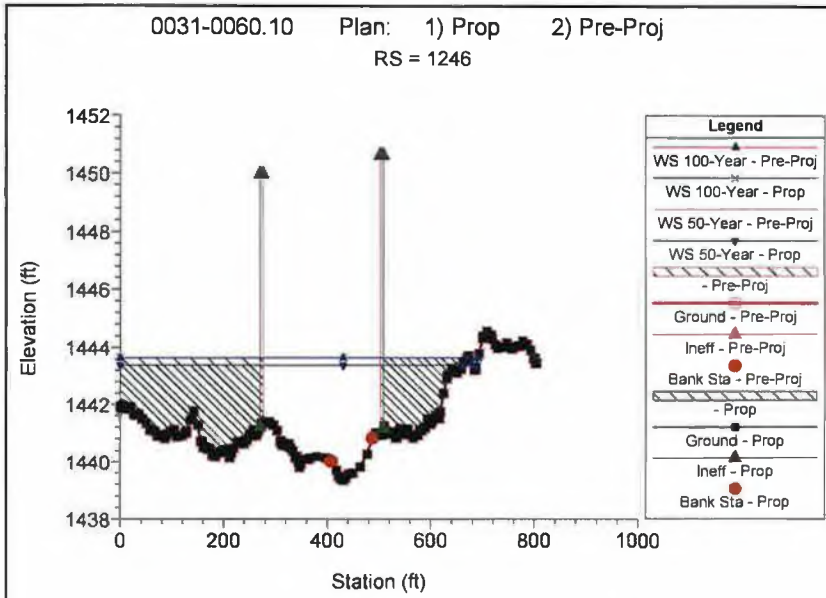
0031-0060.10 Plan: 1) Prop 2) Pre-Proj  
RS = 1786



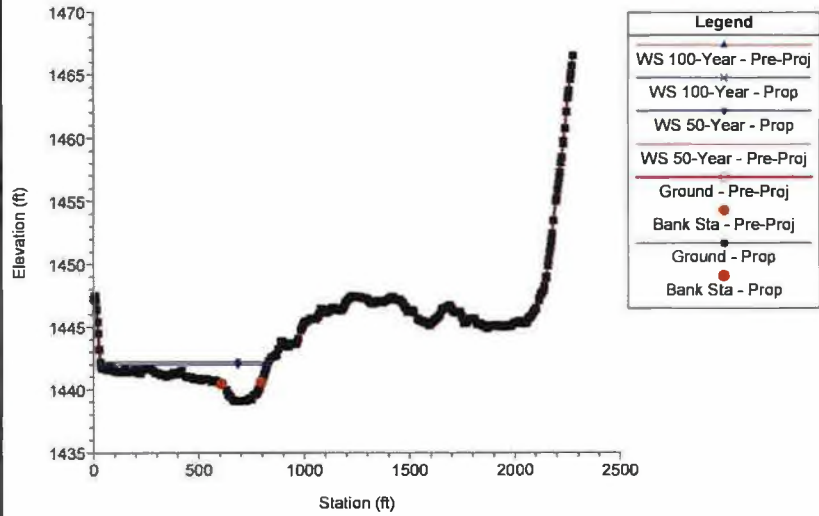
0031-0060.10 Plan: 1) Prop 2) Pre-Proj  
RS = 1487







0031-0060.10 Plan: 1) Prop 2) Pre-Proj  
RS = 35



# *Red Lake Watershed District*

**President**

Dale M. Nelson

**Vice President**

Gene Tiedemann

**Treasurer**

Terry Sorenson

1000 Pennington Avenue South

Thief River Falls, MN 56701

218-681-5800

218-681-5839 FAX

e-mail: [RLWD@redlakewatershed.org](mailto:RLWD@redlakewatershed.org)

[www.redlakewatershed.org](http://www.redlakewatershed.org)

**Secretary**

LeRoy Ose

**Managers**

Brian Dwight

Allan Page

Tom Anderson

March 29, 2023

Jacob Seidel  
TKDA  
BNSF Railway Company  
4515 Kansas Avenue  
Kansas City, KS 66106

Via Email: [Jacob.seidel@TKDA.com](mailto:Jacob.seidel@TKDA.com)

Dear Mr. Seidel:

The Red Lake Watershed District Board of Managers, at their March 23, 2023 meeting, granted a one-year extension for Permit No. 2022-004. The new permit expiration date will be February 24, 2024.

If you have any questions, please contact our office.

Sincerely,



Myron Jesme  
Administrator

MJ/tja



## Tony Olson

---

**From:** Tammy Audette  
**Sent:** Monday, December 18, 2023 12:04 PM  
**To:** Tony Olson; Melissa Bushy  
**Subject:** FW: 2022-004\_Extension  
**Attachments:** 2022-004\_Extension.pdf; 2022-004 (ID 32176).pdf

Agenda item to extend this permit for an additional year.

Tammy Audette  
Administrator  
[Tammy.Audette@redlakewatershed.org](mailto:Tammy.Audette@redlakewatershed.org)  
Red Lake Watershed District  
1000 Pennington Avenue South  
Thief River Falls, MN 56701  
218.681.5800

**From:** Jacob K. Seidel <jacob.seidel@tkda.com>  
**Sent:** Friday, December 8, 2023 2:26 PM  
**To:** Tammy Audette <tammy.audette@redlakewatershed.org>  
**Subject:** RE: 2022-004\_Extension

Happy Friday Tammy,

This project got extended again into later 2024 and the work won't be completed by the 2/24/2024 expiration date.

If your office could extended this for one additional year that would be great. If not I can get y'all a new application for review and approval. Whatever works best for the district.

Thank you!!  
**Jake Seidel**  
Graduate Scientist

P 651.292.4636 | C 224.250.3245  
E [jacob.seidel@tkda.com](mailto:jacob.seidel@tkda.com)  
Remote Worker: IL



**From:** Tammy Audette <[tammy.audette@redlakewatershed.org](mailto:tammy.audette@redlakewatershed.org)>  
**Sent:** Wednesday, March 29, 2023 3:14 PM  
**To:** Jacob K. Seidel <[jacob.seidel@tkda.com](mailto:jacob.seidel@tkda.com)>  
**Subject:** 2022-004\_Extension

**CAUTION:** This email originated from outside of TKDA. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Attached is a letter granting a one-year extension for RLWD Permit No. 2022-004.



Tammy

Tammy Audette

[Tammy.audette@redlakewatershed.org](mailto:Tammy.audette@redlakewatershed.org)

**Red Lake Watershed District**

1000 Pennington Avenue South

Thief River Falls, MN 56701

218.681.5800

RED LAKE WATERSHED DISTRICT  
Subsurface Tile Drainage Application

Landowner Name: Aaron Miller Phone: 218-689-4494

Address (Street, City, State, Zip): 16758 390<sup>th</sup> Ave NE Goodridge, MN 56725

Name of designer: Bill Stanley Phone: 218-280-0031

Name of installer: Stanley Farms Ag Services Phone: 218-280-0031

Legal description and site map and/or GPS coordinates to accurate scale showing location of all tiles, surface water inlets, outlet(s), lift stations, pumps, and flow control devices; (attach maps): N $\frac{1}{2}$  of SE $\frac{1}{4}$  & N $\frac{1}{2}$  of S $\frac{1}{2}$  of SE $\frac{1}{4}$

Section # 18 Township (Name & #) Star T-153-N Range # R-39-W County Pen

Land area to be tiled (acres): 120

Type of tiling (circle)  Pattern Tile  Random Tile  
360<sup>th</sup> Ave NE  
130<sup>th</sup> St NE

Type of outlet (circle) Lift Station/Pump  Gravity  Other \_\_\_\_\_

Date proposed plan submitted: Month 6 Day 1 Year 2023

Pump/lift station outlet flow capacity (GPM) 3/8" Drainage Coefficient

- All subsurface tile drainage systems must protect from erosion and include RLWD approved erosion control measures.
- All subsurface tile outlets including lift station pumps, must be located out of a legal drainage system and governmental roadway right of way unless approved by District and must be visibly marked.
- It is recommended that after harvest, tile outlet controls, including lift station pumps, be opened or turned on to remove water from the system unless downstream culverts are freezing.
- Obtaining a permit from the RLWD Managers does not relieve the applicant from the responsibility of obtaining any other additional authorization or permits required by law. (Ex: NRCS, SWCD, Township, County, State, etc.)
- Upon completion of the project, "As Built" plans must be provided to the District.
- Consideration must be made for turning off pumps for short period of times during the summer so maintenance can be performed on public, legal and private drainage ways, such as road ditches or private natural field drains.

EXHIBITS. The following exhibits may be requested to accompany the permit application. Two copies, (standard paper size of 8.5 inches by 11 inches), which include:

Signature of Owner 

Date: 6-1-2023

**RLWD staff use:**

Permit # 23-086

Date received: \_\_\_\_\_

RECEIVED

Drain tile outlets to: \_\_\_\_\_

JUN 14 2023

Legal System (Benefited Area): \_\_\_\_\_

Culvert size upstream and downstream of tile outlet: \_\_\_\_\_

Initial: MS

RED LAKE WATERSHED DISTRICT PERMIT NUMBER 23-086

In the matter of the application of: Aaron Miller, 16758 390th Ave NE, Goodridge, MN 56725

Pursuant to Minnesota Statutes Chapter 103D, the Permit and Drainage Rules of the Red Lake Watershed District, and on the basis of the statement and information contained in the permit application submitted by applicant, including all letters, maps, and other supporting data furnished by applicant, all of which are made a part hereof by reference, permission is hereby granted to Aaron Miller address for the purposes of notice and other communications pertaining to this permit is 16758 390th Ave NE, Goodridge, MN 56725 the purpose of doing the work applied for with the following exceptions, changes, and/or special conditions:

This permit is granted subject to the following provisions:

- 1) This permit is permissive only and shall not release the permittee from any liability or obligation imposed by Minnesota Statutes, Federal Law or Local Ordinances and shall be subject to all conditions and limitations now or hereafter imposed by law. The Red Lake Watershed District makes no representations to the applicant in granting the permit that the proposed work complies or does not comply with the existing law. No liability shall be imposed upon or incurred by the District or any of its officers, agents or employees, officially or personally, on account of the granting of this permit, or on account of any damage to any person or property resulting from any act or omission of the permittee or any of its agents, employees or contractors relating to any matter hereunder. This permit shall not be construed as estopping or limiting any legal claim or right of action of the District against the permittee, its agents, employees, or contractors for violation of or failure to comply with the provisions of the permit or applicable provisions of law.
- 2) Work authorized under this permit shall be completed by July 18, 2024, unless extended by the District.
- 3) The permittee shall grant access to the site at all reasonable times during and after construction to authorized representatives of the District for inspection of the work authorized by this permit.
- 4) This permit may be terminated by the District without notice at any time deemed necessary for the management of the water resources of the District, or in the interest of the public health and welfare, or for violation of any of the provisions of this permit.

Dated this 18th day of July, 2023.

Red Lake Watershed District



Tammy Audette, Administrator

P.A. No. 23-086



Permit # 23-086

Status Report: **Approved**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Aaron Miller		16758 390th AVE NE Goodridge, MN 56725		tel:218-689-4494 mobile: fax:

**General Information**

(1) The proposed project is a:

**No work type selected.**

(2) Legal Description

(3) County: **None** Township: **None** Range: **None** Section: **None** 1/4:

(4) Describe in detail the work to be performed.

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

**Status**

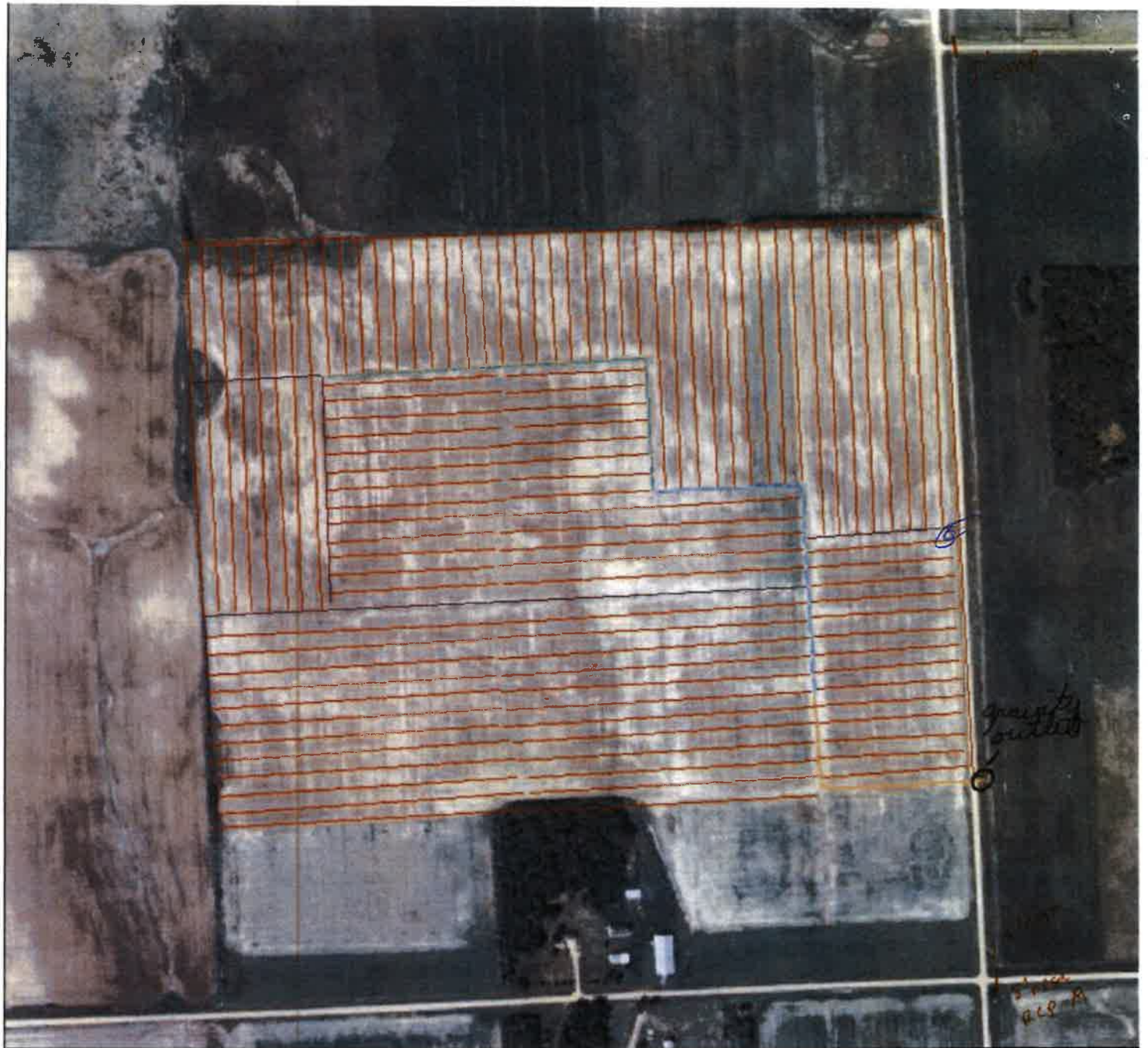
Status	Notes	Date
Approved	P.A. #23-086 – Aaron Miller Pennington County – Star Township – Section 18 The Red Lake Watershed District (RLWD) approves the pattern tile project with 'gravity' outlet. If any work is within a public road and/or public ditch Right-of-Way, applicant shall contact the appropriate 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: 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.	June 29, 2023
Received	None	June 14, 2023

**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.



Stanley Farms  
Aaron Miller  
Star 18 SE1\_4

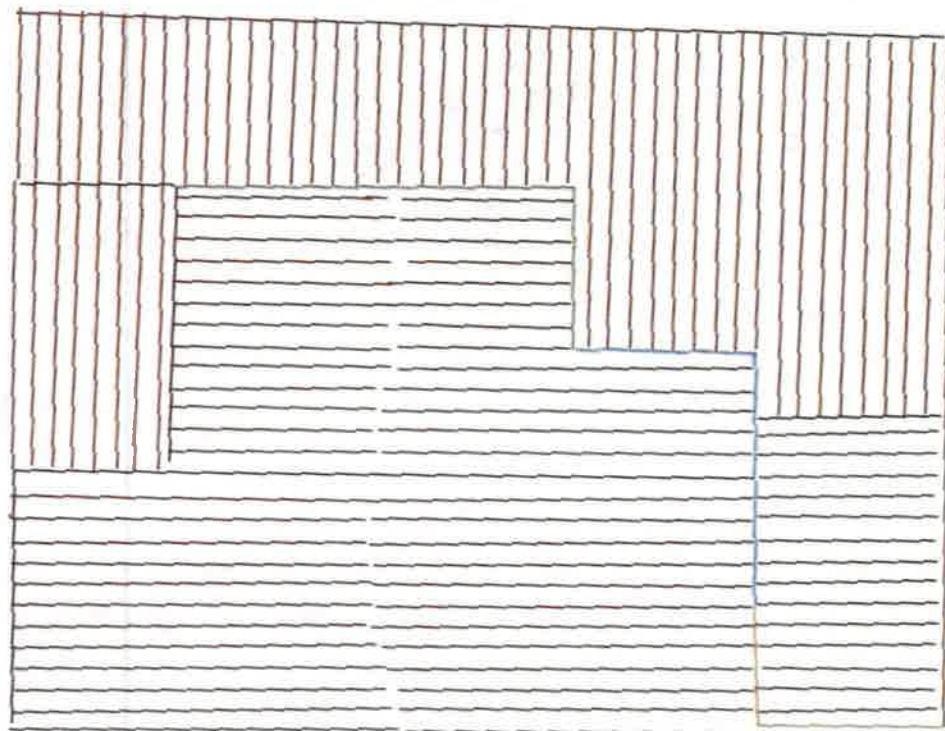


- 04 inch Pipe - 88747 t
- 06 inch Pipe - 4525 t
- 08 inch Pipe - 1583 t
- 12 DW inch Pipe - 892 t
- 12 inch Pipe - 1235 t

*quantity  
outlined*

*5.1.2022  
RCP - R*

**Stanley Farms  
Aaron Miller  
Star 18 SE1\_4**



— 04 inch Pipe - 88747 t  
— 06 inch Pipe - 4525 t  
— 08 inch Pipe - 1583 t  
— 12 DW inch Pipe - 892 t

— 12 inch Pipe - 1235 t

# Pennington County

Property Information, Owner, Legal Description, and Assessed Values displayed below are taken from the Tax Statements (good as of the date the tax statements were printed).

The Taxes, Special Assessments, Penalty, Interest, Paid To Date, Balance Due, Installment, Receipt information, and History is live information (accessed live from the County's Tax System dynamically).

<b>Property Information</b>	
<b>Parcel Number</b> 2001807901	<b>Payable Year:</b> 2023
<b>Property Address</b>	<b>Tax Roll Type:</b> Real Estate <b>Jurisdiction :</b> STAR TOWNSHIP <b>School District:</b> SCHOOL DISTRICT 561

<b>Owner Information</b>
<b>Primary Taxpayer/Owner</b> AARON L MILLER JODY M MILLER 16758 390TH AVENUE NE GOODRIDGE MN 56725

<b>Legal Description</b> Sect-18 Twp-153 Range-039 120.00 AC N1/2SE1/4, N1/2S1/2SE1/4
<b>Plat:</b>

Real Estate and Personal Property Taxes are determined using the previous year assessment value. Mobile Home Taxes are determined using the current year assessment value.

*\*\*Additional reductions in taxable value may apply due to special tax deferrals, This Old House, Plat Laws, etc.*

**Property Classification:** AG HMSTD

<b>Assessment Year</b>	
Est. Market Value - Total	\$195,100
Taxable Market Total	\$195,100

<b>Payable Year</b>	
Total Tax	\$816.93
<b>Special Assessments</b>	
DITCH MAINTENANCE	\$51.68 CD 38
DITCH	\$30.99 CD 41



**MAINTENANCE**  
**DITCH** \$86.40  
**MAINTENANCE**

CD 75

Penalty \$0.00  
 Interest \$0.00  
 Fee \$0.00

Tax/Asmts \$986.00  
 Total \$986.00  
 Paid To Date \$493.00  
**Unpaid Balance \$493.00**

**Installments**

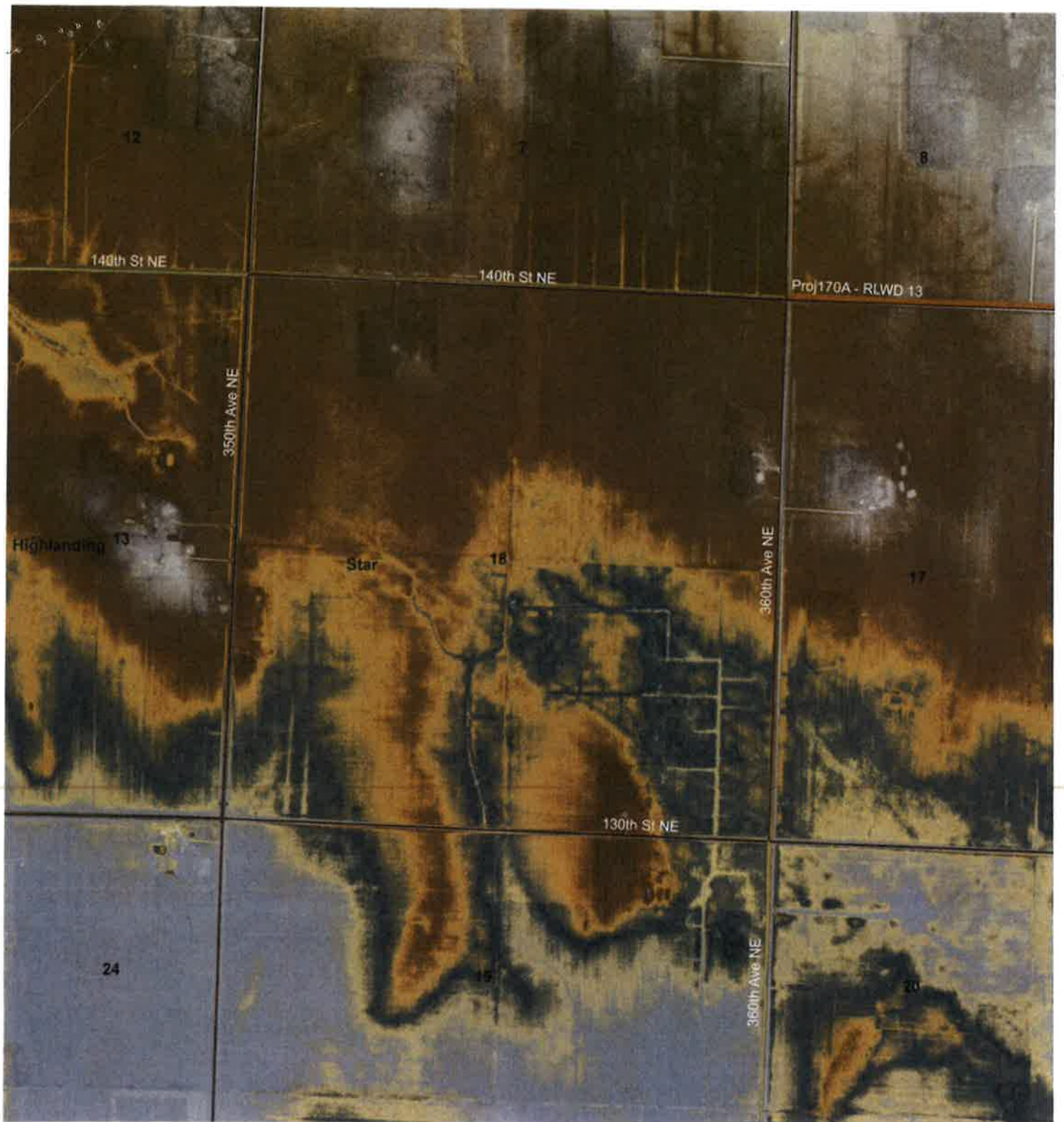
Installments	Due Date	Due Amount
Taxes/Assessments 1st Half	05/15/2023	\$0.00
Taxes/Assessments 2nd Half	11/15/2023	\$493.00

**Receipts**

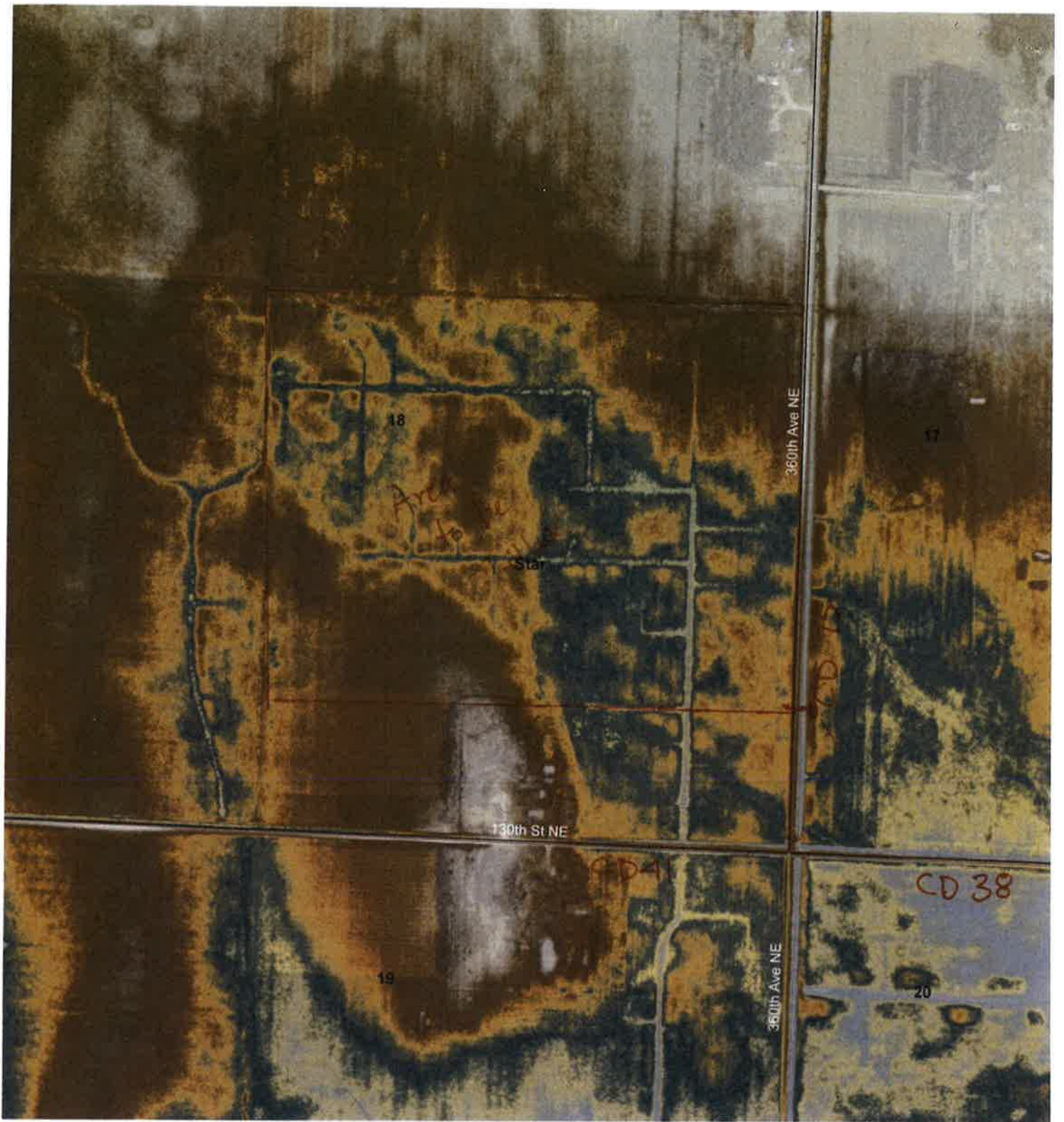
Receipt#	Date	Amount
0298842	04/18/2023	\$493.00

**History**

Payable Year	Tax	Special Assessment	Penalty Interest & Fees	Amount Paid	Total Due	Add To cart
2022	\$830.93	\$169.07	\$0.00	\$1,000.00	\$0.00	Paid
2021	\$850.93	\$169.07	\$0.00	\$1,020.00	\$0.00	Paid
2020	\$872.93	\$169.07	\$0.00	\$1,042.00	\$0.00	Paid
2019	\$836.93	\$169.07	\$0.00	\$1,006.00	\$0.00	Paid
2018	\$822.93	\$169.07	\$0.00	\$992.00	\$0.00	Paid
2017	\$818.93	\$169.07	\$0.00	\$988.00	\$0.00	Paid
2016	\$1,232.93	\$169.07	\$0.00	\$1,402.00	\$0.00	Paid
2015	\$684.93	\$169.07	\$0.00	\$854.00	\$0.00	Paid
2014	\$566.93	\$169.07	\$29.45	\$765.45	\$0.00	Paid











Permit # 18-145

Status Report: **Approved**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Robert Mayer		21475 300th Street SE Erskine, MN 56535		tel: 218-687-3085 mobile: fax:

**General Information**

(1) The proposed project is a:

**Culvert Installation / Removal / Modification**

(2) Legal Description

(3) County: Polk Township **Badger** Range: 42 Section: 15 1/4: **NW1/4**

(4) Describe in detail the work to be performed **Install entrance and culvert in east ditch of township road (or span bridge)**

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

**Status**

Status	Notes	Date
Approved	None	Oct. 25, 2018
Received	None	Oct. 22, 2018

**Conditions**

**P.A. #18145 - Robert Mayer - "after-the-fact" permit – for Board on Oct. 25th (see letter sent to applicant on October 16, 2018) Red Lake Watershed District (RLWD) approval to remove the existing 24 in. diameter culvert and install a field entrance with a 36 in. diameter culvert, or applicant may install a 'span bridge' across the ditch as per approval of Badger Township specs/conditions; proposed work is within township road Right-of Way. For proposed work on lands not owned by applicant, he/she must obtain, in writing, permission from the affected landowners to perform proposed work. 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.

RED LAKE WATERSHED DISTRICT PERMIT NUMBER 18145

In the matter of the application of: Robert Mayer, 21475 300th Street SE, Erskine, MN 56535

Pursuant to Minnesota Statutes Chapter 103D, the Permit and Drainage Rules of the Red Lake Watershed District, and on the basis of the statement and information contained in the permit application submitted by applicant, including all letters, maps, and other supporting data furnished by applicant, all of which are made a part hereof by reference, permission is hereby granted to Robert Mayer address for the purposes of notice and other communications pertaining to this permit is 21475 300th Street SE, Erskine, MN 56535 the purpose of doing the work applied for with the following exceptions, changes, and/or special conditions:

**“After-The-Fact” Permit – for Red Lake Watershed District (RLWD) Board on October, 25, 2018 (see letter sent to applicant on October 16, 2018). RLWD approval to remove the existing 24 in. diameter culvert and install a field entrance with a 36 in. diameter culvert, or applicant may install a ‘span bridge’ across the ditch as per approval of Badger Township specs/conditions; proposed work is within township road Right-of Way. For proposed work on lands not owned by applicant, he/she must obtain, in writing, permission from the affected landowners to perform proposed work. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166)**

This permit is granted subject to the following provisions:

- 1) This permit is permissive only and shall not release the permittee from any liability or obligation imposed by Minnesota Statutes, Federal Law or Local Ordinances and shall be subject to all conditions and limitations now or hereafter imposed by law. The Red Lake Watershed District makes no representations to the applicant in granting the permit that the proposed work complies or does not comply with the existing law. No liability shall be imposed upon or incurred by the District or any of its officers, agents or employees, officially or personally, on account of the granting of this permit, or on account of any damage to any person or property resulting from any act or omission of the permittee or any of its agents, employees or contractors relating to any matter hereunder. This permit shall not be construed as estopping or limiting any legal claim or right of action of the District against the permittee, its agents, employees, or contractors for violation of or failure to comply with the provisions of the permit or applicable provisions of law.
- 2) Work authorized under this permit shall be completed by November 1, 2019, unless extended by the District.
- 3) The permittee shall grant access to the site at all reasonable times during and after construction to authorized representatives of the District for inspection of the work authorized by this permit.
- 4) This permit may be terminated by the District without notice at any time deemed necessary for the management of the water resources of the District, or in the interest of the public health and welfare, or for violation of any of the provisions of this permit.

Dated this 1 day of November, 2018.

Red Lake Watershed District

  
Myron Jesme, Administrator

P.A. No. 18145

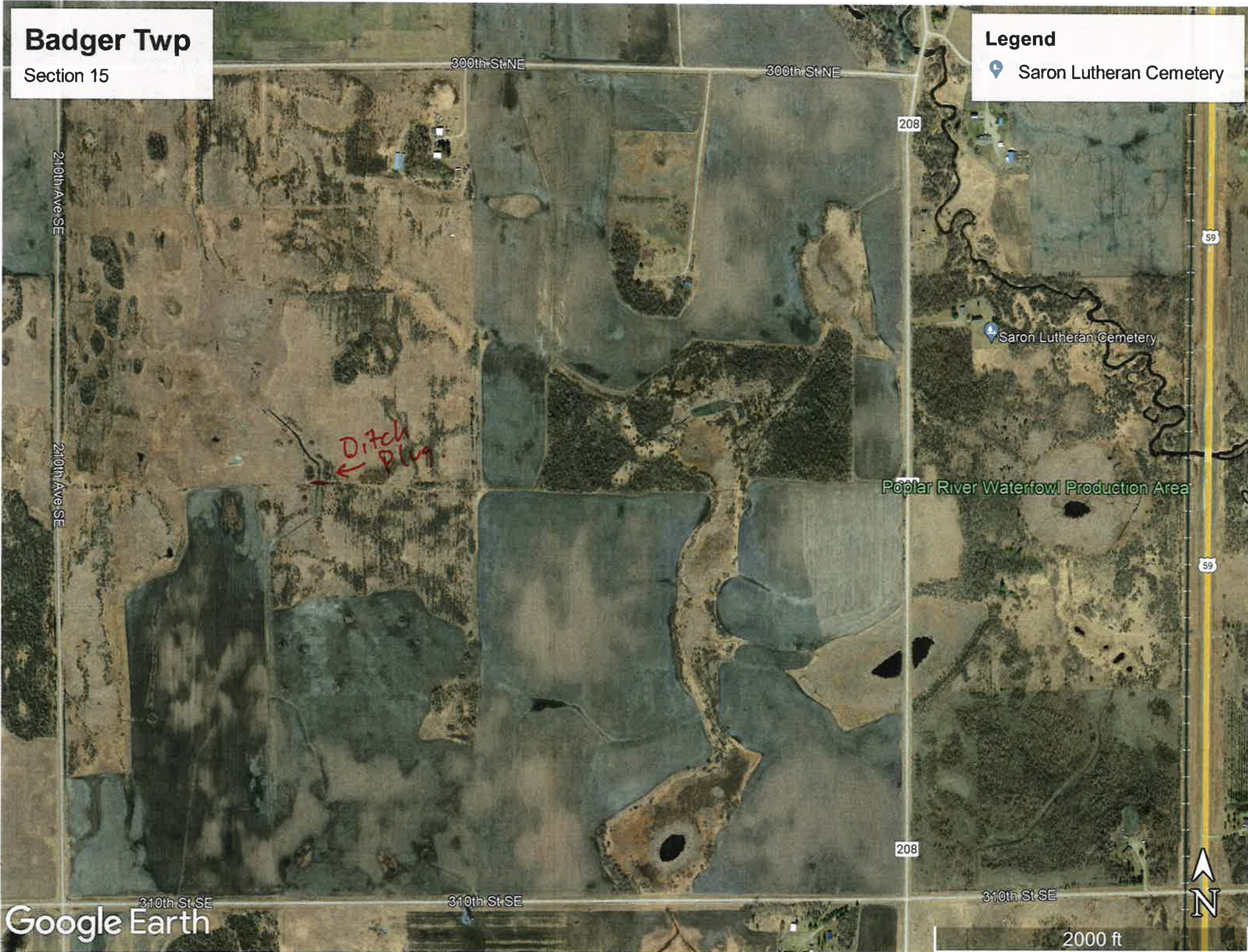


# Badger Twp

Section 15

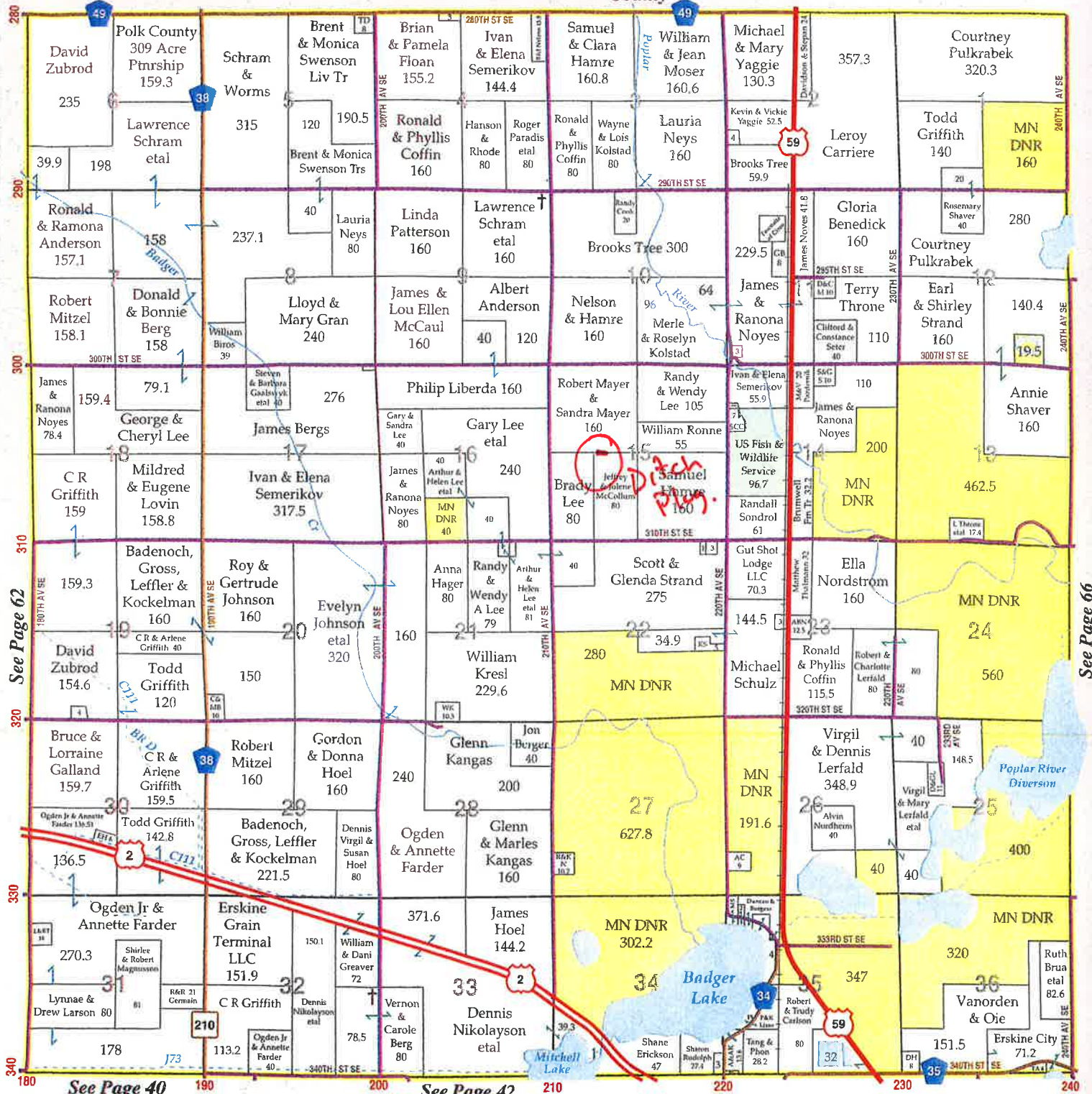
## Legend

 Saron Lutheran Cemetery





Red Lake County



Nestled in the heart of northwestern Minnesota, Fosston is in the center of many natural attractions and offers a variety of activities. Whether your passion is snowmobiling, hunting, fishing, golfing or birdwatching, its all within less than an hour's drive from Fosston.

# Red Lake Watershed District

**President**  
Dale M. Nelson

**Vice President**  
Gene Tiedemann

**Treasurer**  
Terry Sorenson

1000 Pennington Avenue South  
Thief River Falls, MN 56701  
218-681-5800  
218-681-5839 FAX  
e-mail: [rlwaters@wiktel.com](mailto:rlwaters@wiktel.com)  
[www.redlakewatershed.org](http://www.redlakewatershed.org)

**Secretary**  
LeRoy Ose

**Managers**  
Allan Page  
Brian Dwight  
Les Torgerson

October 16, 2018

Robert Mayer  
21475 300th St. SE  
Erskine, MN 56535

Re: Non-permitted work (field entrance & culvert) – Polk Co. – Badger Twp. – NW ¼ - sec. 15

Dear Robert:

Thank you for our meeting yesterday, and as we discussed, this is a follow up letter that I said I would be forth coming.

Our office was recently notified by Badger Township that a field entrance and culvert were installed within township road right-of-way in section 15, and they asked us to review the matter.

This type of work does require a Red Lake Watershed District (RLWD) permit application, which was not received. Therefore, as directed by the Red Lake Watershed District (RLWD) Board of Managers, this letter is a first, and only notification, pertaining to unauthorized/unpermitted work. It is in reference to the field entrance and a 24 in. diameter culvert, installed in the east ditch of Badger township road (210<sup>th</sup> Ave. SE) at the location mentioned above.

During our meeting, we looked at topography maps (steep gradient), drainage area, existing culvert sizes and discussed the need for a larger diameter culvert (36 inch) which you agreed to, at your entrance, to adequately pass flows received from the area upstream. A 42 in. x 29 in. “arch” type culvert would also be acceptable, or, your idea of a ‘span’ timber bridge with adequate waterway may also an option.

Since proposed work is within the township road right-of-way, approval from Badger Township will also be required, and depending on which option you choose, (culvert, or bridge) certain conditions will apply for road safety concerns. Culvert installation option appears to be the most cost effective and easiest to install.

The RLWD permit you reviewed and signed yesterday will be considered an “after the fact” permit, and will be reviewed/ processed in the normal manner. I will discuss your permit at the next RLWD Board of Managers meeting, on October 25, 2018. You are not required to attend.



Robert Mayer  
Page 2  
October 16, 2018

In the future, if you plan to do any work that requires a permit application, submit to our office in a timely manner so appropriate inspection and review can be completed prior to the actual work. Permit applications and rules are available via postal mail or on our web site at [www.redlakewatershed.org](http://www.redlakewatershed.org)

Please keep in mind, that if there is a second violation of work being done without a proper permit application, the RLWD Board of Managers permitting policy states, in part, that work done without a permit may be subject to Administrative fees and/or, that the work already done, be restored to its recent original condition.

Prior to any work concerning your permit application, please notify our office so we can address specific issues/details.

If you have any questions, please call our office and speak to myself or Administrator Myron Jesme.

Sincerely,



Loren Sanderson  
Engineering Specialist

Enclosures:

Pc: Terry Sorenson - RLWD Board Manager - East Polk Co.  
Clerk - Badger Township



**APPLICATION FOR PERMIT  
RED LAKE WATERSHED DISTRICT**  
1000 Pennington Avenue South  
Thief River Falls, MN 56701  
218-681-5800

TO THE BOARD OF MANAGERS:

Applicant's Name: <b>ROBERT MAYER</b>		Telephone Number: <b>218-687-3085</b>	
Address (Street, RFD, Box No., City, State, Zip): <b>21475 300<sup>th</sup> ST SE      ERSKINE, MN 56535</b>			
Project Location: Government Lot _____ Quarter Section(s) <b>NW</b> Section(s) <b>15</b>			
Township (Name & #) <b>BADGER T-149-<del>04</del>N</b> Range # <b>42-W</b> County <b>POLK</b>			
Type of Work Proposed:			
<input type="checkbox"/> Excavate	<input checked="" type="checkbox"/> Install	<input type="checkbox"/> Channel	<input type="checkbox"/> Dike
<input type="checkbox"/> Fill	<input checked="" type="checkbox"/> Remove <b>24"</b>	<input checked="" type="checkbox"/> Culvert (Size <b>36"</b> ) <b>DA. OR</b>	<input type="checkbox"/> Erosion Control
<input type="checkbox"/> Drain	<input type="checkbox"/> Other	<input checked="" type="checkbox"/> Bridge (Size _____) <b>TIMBER</b>	<input type="checkbox"/> Tile
<input type="checkbox"/> Construct	<input type="checkbox"/>	<input type="checkbox"/> Dam	<input type="checkbox"/> Other

*Equiv. ARCH PIPE 42" x 29"*  
*BRIDGE TO SPAN DITCH*

Be sure to attach all necessary reports, maps, drawings, photos, other data, etc., to support permit application.

Description of work to be done: <b>Remove Existing 24" dia INSTALL ENTRANCE &amp; CULVERT IN EAST DITCH OF TWP. Rd.</b>	
Estimated drainage area: acres _____ or sq. mile(s) _____	<b>(OR A SPAN BRIDGE)</b>
Work is necessary because: <b>ACCESS TO PROPERTY</b>	

I hereby make application for a permit to proceed with the proposal described above and have attached all supporting maps, plans, and other information submitted with this application. The information submitted and statements made concerning this application are true and correct to the best of my knowledge. Obtaining a permit from the Managers does not relieve the applicant from the responsibility of obtaining any other additional authorization or permits required by law.

Signature of landowner: <i>Robert Mayer</i>	Date: <b>10-15-18</b>
--	--------------------------



For Office Use Only P.A. No. <b>18145</b>
--

**APPLICATION FOR PERMIT  
RED LAKE WATERSHED DISTRICT**  
1000 Pennington Avenue South  
Thief River Falls, MN 56701  
218-681-5800

TO THE BOARD OF MANAGERS:

Applicant's Name: <b>ROBERT MAYER</b>		Telephone Number: <b>218-687-3085</b>	
Address (Street, RFD, Box No., City, State, Zip): <b>21475 300<sup>th</sup> ST SE ERSKINE, MN 56535</b>			
Project Location: Government Lot _____ Quarter Section(s) <b>NW</b> Section(s) <b>15</b>			
Township (Name & #) <b>BADGER T-149-<del>04</del>N</b> Range # <b>42-W</b> County <b>POLK</b>			
Type of Work Proposed:			
<input type="checkbox"/> Excavate	<input checked="" type="checkbox"/> Install	<input type="checkbox"/> Channel	<b>Equiv. ARCH PIPE 42" x 29"</b>
<input type="checkbox"/> Fill	<input checked="" type="checkbox"/> Remove <b>24"</b>	<input checked="" type="checkbox"/> Culvert (Size <b>36"</b> )	<input type="checkbox"/> Dike
<input type="checkbox"/> Drain	<input type="checkbox"/> Other	<input checked="" type="checkbox"/> Bridge (Size _____)	<input type="checkbox"/> Erosion Control
<input type="checkbox"/> Construct	<input type="checkbox"/>	<input type="checkbox"/> Dam	<input type="checkbox"/> Tile
			<input type="checkbox"/> Other <b>BRIDGE TO SPAN DITCH</b>

Be sure to attach all necessary reports, maps, drawings, photos, other data, etc., to support permit application.

Description of work to be done: <b>REMOVE EXISTING 24" DIA. INSTALL ENTRANCE &amp; CULVERT IN EAST DITCH OF TWP. Rd.</b>	
Estimated drainage area: acres _____ or sq. mile(s) _____	<b>(OR A SPAN BRIDGE)</b>
Work is necessary because: <b>ACCESS TO PROPERTY</b>	

I hereby make application for a permit to proceed with the proposal described above and have attached all supporting maps, plans, and other information submitted with this application. The information submitted and statements made concerning this application are true and correct to the best of my knowledge. Obtaining a permit from the Managers does not relieve the applicant from the responsibility of obtaining any other additional authorization or permits required by law.

Signature of landowner: <i>Robert Mayer</i>	Date: <b>10-15-18</b>
--	--------------------------

MJ

For Office Use Only P.A. No. <b>18145</b>
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RED LAKE WATERSHED DISTRICT

I RECOMMEND approval of this permit.

I DO NOT RECOMMEND the approval of this permit.

I request this application be put on the agenda for the next Board meeting.

Comments: \_\_\_\_\_

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Date 10-23-18

Signature Loren Sanderson

Title Eng. Spec.



APPLICATION FOR PERMIT  
RED LAKE WATERSHED DISTRICT

1000 Pennington Avenue South  
Thief River Falls, MN 56701  
218-681-5800

TO THE BOARD OF MANAGERS:

Applicant's Name: <u>ROBERT MAYER</u>		Telephone Number: <u>218-687-3085</u>	
Address (Street, RFD, Box No., City, State, Zip): <u>21475 300<sup>th</sup> ST SE</u> <u>ERSKINE, MN 56535</u>			
Project Location: Government Lot _____ Quarter Section(s) <u>NW</u> Section(s) <u>15</u>			
Township (Name & #) <u>BADGER</u> <u>T-149-<del>5</del>N</u> Range # <u>42-W</u> County <u>POLK</u>			
Type of Work Proposed:		EQUIV. ARCH PIPE 42" X 29"	
<input type="checkbox"/> Excavate	<input checked="" type="checkbox"/> Install	<input type="checkbox"/> Channel	<input type="checkbox"/> Dike
<input type="checkbox"/> Fill	<input type="checkbox"/> Remove	<input checked="" type="checkbox"/> Culvert (Size <u>36"</u> )	<input type="checkbox"/> Erosion Control
<input type="checkbox"/> Drain	<input type="checkbox"/> Other	<input checked="" type="checkbox"/> Bridge (Size _____)	<input type="checkbox"/> Tile
<input type="checkbox"/> Construct	<input type="checkbox"/>	<input type="checkbox"/> Dam	<input type="checkbox"/> Other

Be sure to attach all necessary reports, maps, drawings, photos, other data, etc., to support permit application.

Description of work to be done: <u>INSTALL ENTRANCE &amp; CULVERT IN EAST DITCH OF TWP. Rd.</u>	
Estimated drainage area: acres _____ or sq. mile(s) _____ <u>(OR A SPAN BRIDGE)</u>	
Work is necessary because: <u>ACCESS TO PROPERTY</u>	

I hereby make application for a permit to proceed with the proposal described above and have attached all supporting maps, plans, and other information submitted with this application. The information submitted and statements made concerning this application are true and correct to the best of my knowledge. Obtaining a permit from the Managers does not relieve the applicant from the responsibility of obtaining any other additional authorization or permits required by law.

Signature of landowner: <u>Robert Mayer</u>	Date: <u>10-15-18</u>
--	--------------------------

MJ

For Office Use Only  
P.A. No. 18145

RED LAKE WATERSHED DISTRICT

I RECOMMEND approval of this permit.

I DO NOT RECOMMEND the approval of this permit.

I request this application be put on the agenda for the next Board meeting.

Comments: \_\_\_\_\_

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Date 10.25.18

Signature 

Title RLWD Manager

Badger Township  
31214 190<sup>th</sup> Ave SE  
Erskine, MN 56353

Red Lake Watershed District,

As the Clerk of Badger township, I am writing to you in concern about the size of a culvert  
Between sections 15 & 16, approximately 1/3 mile south of 300<sup>th</sup> Street SW.

Badger township board request that you please review the size of this culvert to ensure  
that it is the proper size.

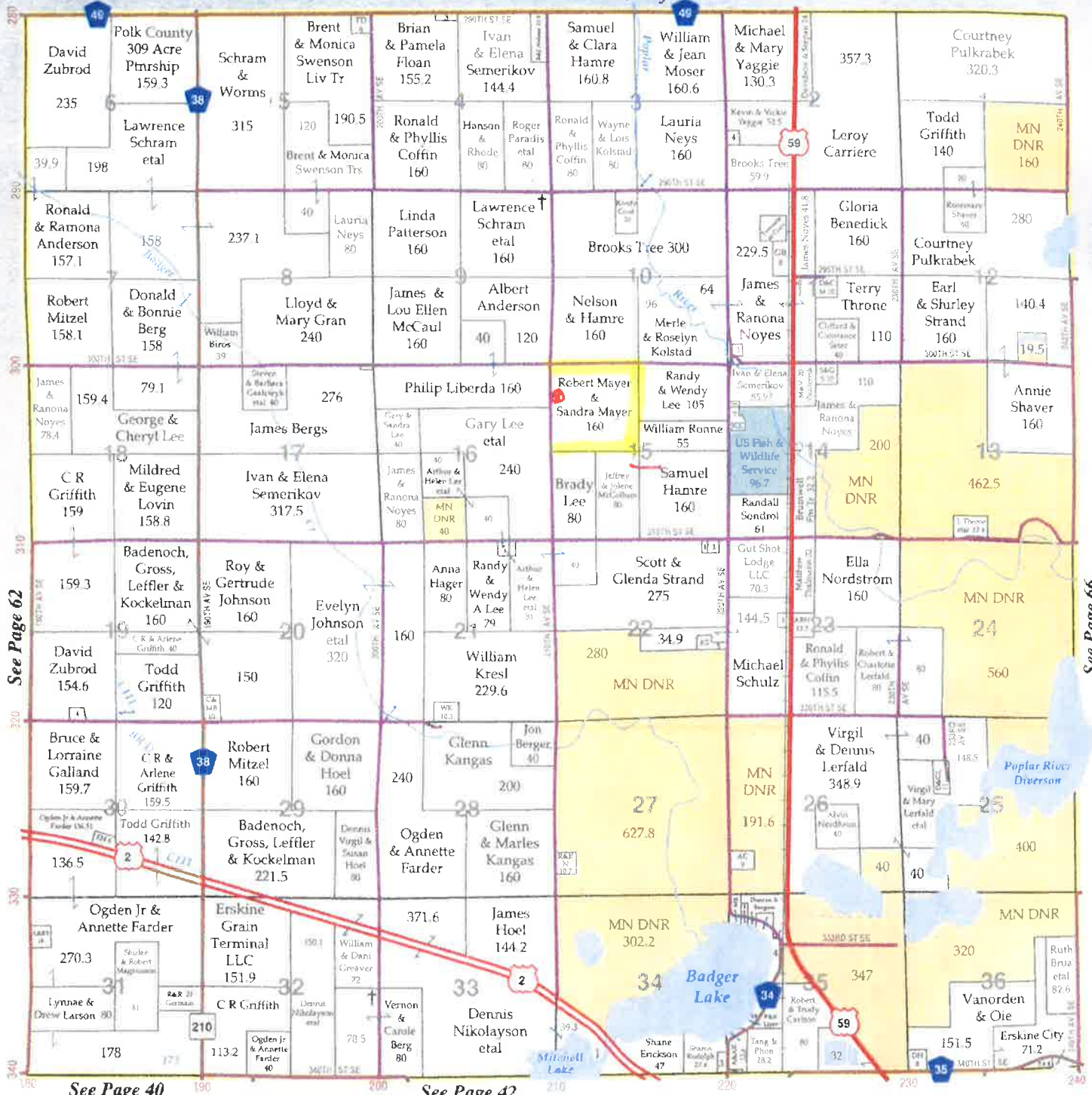
Thank you,  
Badger Township Board  
Karen Johnson/Clerk

*K Johnson*





Red Lake County



See Page 66

See Page 40

See Page 42



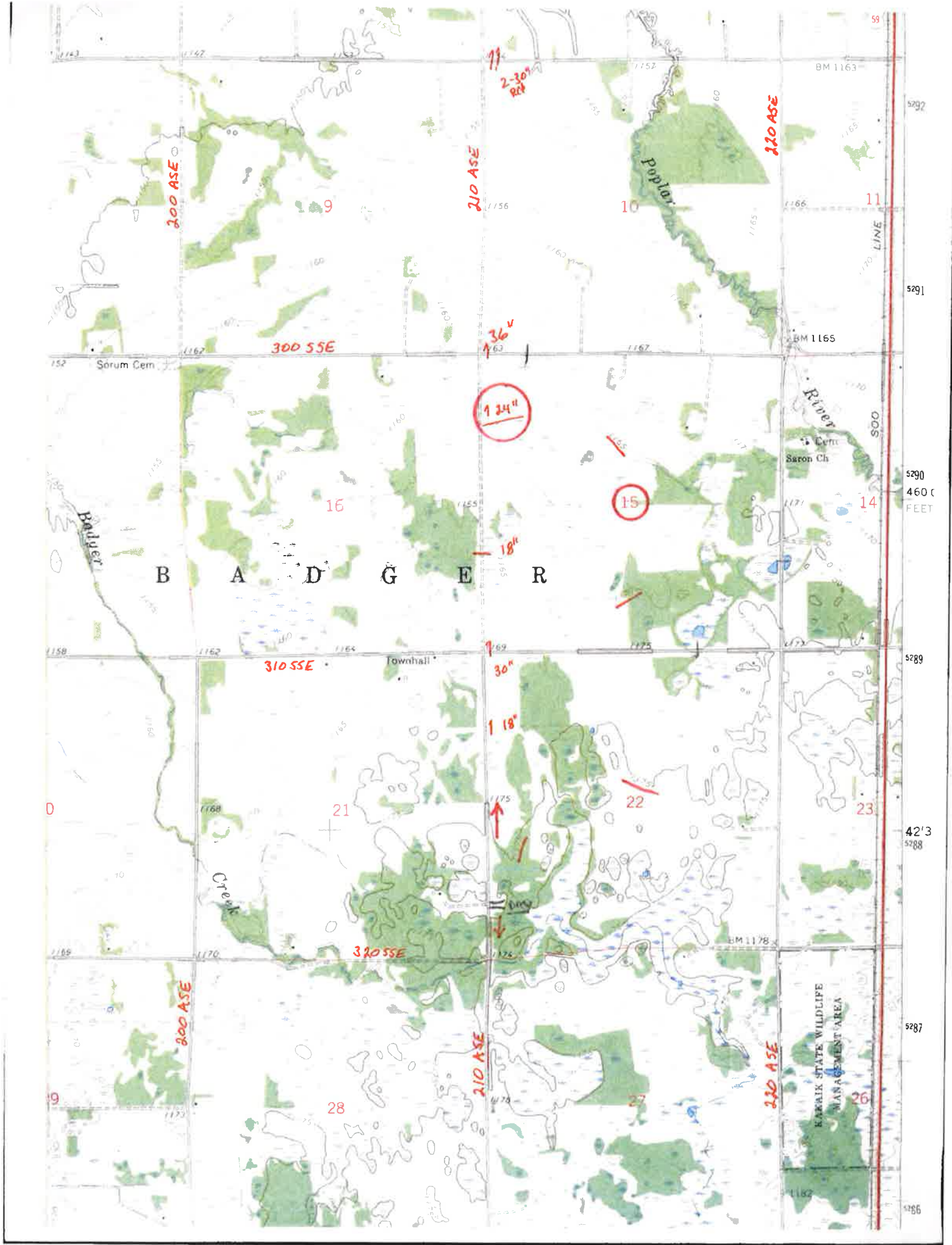
*Nestled in the heart of northwestern Minnesota, Fosston is in the center of many natural attractions and offers a variety of activities. Whether your passion is snowmobiling, hunting, fishing, golfing or birdwatching, its all within less than an hour's drive from Fosston.*



# Mayer NW 15










\* 18-145 - Robert Mayer - "After the Fact" - Violation  
letter sent.

19-140 - Robert Mayer - (2) Sites for new crossings  
"Approved".

# Badger Twp

Section 15

## Legend

 Saron Lutheran Cemetery

300th St NE

300th St NE

208

Google Earth

Poplar River W



2000 ft

208

310th St SE

3





