

# RED LAKE WATERSHED DISTRICT

December 10, 2020

Agenda

9:00 a.m.

9:00 a.m.	Call to Order	Action
	Review and approve agenda	Action
	Requests to appear	Information
	November 24, 2020 Minutes	Action
	Financial Report dated December 9, 2020	Action
	General Fund Budget as of November 30, 2020	Information
	League of Minnesota Cities -Dividend	Information
	Pay Equity	Info./Action
	Ditch 16, RLWD Project No. 177	
	Pay Estimate No. 11	Action
	CenturyLink Utility Lines Relocation	Info./Action
	Thief River Falls Westside FDR Project, RLWD Project No. 178	Information
	Retainage	Info./Action
	Black River Impoundment, RLWD Project No. 176	Information
	Pay Estimate No. 3	Action
	CenturyLink Proposal	Info./Action
	Thief River 1W1P, RLWD Project No. 149A	
	Mud River/JD 11-Engineering Services	Info./Action
	Thief River Streambank Study-Engineering Services	Info./Action
	Red Lake River 1W1P-Funding Update	Information
	Agassiz NWR Ditch 11 Silt Removal, RLWD Project. No. 180B	Action
	Pay Estimate No. 2-Final, Davidson Construction	
	Erosion Control Funds, RLWD Project No. 164-Marshall County	Info./Action
	SWCD-SWI's	
	Pine Lake Flood Damage Reduction Project & Fish Passage, RLWD	Action
	Project No. 26B-RRWMB Step 1 Funding Request	
	Rinke Noonan Retainage Renewal	Info./Action
	RLWD Permit No. 20189, Monte Casavan	Info./Action

Table RLWD Permit No. 20286, George Proulx	Action
Permits: No. 20301, 20304, 20308, 20310-20312	Action
RLWD Internet Service	Info./Action
38 <sup>th</sup> Annual Red River Basin Commission International Summit Conf.	Information
Administrators Update	Information
Legal Counsel Update	Information
Managers' updates	Information
Adjourn	Action

UPCOMING MEETINGS

December 15, 2020	RRWMB Meeting, 10:00 a.m.
December 25, 2020	Christmas Day-Office Closed
December 30, 2020	RLWD Board Meeting, 9:00 a.m. (Note Change of Date)
January 1, 2021	New Year's Day-Office Closed
January 14, 2021	RLWD Board Meeting, 9:00 a.m.
January 21, 2021	38 <sup>th</sup> Annual Red River Basin Commission International Summit Conference-Virtual

RED LAKE WATERSHED DISTRICT  
Board of Manager's Minutes  
November 24, 2020

**DRAFT**

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

Present in person: Dale M. Nelson and Gene Tiedemann. Present via conference call: Terry Sorenson, Brian Dwight, LeRoy Ose, Allan Page and Les Torgerson. Staff Present: Myron Jesme and Tammy Audette and Legal Counsel, Delray Sparby.

The Board reviewed the agenda. Motion by Tiedemann, seconded by Ose, and passed by unanimous vote that the Board approve the agenda. Motion carried.

The Board reviewed the November 12, 2020 minutes. Motion by Tiedemann, seconded by Ose, to approve the November 12, 2020 Board meeting minutes. Upon roll call vote, motion carried unanimously. Motion carried.

The Board reviewed the Financial Report dated November 23, 2020. Motion by Tiedemann, seconded by Ose, and passed by unanimous vote to approve the Financial Report dated November 23, 2020. Upon roll call vote, motion carried unanimously.

Administrator Jesme stated that construction on Ditch 16, RLWD Project No. 177 is substantially complete. Engineer Jerry Pribula, Pribula Engineering, Inc., is working with the contractor to determine project quantities to date.

In the last several weeks, no additional work has been completed on the Thief River Falls Westside Flood Damage Reduction Project, RLWD Project No. 178. Administrator Jesme reported that a breakdown of costs will be presented to the Board at the next meeting. Staff from HDR Engineering, Inc. are working with the contractor on a change order for boring under State Highway 32 at the intersection of State Highway 32 and Greenwood Street. The subcontractor encountered rock and then due to the sequence and staging of the construction, pumping of water had to be done after rain events, to allow the subcontractor to proceed. Discussion was held on a potential request of the City of Thief River Falls to fill in the ditch along Greenwood Street, south of the Peder Engelstad Pioneer Village. Engineer Nate Dalager, HDR Engineering, Inc., noted that the ditch was constructed as designed.

Engineer Nate Dalager, HDR Engineering, Inc., presented information on the replacement of the outlet structure on Pine Lake. Dalager stated that this project has went through the Project Team format set up by the Red River Flood Damage Reduction Workgroup and staff with the MnDNR are fully onboard with the project concept. Dalager discussed downstream capacity and potential increase of culvert sizes, further recommending that the Board should initiate the project under Minnesota State Statute 103D.605, which would authorize Dalager to submit a Step 1 submittal to the RRWMB. Dalager would then submit the Engineers Report to the DNR and BWSR for comment, followed by a hearing, possibly held next spring. Administrator Jesme

stated that he will work with MnDNR staff to apply for a Conservation Legacy Grant for funding assistance related to allowance for fish passage. Motion by Tiedemann, seconded by Ose, to establish the Pine Lake Flood Damage Reduction and Fish Habitat Project, RLWD Project No. 26B. Upon roll call vote, motion carried unanimously.

The Board reviewed Pay Estimate No. 2 in the amount of \$624,077.15 to R.J. Zavoral & Sons, Inc., for construction of the Black River Impoundment, RLWD Project No. 176. Motion by Tiedemann, seconded by Ose, to approve Pay Estimate No. 2 in the amount of \$624,077.15 to R.J. Zavoral & Sons, Inc., for construction of the Black River Impoundment, RLWD Project No. 176. Upon roll call vote, motion carried unanimously. Construction of the west berm has been completed, with the north berm being completed this week. If conditions allow after Thanksgiving, construction will continue on the south berm. Administrator Jesme and Legal Counsel Sparby are working on easements with the landowners and Black River Church, followed by the easements along all three diversion ditches. Jesme participated in a meeting with staff from the NRCS, where Jesme was informed the project will most likely not be receiving federal funding. Jesme stated that the NRCS does not have rules written for the RCPP funding process, therefore in his opinion they are using their old rules which will not allow a NEPA review to be completed. Jesme and Rob Sip, RRWMB, are working on submitting a letter to the NRCS expressing our disappointment in the process set forth by NRCS.

Administrator Jesme discussed updating of the Workplan for the Red Lake River 1W1P, RLWD Project No. 149.

Administrator Jesme stated that he spoke with Engineer Blake Carlson, Widseth Smith Nolting, Inc., regarding construction of the Threat Ring Dike, RLWD Project No. 129AS. Carlson will publish the construction notice on Quest CDN, for construction in Spring 2021. The RRWMB has already agreed to a funding ratio for this project to make up for lost State ring dike funding.

Legal Counsel Sparby discussed the Findings of Fact, Conclusions of Law, Order and Judgement on the decision by the District Court for the appeal of the Board's decision on the petition to abandon Judicial Ditch 5, RLWD Project No. 102. The Judge of District Court sustained the decision of the Board of Managers. The Plaintiffs have 60-days to appeal the decision by the District Court. Administrator Jesme indicated that there are beaver dams that need to be removed within the system. The consensus of the Board was to refrain from completing any maintenance, until the appeal period has expired. Jesme will proceed with acquiring the necessary permits for future removal of the beaver dams.

Staff member Nick Olson discussed a centerline culvert that Red Lake County replaced this Summer, stating that a local landowner wanted the culvert lowered when it was installed, with the intention of cleaning the ditch. Olson surveyed the area to determine if the request of the landowner was permissible. Red Lake County contacted the District, questioning if a permit had been received to complete the ditch cleaning. Olson stated that the landowner, Roger Hinrichs, had not contacted the District, nor applied for a District permit. The Board reviewed a draft letter to be submitted to Hinrichs, regarding the violation and an after-the-fact permit application. Motion by Tiedeman, seconded by Ose, to approve the submittal of the letter to landowner Roger

Hinrichs, regarding the violation and an after-the-fact permit for work completed. Upon roll call vote, motion carried unanimously.

The Board reviewed RLWD Permit No. 20309, Esp Christianson, Gervais Township, Red Lake County, and a draft letter to be sent to the applicant, regarding a violation and installation of a dry crossing without acquiring a RLWD permit. Motion by Tiedemann, seconded by Ose, to approve RLWD Permit No. 20309, Esp Christianson, Gervais Township, Red Lake County, with conditions stated on the permit, and the submittal of the letter to the applicant regarding the violation and an after-the-fact permit. Upon roll call vote, motion carried unanimously.

Staff member Nick Olson, reviewed RLWD Permit No. 20305, Dustin Neuschwander, Valley Township, Marshall County. Neuschwander requested the removal of centerline culvert through a Valley Township road. Olson discussed the history of the area, reviewing RLWD Permit No. 06062, and recent ditching in the adjacent area that affected the existing flow paths. Neuschwander recently filled in his field ditch, which in part blocked water from the south side of the road through two centerline culverts. Motion by Tiedemann, seconded by Ose, to Table Permit No. 20305, to allow District staff the ability review all the work that has been completed and to monitor the flow patterns during the Spring 2021 runoff. Upon roll call vote, motion carried unanimously.

Motion by Tiedemann, seconded by Sorenson, to approve the request to amend RLWD Permit No. 20281, Brian Vathauer, Lake Pleasant Township, Red Lake County. Upon roll call vote, motion carried unanimously.

Motion by Tiedemann, seconded by Ose, to table RLWD Permit No. 20264, Jeff Steer, Brandt Township, Polk County. Upon roll call vote, motion carried unanimously.

The Board reviewed the permits for approval. Motion by Tiedemann, seconded by Ose, to approve the following permits with conditions stated on the permit: No. 20277, Baylen Hagen, Veldt Township, Marshall County; No. 20302, Matt Kolstoe, Garnes Township, Red Lake County; No. 20303, Dustin Neuschwander, Valley Township, Marshall County; and No. 20306, Gary Anderson, Valley Township, Marshall County. Upon roll call vote, motion carried unanimously.

President Nelson indicated that the second Board meeting in December falls on Christmas Eve day. Motion by Tiedemann, seconded by Ose, to change the December 24, 2020 Board meeting date to December 30, 2020 at 9:00 a.m. at the District office. Motion carried.

Legal Counsel Sparby discussed the easement with the Black River Church for the Black River Impoundment, RLWD Project No. 176. Sparby indicated that the Church Council had to give notice to the parishioners for four consecutive Sundays and that the congregation had voted to authorize the President and Secretary to sign the easement on behalf of the Black River Church.

Manager Torgerson stated that due to the Covid 19 pandemic, he will not be traveling back to Minnesota in December as originally planned.

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

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LeRoy Ose, Secretary

**RED LAKE WATERSHED DISTRICT**  
**Financial Report for December 9, 2020**

<b>Ck#</b>	<b>Check Issued to:</b>	<b>Description</b>	<b>Amount</b>
online	EFTPS	Withholding for FICA, Medicare, and Federal taxes	3,704.55
online	MN Department of Revenue	Withholding taxes	644.31
online	Public Employees Retirement Assn.	PERA	2,306.44
38552	Black River Church, aka The Swedish	Temporary and permanent right-of-way-Black River Impound.	12,372.75
38553	Kristin Knott	Temporary and permanent right-of-way-Black River Impound.	18,537.15
38554	City of Thief River Falls	Electricity, water, sewer, etc.	619.81
38555	R.J. Zavoral & Sons, Inc.	Pay estimate #2-Proj. 176, Black River Impoundment	634,077.15
38556	Sjoberg's Cable TV	Internet expense	106.95
38557	Aramark	Office rug rental	45.39
38558	Tammy Audette	Clean offices in November	280.00
38559	Davidson Construction, Inc.	Agassiz Wetland Enhancement CPL grant (reimbursable)	50,000.00
38560	Delta Dental	Dental insurance premium	437.45
38561	Farmers Union Oil Company	Gas for vehicles	216.27
38562	Further	FSA Account fees	11.80
38563	Hugo's #7	Meeting and building maintenance supplies	88.66
38564	Les's Sanitation Inc.	Garbage pickup	34.70
38565	Marco	Copier maintenance (\$135.64) and telephone exp.(\$343.30)	478.94
38566	Marshall County Hwy. Dept.	Culvert, band, apron, flapgate and deliver-Proj. 175, Dt. 15	3,156.86
38567	MN Energy Resources Corp.	Heating expense	31.34
38568	NCPERS	Life insurance premium	112.00
38569	Dale M. Nelson	Mileage	37.95
38570	Northdale Oil Inc.	Meeting expense	32.00
38571	Northwest Beverage, Inc.	H2O for office	23.50
38572	Northwestern Mutual Financial	Deferred Compensation	729.57
38573	Olson Construction	Sanding of parking lot	100.00
38574	Page's Country Creations	(4) River Watch jackets for Red Lake Falls	160.00
38575	Pennington SWCD	PTMapp for Thief River	265.56
38576	Red Lake Electric Cooperative	Bore cable and replace 3 phase wire-TRF Westside FDR Proj.	17,994.39
38577	Rinke Noonan	Monthly legal services retainer	200.00
38578	Schulz Farm LLC	Repaired ditch and installed dike @ outlet of Euclid East Imp.	240.00
38579	Sun Life Financial	Life insurance premium	125.36
38580	Thief River Falls Times	Veteran's Day ad	20.00
38581	Nathan Wesolowski	Class 5 gravel delivered-Ditch 17, Proj. 177	11,400.00
online	Aflac	Staff paid insurances	593.76
direct	Brian Dwight	Mileage	129.95
direct	Al Page	Mileage	52.90
	<b>Payroll</b>		
	Check #12102-12112		12,845.12
	<b>Total Checks</b>		<b>\$ 772,212.58</b>

## Banking

### Northern State Bank

Balance as of November 23, 2020	\$ 154,936.29
Total Checks Written	(772,212.58)
Receipt #989855 Northern State Bank-Monthly interest	61.68
Receipt #989861 Transfer in from American Federal Bank	500,000.00
Receipt #989865 Polk County-Current, delinquent and special revenue	616,623.27
Receipt #989866 City of Thief River Falls-Partial payment of construction-TRF Westside FDR Proj.	2,574,548.55
Receipt #989872 Transfer to American Federal Bank	(500,000.00)
Receipt #989873 State of MN-Final payment for Clearwater WRAPS grant	750.00
Balance as of December 9, 2020	<u>\$ 2,574,707.21</u>

Current interest rate is .20%

### American Federal Bank-Fosston

Balance as of November 23, 2020	\$ 625,920.34
Receipt #989854 Raymond Zammert-Annual rent	1,718.46
Receipt #989856 Transfer to Northern State Bank	550.00
Receipt #989857 Loren/Marjean Sanderson-Reimbursement for health and dental insurance	761.45
Receipt #989858 Red River Watershed Mgmt Board-Pay/final request for TRF Westside FDR	338,510.19
Receipt #989859 Marshall County-Current and delinquent tax settlement	43,970.69
Receipt #989860 Beltrami County-current, delinquent and special revenue	62,220.73
Receipt #989861 Transfer to Northern State Bank	(500,000.00)
Receipt #989862 Red Lake County-current and special assessments	96,950.90
Receipt #989863 Mahnomen County -current tax settlement	1,669.58
Receipt #989864 Pennington County-current tax settlement and special revenue	235,535.95
Receipt #989867 Itasca County-Current and delinquent taxes	472.59
Receipt #989868 Koochiching County-current and delinquent taxes	6,630.15
Receipt #989869 Pennington County-2019 Riparian aid	6,320.00
Receipt #989870 Clearwater County-current, delinquent and special revenue	180,347.14
Receipt #989871 League of MN Cities-Dividend	700.00
Receipt #989872 Transfer in from Northern State Bank	500,000.00
Balance as of December 9, 2020	<u>\$ 1,602,278.23</u>

Current interest rate is .65%

**2020 GENERAL FUND BUDGET**

as of November 30, 2020

(unaudited)

	<b>2020 BUDGET</b>	<b>2020 Exp</b>	<b>(over) under</b>
		<b>TO 11-30--20</b>	
Manager's fees, salaries	33,400.00	23,487.00	9,913.00
Board of Manager's expense	22,000.00	9,292.09	12,707.91
Staff salaries	460,000.00	385,612.01	74,387.99
Payroll taxes	35,190.00	34,158.40	1,031.60
Employee benefits	60,000.00	65,075.50	(5,075.50) <sup>1</sup>
Travel and meetings(inc. mileage & exp.	5,000.00	1,083.17	3,916.83
Audit	9,450.00	9,450.00	0.00
Legal	16,000.00	10,804.00	5,196.00
Office supplies	20,000.00	12,164.75	7,835.25
Office equipment	50,000.00	12,235.89	37,764.11
Appraiser/Viewer Expense	2,000.00	782.45	1,217.55
Professional services (inc. Eng. Fees)	20,000.00	22,522.05	(2,522.05) <sup>2</sup>
Dues and subscriptions	10,000.00	9,993.00	7.00
Insurance and bonds	25,000.00	29,239.00	(4,239.00) <sup>3</sup>
Repairs and maintenance-Building	15,000.00	13,879.45	1,120.55
Utilities	10,000.00	8,440.27	1,559.73
Advertising and publications	4,000.00	9,149.23	(5,149.23) <sup>4</sup>
Telephone	11,000.00	7,622.83	3,377.17
Vehicle expense and maintenance	14,000.00	10,396.82	3,603.18
Engineering supplies	3,000.00	1,128.85	1,871.15
Engineering equipment	18,000.00	12,434.37	5,565.63
Interest	0.00	0.00	0.00
<b>TOTAL</b>	<b>843,040.00</b>	<b>688,951.13</b>	<b>154,088.87</b>
Less: Overhead	690,000.00	645,068.51	(44,931.49)
Less: Miscellaneous revenue	7,000.00	640.40	(6,359.60)
<b>General Fund Budget</b>	<b>146,040.00</b>	<b>43,242.22</b>	<b>102,797.78</b>

		TO 11-30-20
January 1, 2020 Beg. Balance	151,168.90	151,168.90
County levies revenue	100,000.00	50,005.08
Misc. revenue		0.00
Gross balance with revenue		201,173.98
Less net expenses		(43,242.22)
Subtotal- General Fund w/o interest		<b>157,931.76</b>
Plus interest earned-if allocated to GF 100%		68,253.29
General Fund Balance 11-30-20		<u>226,185.05</u>

1 Additional staff added = additional benefits paid(some will be adjusted by BCBS for cancelled coverage)

2 Miraki support for 3 years (2,127) and Trimble training (\$1,800)

3.Liability insurance was additional for accounts payable in 2020 (construction)

4 Advertising & Publications-over for advertising for Engineer and Engineering Tech. (\$6,216.48)

# 2020-2021 Coverage Changes

## Your LMC Resource

Underwriters are available to assist with questions about coverages and more.

[Connect with Underwriters](https://www.lmc.org/about/league-staff/) (<https://www.lmc.org/about/league-staff/>)  
choose "Underwriting" under "Department"

## Have Ideas for Enhanced Coverage?

Do you have ideas to enhance the Trust's coverages? We'd like to hear from you.

[Contact an Underwriter](https://www.lmc.org/about/league-staff/) (<https://www.lmc.org/about/league-staff/>)  
choose "Underwriting" under "Department"

The [Board of Trustees](https://www.lmc.org/about/governing-boards/lmcit-board-of-trustees/) (<https://www.lmc.org/about/governing-boards/lmcit-board-of-trustees/>) reviews the Trust's coverage every year to ensure it responds to the unique exposures faced by Minnesota's cities. Many suggestions come from members and their insurance agents. Here is information about coverage changes going into effect for property/casualty coverages renewing on or after Nov. 15, 2020, and for workers' compensation coverages renewing on or after Jan. 1, 2021.

## Property coverage

### Removal of organic pathogen cleanup coverage

The coverage for expenses to clean up or remove organic pathogens will be removed. Currently, each member is provided \$250,000 for these kinds of expenses during each coverage term for organic pathogens that are on the list of communicable diseases for which federal isolation and quarantine are authorized by the president's executive order or [Communicable Diseases of Public Health Significance](https://www.cdc.gov/immigrantrefugeehealth/laws-regs/hiv-ban-removal/fact-sheet.html#:~:text=Federal%20regulations%20list%20the%20following,disease%20specified%20by%20Executive%20Orders.) (<https://www.cdc.gov/immigrantrefugeehealth/laws-regs/hiv-ban-removal/fact-sheet.html#:~:text=Federal%20regulations%20list%20the%20following,disease%20specified%20by%20Executive%20Orders.>) as defined by the U.S. Department of Health and Human Services. Things like tuberculosis, infectious syphilis, and COVID-19 are on the list or are authorized by a presidential executive order. The coverage is being removed because members have never previously encountered or reported cleanup costs for diseases on the federal lists, and since these diseases can become widespread, the aggregation of many relatively small claims for members could become a cumulative burden for the Trust.

### Addition of police dog definition

The Trust provides coverage for police dogs that are injured and unable to perform normal functions. A definition is being added as follows to clarify what constitutes a police dog: *Police dog means a dog that is specifically trained to assist police and other law enforcement personnel in duties like apprehending suspects and searching for and locating drugs, explosives, crime scene evidence, and missing people. Police dog does not include comfort or therapy dogs.*

### Reinforcement of loss of revenue exclusions

The Trust provides loss of revenue coverage if there is direct physical damage to covered buildings that causes loss of revenue due to a necessary suspension of operations while the building is replaced or repaired. Existing exclusions related to organic pathogens or infectious disease are being confirmed, including that a government-ordered shut down does not trigger coverage.

## Liability coverage

### Creation of a \$250,000 annual aggregate sublimit for organic pathogen claims

The Trust currently provides \$2 million per occurrence in liability coverage for organic pathogen claims, subject to a \$3 million annual aggregate limit. Coverage for organic pathogen claims will be restricted to a \$250,000 annual aggregate limit, with defense costs encompassed within the limit. This will reduce the potential for a severe aggregation of claims that could become an undue burden for the Trust. The change will also clarify the aggregate limit applies for both municipal liability and auto liability claims.

## Auto liability coverage

### Clarification of organic pathogen liability coverage involving autos

A clarification will be added that an organic pathogen claim is not excluded under the auto liability coverage. A \$250,000 aggregate limit will apply for organic pathogen claims regardless of whether claims are made under municipal liability, auto liability, or both.

## Workers' compensation coverage

### Creation of a covered entities endorsement

An endorsement will be created that lists all entities covered by a workers' compensation coverage agreement. This will make it easier and less cumbersome to find covered entities.

## Extraordinary expense coverage

### Increase in total funding available

Total funding available for claims submitted under the Trust's [extraordinary expense coverage](https://www.lmc.org/resources/extraordinary-expense-coverage/) (<https://www.lmc.org/resources/extraordinary-expense-coverage/>) will be increased from \$3 million to \$5 million. This coverage provides up to \$250,000 per member per coverage term for extraordinary and unanticipated expenses a member incurs, which must be paid back to the Trust within five years. This change reflects both the inflation that has taken place since the coverage was first created and the possibility that additional members may request it in light of unexpected expenses arising from the current pandemic.

# 2020-2021 Premium Rates

## Your LMC Resource

Underwriters are available to assist with questions about coverages and more.

[Connect with Underwriters \(https://www.lmc.org/about/league-staff/\)](https://www.lmc.org/about/league-staff/)  
choose "Underwriting" under "Department"

The League of Minnesota Cities Insurance Trust's [Board of Trustees \(https://www.lmc.org/about/governing-boards/lmcit-board-of-trustees/\)](https://www.lmc.org/about/governing-boards/lmcit-board-of-trustees/) evaluates loss projections every year to ensure premium rates are adequately set to respond to future claims experienced by Minnesota cities. Here is information about premium rates going into effect for property/casualty coverages renewing on or after Nov. 15, 2020, and for workers' compensation coverages renewing on or after Jan. 1, 2021.

## Property/casualty program

Property/casualty premium rates will remain flat this year. Recognizing the pressure members are facing from COVID-related costs and the effect of post-traumatic stress disorder (PTSD) claims on workers' compensation rates, the Board of Trustees decided against rate increases for this program. Fortunately, the Trust's strong property/casualty fund balance, and the opportunity that provides to increase reinsurance retentions, made it possible to avoid a rate increase.

There will be a minor shift between certain auto rates that will not change the program's overall revenue. Based on our evaluation of projected losses and expenses, auto physical damage rates will decrease 5% and auto liability rates will increase 5%.

Members should note their premium might be affected by other factors that are specific to their individual organization, such as changes in expenditures, property values, payrolls, experience rating, and other exposure measures.

## Workers' compensation program

The workers' compensation program's fund balance remains strong and costs have remained stable or improved in many job classifications, but public safety PTSD claims have had significant cost implications, resulting in an average rate increase of 13% for the coming year. That will be implemented by way of a 35% rate increase for police job classes and a 4.5% increase in all other job classes.

Because of the effect this could have on stand-alone police departments, the rate increase for those members will be capped at 20% for the year. It's important to note individual member premiums will also be affected by other factors like changes in member expenditures, payrolls, experience rating, and other exposure measures.

These increases will move us toward a workers' compensation funding level for police job classes that will be sustainable over time, but there is still a projected gap, meaning we're likely to see additional pressure on rates in the coming year. As public officials themselves, the Trustees understand the impact this has on member budgets.

## The Trust's work to address PTSD

Unfortunately, PTSD has become a very significant factor for the program. Since PTSD claims first became compensable in 2013, they have risen to a point where they're currently projected to make up more than 30% of our annual claim costs, with most of that arising from police departments.

The Trust is working diligently with our members, public safety professional organizations, local government self-insurance pools across the country, and other stakeholders to address PTSD. We are addressing it not only from a financial perspective, but also in recognition of the effects it has on staffing, departmental morale, and the well-being of individuals and their friends, families, and communities.

As part of this effort, the Trust hired a former public safety officer as a dedicated full-time resource on PTSD and general public safety mental health. Over the last year, she has:

- Created our online [PTSD and Mental Health Toolkit \(https://www.lmc.org/ptsd-mental-health-toolkit/\)](https://www.lmc.org/ptsd-mental-health-toolkit/) in consultation with a psychologist and a number of state public safety leaders.
- Collaborated with the University of Minnesota on research projects designed to measure the scope and effectiveness of different approaches to preventing, identifying, and mitigating PTSD.
- Initiated a broad analysis with other state league pools of national trends regarding these types of claims.
- Worked with members and the League's Intergovernmental Relations staff to develop legislative strategies to reduce the burdens PTSD is creating for our members, both in the workers' compensation system and with regard to Public Employee Retirement Association health benefit costs.

## Results will take time

While these efforts are expected to ultimately result in more manageable claim trends, that is not likely to happen overnight, and it could take several years to reach that goal. Although there are treatments that are widely effective for PTSD, there are still social and cultural obstacles to acknowledging mental health issues, seeking appropriate care, and encouraging return to work. Obstacles like those can take time to overcome.

In addition, while we are encouraging the state to take a more active role in addressing the problem, the state's own economic challenges suggest the Trust and our members will have to play an outsized role in finding solutions.

Nevertheless, we believe this is ultimately a broader problem that local governments and the workers' compensation system cannot fix without help from state and federal governments, public health professionals, health care organizations and insurers, and others with an interest in ensuring cost-effective public safety and healthy public safety officers. The Trust is committed to playing an active and significant role in confronting the challenge of PTSD. We are equally committed to engaging other participants in this effort.



## DIVIDEND ANNOUNCEMENT December 2, 2020

Enclosed is a check for your share of the \$5.7 million dividend being returned to members of the League of Minnesota Cities Insurance Trust's property/casualty program. Also enclosed is your dividend history and an information sheet showing the data used to calculate your dividend. Your agent will also receive this information, and we encourage you to share it with your city council or other governing body.

### Dividend Amount

This year's dividend is based on losses experienced by members, actuarial projections, investment results, legislative and coverage changes, reinsurance costs, and the Trust's long-term strategic direction. Reductions in actuarial projections on old property/casualty claims and unrealized capital gains in our investment portfolio helped build our fund balance. This, along with increasing our property and liability reinsurance retentions, allowed us to keep overall property/casualty premium rates flat this year. At the same time, we've been able to maintain a fund balance strong enough to hedge against the uncertainty associated with COVID-19, cyber, police liability, property, and other variables we expect to see from year to year.

### Dividend Formula

Dividends are calculated based on a formula that recognizes members with a longer history of coverage with the Trust and greater success in avoiding and controlling claims. Your share was determined based on the calculations shown on the enclosed information sheet.

Thank you for your continued membership with the Trust. We appreciate your confidence and the chance to partner with you to serve your community. Feel free to contact either of the following individuals if you have any questions, comments, or need additional information.

Dan Greensweig, Trust Administrator  
[dgreensweig@lmc.org](mailto:dgreensweig@lmc.org)  
(651) 281-1291

Laura Honeck, Trust Operations Manager  
[lhoneck@lmc.org](mailto:lhoneck@lmc.org)  
(651) 281-1280

### The League of Minnesota Cities Insurance Trust Board of Trustees

Jake Benson, Councilmember, Proctor  
Dave Callister, City Manager, Plymouth  
Clint Gridley, City Administrator, Woodbury  
Anna Gruber, City Administrator, Sartell

D. Love, Councilmember, Centerville  
Dave Unmacht, Executive Director, LMC  
Alison Zelms, Deputy City Manager, Mankato

**LEAGUE OF MINNESOTA CITIES INSURANCE TRUST  
PROPERTY/CASUALTY  
2020 DIVIDEND CALCULATION  
AT MAY 31, 2020**

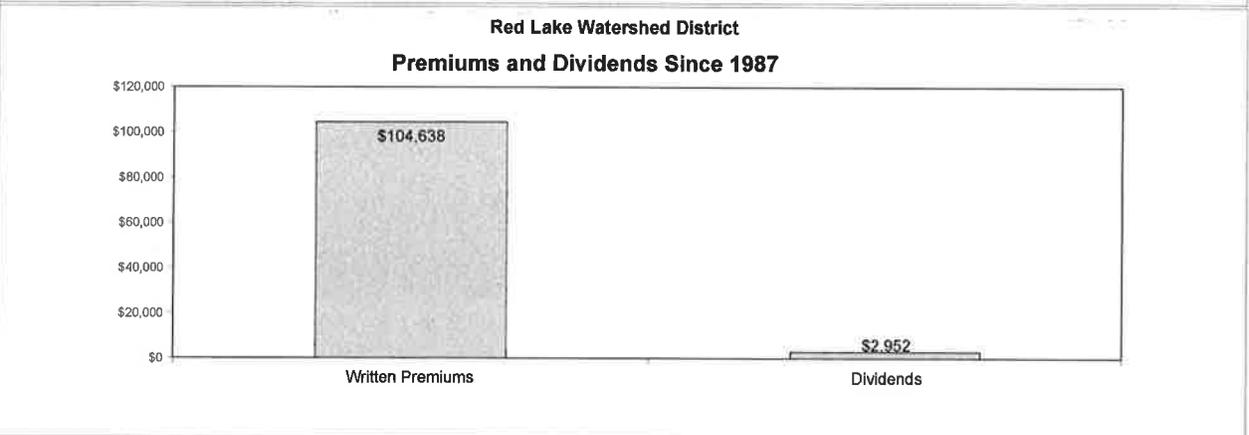
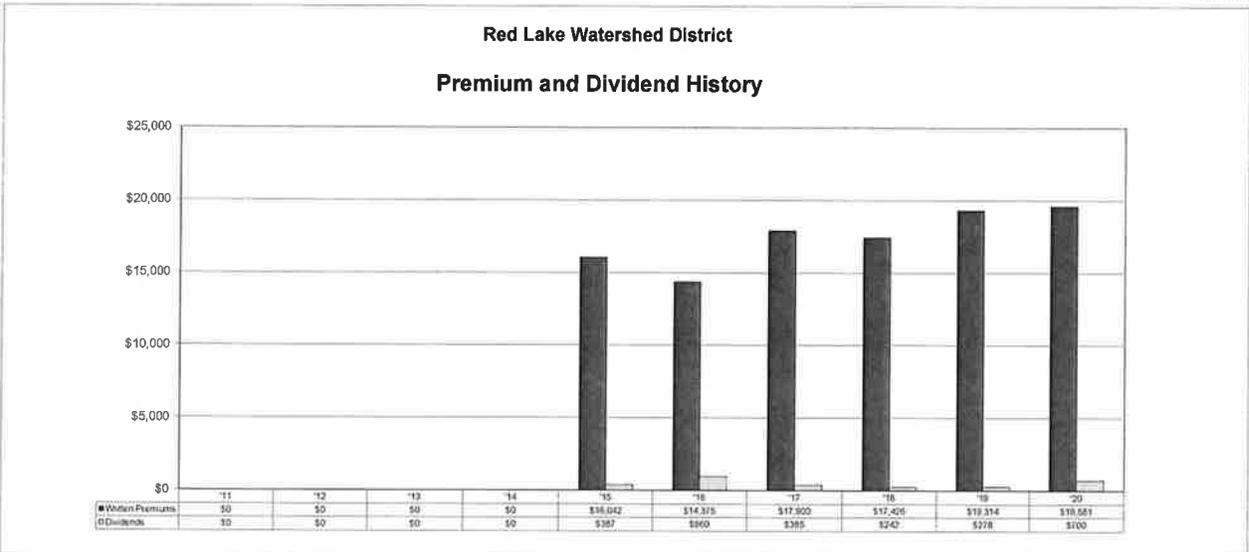
**Northern State Agency**

Po Box 639

Thief River Falls MN 56701-0639

**Red Lake Watershed District**  
1000 Pennington Ave S  
Thief River Falls, MN 56701-4013

**GROSS EARNED PREMIUM** \$102,739  
**ADJUSTED LOSSES** \$15,846  
**MEMBERS DIVIDEND PERCENTAGE** 0.00012276000  
**DIVIDEND AMOUNT** \$700



The "gross earned premium" figure is the member's total earned premiums as of May 31, 2020 for the past 20 years. This is the premium figure that's used in the dividend calculation.  
The "2020 written premium" figure is the member's total premium for the member's most recent renewal prior to May 31, 2020 (for most members, only a portion of that 2020 written premium would be earned as of May 31, 2020).

# 2020 Dividend

Your LMC Resource

Laura Honeck

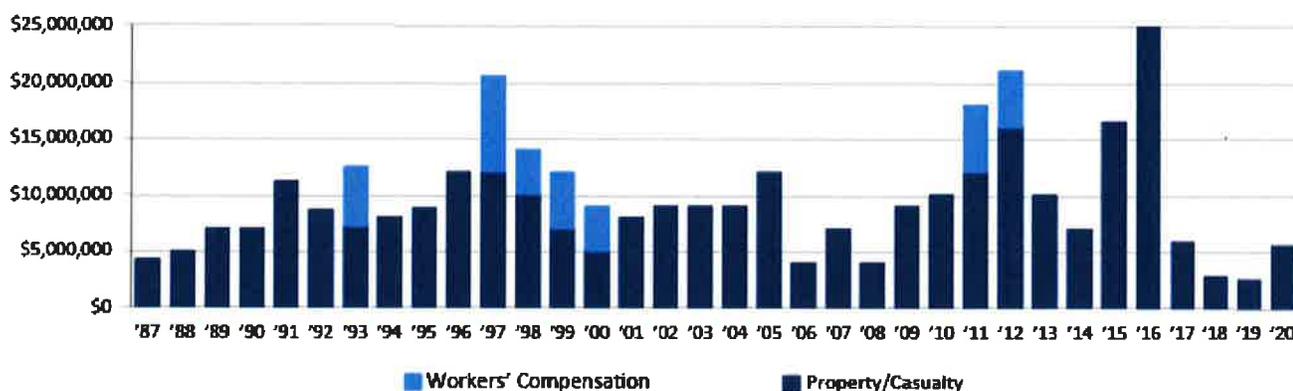
LMCIT Operations Manager

(651) 281-1280 or (800) 925-1122

[lhoneck@lmc.org](mailto:lhoneck@lmc.org)

Members of the property/casualty program will share in a \$5.7 million dividend for 2020, bringing the total amount of returned dividends since 1987 to \$338 million. Members will receive their share in December.

**League of Minnesota Cities Insurance Trust Dividends  
\$338 Million Since 1987**



The [Board of Trustees](https://www.lmc.org/about/governing-boards/lmcit-board-of-trustees/) decision to return a \$5.7 million dividend was based on losses experienced by members, actuarial projections, investment results, legislative and coverage changes, reinsurance costs, and the Trust's long-term strategic direction. It's important to remember that dividend amounts are driven by these factors, so the availability and amount of dividends will fluctuate over time.

Reductions in actuarial projections on old property/casualty claims and unrealized capital gains in our investment portfolio helped build our fund balance. This, along with increasing our property and liability reinsurance retentions, allowed us to keep overall property/casualty premium rates flat this year. At the same time, we've been able to maintain a fund balance strong enough to hedge against the uncertainty of COVID-19, cyber, police liability, property, and other variables we expect to see from year to year.

In the decades since the Trust was created by Minnesota cities, it has offered broad coverage, stable premiums, and robust loss control programs. As an organization owned and managed by its members, it remains committed to these principles and to helping those members build and maintain strong communities.

## Compliance Report

Jurisdiction: Red Lake Watershed District  
1000 Pennington Avenue South

Report Year: 2020  
Case: 1 - 2019 Data (Private (Jur Only))

Thief River Falls, MN 56701

Contact: Myron Jesme

Phone: (218) 681-5800

E-Mail: myron.jesme@redlake watershed.org

The statistical analysis, salary range and exceptional service pay test results are shown below. Part I is general information from your pay equity report data. Parts II, III and IV give you the test results.

For more detail on each test, refer to the Guide to Pay Equity Compliance and Computer Reports.

### I. GENERAL JOB CLASS INFORMATION

	Male Classes	Female Classes	Balanced Classes	All Job Classes
# Job Classes	3	4	0	7
# Employees	0	0	7	7
Avg. Max Monthly Pay per employee	0.00	0.00		0.00

### II. STATISTICAL ANALYSIS TEST

#### A. Underpayment Ratio = 0 \*

	Male Classes	Female Classes
a. # At or above Predicted Pay	0	0
b. # Below Predicted Pay	0	0
c. TOTAL	0	0
d. % Below Predicted Pay (b divided by c = d)	0.00	0.00

\*(Result is % of male classes below predicted pay divided by % of female classes below predicted pay.)

#### B. T-test Results

Degrees of Freedom (DF) = 0	Value of T = 0.000
-----------------------------	--------------------

a. Avg. diff. in pay from predicted pay for male jobs = 0

b. Avg. diff. in pay from predicted pay for female jobs = 0

### III. SALARY RANGE TEST = 0.00 (Result is A divided by B)

A. Avg. # of years to max salary for male jobs = 0.00

B. Avg. # of years to max salary for female jobs = 0.00

### IV. EXCEPTIONAL SERVICE PAY TEST = 0.00 (Result is B divided by A)

A. % of male classes receiving ESP = 0.00 \*

B. % of female classes receiving ESP = 0.00

\*(If 20% or less, test result will be 0.00)

## Job Class Data Entry Verification List

Case: 2019 Data

Red Lake Watershed District

LGID: 51

Job Nbr	Class Title	Nbr Males	Nbr Females	Non-Binary	Class Type	Jobs Points	Min Mo Salary	Max Mo Salary	Yrs to Max Salary	Yrs of Service	Exceptional Service Pa
2	Natural Resource/GIS	0	1	0	F	245	4072.00	4072.00		5.00	
4	Technician II/Ditch Inspector	0	1	0	F	245	4026.00	4026.00		4.00	
5	Accounting Officer	0	1	0	F	275	5147.00	5147.00		34.00	
1	Office Manager/Executive 2	0	1	0	F	275	4488.00	4488.00		31.00	
6	Water Quality Coordinator	1	0	0	M	310	5476.00	5476.00		17.00	
7	Engineering Specialist	1	0	0	M	323	4335.00	4335.00		8.00	
8	Administrator	1	0	0	M	483	7580.00	7580.00		16.00	

**Job Number Count: 7**

## Pay Equity Implementation Report

### Part A: Jurisdiction Identification

Jurisdiction: Red Lake Watershed District  
1000 Pennington Avenue South

Jurisdiction Type: Other

Thief River Falls, MN 56701

Contact: Myron Jesme

Phone: (218) 681-5800

E-Mail: myron.jesme@redlake  
watershed.org

### Part B: Official Verification

1. The job evaluation system used measured skill, effort responsibility and working conditions and the same system was used for all classes of employees.

The system used was: State Job Match

Description:

2. Health Insurance benefits for male and female classes of comparable value have been evaluated and:  
There is no difference and female classes are not at a disadvantage.

3. An official notice has been posted at:  
Red Lake Watershed District Office Bulletin Board

(prominent location)

informing employees that the Pay Equity Implementation Report has been filed and is available to employees upon request. A copy of the notice has been sent to each exclusive representative, if any, and also to the public library.

The report was approved by:

Red Lake Watershed District

(governing body)

Dale M Nelson

(chief elected official)

President

(title)

### Part C: Total Payroll

is the annual payroll for the calendar year just ended December 31.

- [ ] Checking this box indicates the following:
- signature of chief elected official
  - approval by governing body
  - all information is complete and accurate, and
  - all employees over which the jurisdiction has final budgetary authority are included
- Date Submitted:12/2/2020

**RED LAKE WATERSHED DISTRICT**  
Application for Payment  
Estimate of Work Completed

ESTIMATE NUMBER: 11  
PROJECT NAME: RLWD Ditch 16  
OWNER: Red Lake Watershed District  
CONTRACT AMOUNT: \$1,572,196.70  
CONTRACTOR: Burski Excavating, Inc.

DATE: 12/10/2020  
PROJECT NUMBER: 177  
CONTRACT DATE: 6/7/2019  
WORK COMPLETED: 12/4/2020

ITEM NO.	DESCRIPTION	UNIT	CONTRACT QUANTITY	UNIT PRICE	QUANTITY COMPLETED				TOTAL AMOUNT
					PREVIOUS	CURRENT	TOTAL	%	
1	Traffic Control	LS	1	\$31,138.64	0.75	0.25	1.00	100.00%	\$31,138.64
2	Anchored Silt Fence (Type PA - Preassembled)	LF	1,000	\$2.97	0	200	200	20.00%	\$594.00
3	Anchored 12" Bio-Roll Ditch Block (Type 3)	LF	1,040	\$3.51	0	1,618	1618	155.58%	\$5,679.18
4	Grass Seed Mixture	LBS	8,600	\$3.15	7900	2,700	10600	123.26%	\$33,390.00
5	Grass Seeding (MnDOT 2575.3)	AC	86	\$375.18	79	27	106	123.26%	\$39,769.08
6	Anchored Wheat Straw Mulch	TON	172	\$178.40	138	74	212	123.26%	\$37,820.80
7	Riprap, Class 3 (18" & Under) w/type 4 Geotextile	CU.YD.	1,600	\$67.03	1128	220	1348	84.25%	\$90,356.44
8	Excavation (topsoil conservation-replacement, SWPPP Prep., Erosion Control, Minor Lateral Hauling and Clearing and Grubbing of Trees in Permanent ROW are incidental)	CU.YD.	366,920	\$1.75	348,162	23,289	371,471	101.24%	\$650,074.25
9	Remove Bituminous Pavement	SQ.YD.	316	\$17.30	730	0	730	231.01%	\$12,629.00
10	Bituminous Pavement (Type SP 12.5 Wearing Course Mix)	TON	270	\$108.12	272	0	272	100.74%	\$29,408.64
11	Geogrid-Tensar TX 140 (Install Under Aggregate Base)	SQ.YD.	864	\$3.78	969	1,220	2189	253.36%	\$8,274.42
12	Aggregate Roadway Surfacing (Loose Volume), CL 1	CU.YD.	450	\$34.60	65	30	95	21.11%	\$3,287.00
13	Salvage & Reinstall Granular & Aggregate Material (CV)	CU.YD.	680	\$27.03	0	0	0	0.00%	\$0.00
14	Granular Backfill (Compacted Volume)	CU.YD.	200	\$38.92	922	0	922	461.00%	\$35,884.24
15	Aggregate Road Base and Shoulder Base (CL 5 MOD)(CV)	CU.YD.	288	\$32.44	277	0	277	96.18%	\$8,985.88
16	18" Corrugated Steel Pipe (CSP) Culvert (16 Gauge)	LF	2,050	\$25.41	2392	918	3310	161.46%	\$64,107.10
17	80' - 24" SCH 20 Steel Pipe - Directional Bore/Open Cut	EACH	2	\$23,786.46	2	0	2	100.00%	\$47,572.92
18	24" Corrugated Steel Pipe (CSP) Culvert (16 Gauge)	LF	2,680	\$34.60	2268	701	2969	110.78%	\$102,727.40
19	36" Corrugated Steel Pipe (CSP) Culvert (14 Gauge)	LF	190	\$60.55	0	190	190	100.00%	\$11,504.50
20	49"x33" CSAP Culvert (12 Gauge) w/3:1 Step Ends	LF	70	\$92.98	0	70	70	100.00%	\$6,508.60
21	53"x41" CSAP Culvert (12 Gauge) w/3:1 Step Ends	LF	320	\$108.12	0	322	322	100.63%	\$34,814.64
22	60"x46" CSAP Culvert (12 Gauge) w/3:1 Step Ends	LF	160	\$123.26	160	0	160	100.00%	\$19,721.60
23	81"x59" CSAP Culvert (12 Gauge) w/3:1 Step Ends	LF	385	\$161.10	644	180	824	214.03%	\$132,746.40
24	78" CSP Culvert (12 gauge) w/3:1 step ends	LF	180	\$170.83	180	0	180	100.00%	\$30,749.40
25	18" CSP Standard Flared End Section	EACH	44	\$108.12	58	24	80	181.82%	\$8,849.60
26	24" CSP Standard Flared End Section	EACH	42	\$151.37	42	9	51	121.43%	\$7,719.87
27	36" CSP Standard Flared End Section	EACH	6	\$410.86	0	6	6	100.00%	\$2,465.16
28	18" Exterior Flap-Gate	EACH	44	\$491.95	58	24	80	181.82%	\$39,356.00
29	24" Exterior Flap-Gate	EACH	42	\$589.26	38	13	51	121.43%	\$30,052.26
30	36" Exterior Flap-Gate	EACH	2	\$1,027.14	0	0	0	0.00%	\$0.00
31	12'x8' Reinforced Conc. Box Culvert (CL 2)	LF	96	\$1,243.38	92	0	92	95.83%	\$114,390.96
32	12'x6' RC Box Cul. End Sec. (CL 2 w/15 Deg. Skewed End)	EACH	2	\$33,301.04	2	0	2	100.00%	\$66,602.08
					Subtotal				\$1,726,980.06
<b>Additional Material</b>					Subtotal				\$0.00
<b>Change Order</b>					Subtotal				\$0.00
1	Replace 2-15 degree skewed, Type 2, End Sections for the 12'x6'RC Box Culvert	EACH	2	-\$1,974.48	0	2	2	100%	-\$3,948.96
					Subtotal				-\$3,948.96
					<b>TOTALS</b>				\$1,723,031.10

<b>SUMMARY:</b>	
Total of Work to Date	\$1,723,031.10
Less 10% Retainage	\$172,303.11
Amount Paid on Previous Payments	\$1,314,619.72
<b>Amount Due this Estimate</b>	<b>\$236,108.27</b>
Percentage of work completed	110%
Original Contract Amount Due	\$1,572,196.70
Additional Material	\$0.00
Change Orders	(\$3,948.96)
Total Estimated Contract Costs	\$1,568,247.74

<b>RECAP OF PREVIOUS PAYMENTS:</b>		
ESTIMATE NO	DATE	PAYMENT AMOUNT
1	1/31/2020	\$78,333.13
2	6/11/2020	\$86,924.58
3	6/23/2020	\$165,917.62
4	7/21/2020	\$147,714.48
5	8/13/2020	\$169,232.06
6	8/25/2020	\$134,980.18
7	9/10/2020	\$106,727.23
8	9/24/2020	\$190,095.65
9	10/7/2020	\$78,536.01
10	10/22/2020	\$156,158.78
FINAL PAYMENT		
<b>TOTAL</b>		<b>\$1,314,619.72</b>

I concur that there are no pending changed condition claims as of this date of this pay estimate NB (Initial)  
 Approved by Contractor: Ron Burski, Burski Excavating, Inc.

Date: 12-7-2020 Signature: Nick Burski

I concur that there are no pending changed condition claims as of this date of this pay estimate \_\_\_\_\_ (Initial)  
 Approved by Contractor: Nick Pribula, Pribula Engineering, PLLC

Date: 12-7-2020 Signature: Nick Pribula

Approved by Administrator: Myron Jesme, Red Lake Watershed District

Date: \_\_\_\_\_ Signature: \_\_\_\_\_



204 - 9th Avenue NE  
 P.O. Box 130  
 Rice MN 56367  
 (320) 393-4160

# Invoice

Invoice#: 4039

Date: 12/03/2020

**Billed To:** Red Lake Watershed District  
 1000 Pennington Ave South  
 Thief River Falls MN 56701

**Project:**  
 Red Lake Watershed Ditch No.16

**Due Date:** 01/02/2021

**Terms:** 30DY

**Order#**

Description	Unit	Quantity	Rate	Amount
Centurylink Utility Lines Relocation	LS	1.00	16,780.00	16,780.00

**Notes:**

DEC 7 2020  
 MJ

*A service charge of 0.00 % per annum will be charged on all amounts overdue on regular statement dates.*

*Thank you for your prompt payment!*

Taxable Amount	0.00
Non-Taxable Amount:	16,780.00
Retention	0.00
Sales Tax:	0.00
Payments/Credits	0.00
<b>Amount Due</b>	<b>16,780.00</b>

## Tammy Audette

---

**From:** Nelson, Dillon <Dillon.Nelson@hdrinc.com>  
**Sent:** Tuesday, December 8, 2020 9:39 AM  
**To:** Myron Jesme  
**Cc:** Dalager, Nate; Tammy Audette  
**Subject:** RLWD Project #178

Good Morning Myron,

I just spoke with Nick Carlin and he informed me that they would like to discuss retainage at Thursday's Board meeting. I directed them to your call-in information. He didn't say specifically but I think they will ask to reduce the retainage from 5% to 2.5%.

At 5% we will be looking at somewhere around \$350k in retainage. If we reduce that by half we will be holding around \$172,500. That leaves us enough for any reseeded work and a good bit of common ex work within the Diversion Channel. They will have punch list items to address next year as well. If the Board decides to reduce the retainage, it is my opinion that we don't go lower than 2.5%.

Thank you,

**Dillon Nelson**, EIT  
*Water Resources / Civil EIT*

**HDR**  
213 LaBree Ave North, Suite 203  
Thief River Falls, MN  
D 612.524.6091 M 218.289.4437  
[Dillon.Nelson@hdrinc.com](mailto:Dillon.Nelson@hdrinc.com)

[hdrinc.com/follow-us](http://hdrinc.com/follow-us)









# PARTIAL PAYMENT ESTIMATE

Client Project No.  
176

HEI Project No.  
3655-0091

**PAYMENT NUMBER: 3**

Project: Black River Impoundment Project  
Location: Bray, Sanders, Polk Centre, & Black River Townships, Pennington Cty

**PERIOD OF ESTIMATE:**  
FROM **11/21/2020** TO **12/7/2020**

CONTRACT CHANGE ORDER SUMMARY			
Change Order		AMOUNT	
NO.	DATE	ADDITIONS	DEDUCTIONS
<b>TOTALS</b>		\$ -	\$ -
<b>NET CHANGE</b>		\$ -	

ESTIMATE	
1. Original Contract	\$ 4,374,457.66
2. Change Orders	\$ -
3. Revised Contract (1+2)	\$ 4,374,457.66
4. Work Completed*	\$ 1,850,063.68
5. Stored Materials*	\$ 35,161.40
6. Adjustments*	\$ -
7. Subtotal (4+5+6)	\$ 1,885,225.08
8. Retainage 5.00%	\$ 94,261.25
9. Previous Payments	\$ 1,159,387.73
10. Amount Due (7-8-9)	\$ <b>631,576.10</b>

\*Detailed Breakdown Attached if Non-Zero Value

## CONTRACT TIME

Completion Date Contract

Original (days)	N/A	On Schedule? Yes	Starting Date: 10/23/2020
Revised	N/A		Final Completion: 8/31/2022
Remaining	N/A		

### CONTRACTOR'S CERTIFICATION:

The undersigned Contractor certifies, to the best of his/her knowledge, the following:  
 (1) All previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with the Work covered by prior Applications for Payment;  
 (2) Title to all Work, materials and equipment incorporated in said Work, or otherwise listed in or covered by this Application for Payment, will pass to Owner at time of payment free and clear of all Liens, security interests, and encumbrances (except such as are covered by a bond acceptable to Owner indemnifying Owner against any such Liens, security interest, or encumbrances); and  
 (3) All the Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

Contractor: R.J. Zavoral & Sons, Inc.  
 By: *[Signature]*  
 Date: 12/8/2020

### ENGINEER'S RECOMMENDATION:

I have reviewed the progress of the work, and to the best of my knowledge, information and belief, in accordance with the terms of the Contract, the Contractor is entitled to a partial payment in the amount requested.



Engineer: *[Signature]*  
 By: Tony A. Nordby  
 Date: 12/8/2020

### OWNER'S APPROVAL:

Owner: Red Lake Watershed District  
 By: \_\_\_\_\_  
 Date: \_\_\_\_\_

### REMIT PAYMENT TO:

R.J. Zavoral & Sons, Inc.  
 1706 Bygland Rd SE  
 P.O. Box 435  
 East Grand Forks, MN 56721



Client Project No. 176  
 HEI Project No. 3655-0091  
 Project: Black River Impoundment Project  
 Location: Bray, Sanders, Polk Centre, & Black River Townships, Pennington Cty  
 Contractor: R.J. Zavoral & Sons, Inc.

**PAY ESTIMATE**

PAY ESTIMATE #:	3
SUBMITTED:	12/10/2020
BEGIN DATE:	11/21/2020
END DATE:	12/7/2020

ITEM NO.	DESCRIPTION	UNIT	CONTRACT			CURRENT PAY ESTIMATE		PREVIOUS PAY ESTIMATES		PAY ESTIMATES TO DATE	
			QUANTITY	PRICE	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT
<b>Original Contract Items</b>											
2021.501	MOBILIZATION	Lump Sum	1	\$ 100,000.00	\$ 100,000.00	0.25	\$ 25,000.00	0.75	\$ 75,000.00	1.	\$ 100,000.00
2101.501	CLEARING AND GRUBBING	Lump Sum	1	\$ 30,000.00	\$ 30,000.00	0.3	\$ 9,000.00		\$ -	0.3	\$ 9,000.00
2104.502	SALVAGE SIGN	Each	7	\$ 225.00	\$ 1,575.00		\$ -		\$ -		\$ -
2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	Lin. Ft.	496	\$ 2.25	\$ 1,116.00		\$ -		\$ -		\$ -
2104.503	REMOVE PIPE CULVERTS	Lin. Ft.	1,445	\$ 10.00	\$ 14,450.00		\$ -		\$ -		\$ -
2104.503	SALVAGE AND INSTALL PIPE CULVERT	Lin. Ft.	110	\$ 95.00	\$ 10,450.00		\$ -		\$ -		\$ -
2104.504	REMOVE BITUMINOUS PAVEMENT	SY	1,304	\$ 7.80	\$ 10,171.20		\$ -		\$ -		\$ -
2105.507	COMMON EXCAVATION (P)	C.Y.	286,438	\$ 1.78	\$ 509,859.64	4,641.	\$ 8,260.98		\$ -	4,641.	\$ 8,260.98
2105.601	DEWATERING	Lump Sum	1	\$ 14,905.00	\$ 14,905.00		\$ -		\$ -		\$ -
2105.602	TEST HOLE	Each	10	\$ 265.00	\$ 2,650.00		\$ -	10.	\$ 2,650.00	10.	\$ 2,650.00
2105.607	TOPSOIL EXCAVATION (P)	C.Y.	211,673	\$ 1.75	\$ 370,427.75		\$ -	59,246.	\$ 103,680.50	59,246.	\$ 103,680.50
2106.507	COMMON EMBANKMENT (CV) (P)	C.Y.	557,799	\$ 2.63	\$ 1,467,011.37	150,832.	\$ 396,688.16	335,728.	\$ 882,964.64	486,560.	\$ 1,279,652.80
2112.601	SUBGRADE PREPARATION (CV) (P)	C.Y.	61,542	\$ 2.00	\$ 123,084.00	12,304.	\$ 24,608.00	45,235.	\$ 90,470.00	57,539.	\$ 115,078.00
2118.509	AGGREGATE SURFACING CLASS 1	Ton	249	\$ 15.00	\$ 3,735.00		\$ -		\$ -		\$ -
2123.510	DOZER	Hour	46	\$ 145.00	\$ 6,670.00		\$ -		\$ -		\$ -
2123.610	CRAWLER MOUNTED BACKHOE	Hour	14	\$ 175.00	\$ 2,450.00		\$ -		\$ -		\$ -
2211.509	AGGREGATE BASE CLASS 5	Ton	1,602	\$ 14.25	\$ 22,828.50		\$ -		\$ -		\$ -
2360.509	TYPE SP 9.5 WEARING COURSE MIXTURE (2,B)	Ton	330	\$ 105.00	\$ 34,650.00		\$ -		\$ -		\$ -
2411.601	CONCRETE OUTLET STRUCTURE	Each	1	\$ 195,000.00	\$ 195,000.00	0.4	\$ 78,000.00	0.2	\$ 39,000.00	0.6	\$ 117,000.00
2411.607	CONCRETE PIPE CRADLE	C.Y.	43	\$ 1,230.00	\$ 52,890.00	25.5	\$ 31,365.00	21.5	\$ 26,445.00	47.	\$ 57,810.00
2412.502	12X5 PRECAST CONCRETE END SECTION	Each	2	\$ 8,070.00	\$ 16,140.00		\$ -		\$ -		\$ -
2412.502	14X7 PRECAST CONCRETE END SECTION (TYPE III)	Each	2	\$ 17,615.00	\$ 35,230.00		\$ -		\$ -		\$ -
2412.503	12X5 PRECAST CONCRETE BOX CULVERT	Lin. Ft.	62	\$ 950.00	\$ 58,900.00		\$ -		\$ -		\$ -
2412.503	14X7 PRECAST CONCRETE BOX CULVERT	Lin. Ft.	90	\$ 1,130.00	\$ 101,700.00		\$ -		\$ -		\$ -
2451.507	GRANULAR BACKFILL (CV) (P)	C.Y.	727	\$ 21.50	\$ 15,630.50		\$ -		\$ -		\$ -
2451.507	GRANULAR BEDDING (CV) (P)	C.Y.	1,573	\$ 21.50	\$ 33,819.50		\$ -		\$ -		\$ -
2452.618	VINYL SHEET PILING	SQ. FT.	8,250	\$ 9.50	\$ 78,375.00		\$ -		\$ -		\$ -
2501.502	18" GS APRON	Each	4	\$ 150.00	\$ 600.00		\$ -		\$ -		\$ -
2501.502	24" GS APRON	Each	2	\$ 200.00	\$ 400.00		\$ -		\$ -		\$ -
2501.502	36" GS APRON	Each	2	\$ 430.00	\$ 860.00		\$ -		\$ -		\$ -
2501.502	60" RC PIPE APRON	Each	2	\$ 2,300.00	\$ 4,600.00		\$ -		\$ -		\$ -
2501.502	FLAP GATE FOR 18" CS PIPE CULVERT	Each	33	\$ 615.00	\$ 20,295.00		\$ -		\$ -		\$ -
2501.502	FLAP GATE FOR 24" CS PIPE CULVERT	Each	6	\$ 680.00	\$ 4,080.00		\$ -		\$ -		\$ -
2501.502	FLAP GATE FOR 36" CS PIPE CULVERT	Each	1	\$ 1,000.00	\$ 1,000.00		\$ -		\$ -		\$ -
2501.502	35" SPAN GS PIPE-ARCH APRON	Each	6	\$ 355.00	\$ 2,130.00		\$ -		\$ -		\$ -
2501.502	42" SPAN GS PIPE-ARCH APRON	Each	8	\$ 470.00	\$ 3,760.00		\$ -		\$ -		\$ -
2501.502	57" SPAN GS PIPE-ARCH APRON	Each	4	\$ 965.00	\$ 3,860.00		\$ -		\$ -		\$ -
2501.502	64" SPAN GS PIPE-ARCH APRON	Each	6	\$ 1,170.00	\$ 7,020.00		\$ -		\$ -		\$ -
2501.502	71" SPAN GS PIPE-ARCH APRON	Each	10	\$ 1,470.00	\$ 14,700.00		\$ -		\$ -		\$ -
2501.502	73" SPAN GS PIPE-ARCH APRON	Each	8	\$ 2,300.00	\$ 18,400.00		\$ -		\$ -		\$ -
2501.502	65" SPAN RC PIPE-ARCH APRON	Each	2	\$ 2,100.00	\$ 4,200.00		\$ -		\$ -		\$ -
2501.503	18" CS PIPE CULVERT	Lin. Ft.	1,474	\$ 30.00	\$ 44,220.00		\$ -		\$ -		\$ -
2501.503	24" CS PIPE CULVERT	Lin. Ft.	328	\$ 35.00	\$ 11,480.00		\$ -		\$ -		\$ -
2501.503	36" CS PIPE CULVERT	Lin. Ft.	72	\$ 54.00	\$ 3,888.00		\$ -		\$ -		\$ -
2501.503	35" SPAN CS PIPE-ARCH CULVERT	Lin. Ft.	132	\$ 53.00	\$ 6,996.00		\$ -		\$ -		\$ -



Client Project No. 176  
 HEI Project No. 3655-0091  
 Project: Black River Impoundment Project  
 Location: Bray, Sanders, Polk Centre, & Black River Townships, Pennington Cty  
 Contractor: R.J. Zavoral & Sons, Inc.

**PAY ESTIMATE**

<b>PAY ESTIMATE #:</b>	3
<b>SUBMITTED:</b>	12/10/2020
<b>BEGIN DATE:</b>	11/21/2020
<b>END DATE:</b>	12/7/2020

ITEM NO.	DESCRIPTION	UNIT	CONTRACT			CURRENT PAY ESTIMATE		PREVIOUS PAY ESTIMATES		PAY ESTIMATES TO DATE	
			QUANTITY	PRICE	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT
2501.503	42" SPAN CS PIPE-ARCH CULVERT	Lin. Ft.	172	\$ 60.00	\$ 10,320.00		\$ -		\$ -		\$ -
2501.503	57" SPAN CS PIPE-ARCH CULVERT	Lin. Ft.	78	\$ 85.00	\$ 6,630.00		\$ -		\$ -		\$ -
2501.503	64" SPAN CS PIPE-ARCH CULVERT	Lin. Ft.	136	\$ 115.00	\$ 15,640.00		\$ -		\$ -		\$ -
2501.503	71" SPAN CS PIPE-ARCH CULVERT	Lin. Ft.	300	\$ 140.00	\$ 42,000.00		\$ -		\$ -		\$ -
2501.503	73" SPAN CS PIPE-ARCH CULVERT	Lin. Ft.	158	\$ 130.00	\$ 20,540.00		\$ -		\$ -		\$ -
2501.503	87" SPAN CS PIPE-ARCH CULVERT (BEVELED)	Lin. Ft.	170	\$ 160.00	\$ 27,200.00		\$ -		\$ -		\$ -
2501.503	103" SPAN CS PIPE-ARCH CULVERT (BEVELED)	Lin. Ft.	159	\$ 190.00	\$ 30,210.00		\$ -		\$ -		\$ -
2501.503	117" SPAN CS PIPE-ARCH CULVERT (BEVELED)	Lin. Ft.	68	\$ 225.00	\$ 15,300.00		\$ -		\$ -		\$ -
2501.503	142" SPAN CS PIPE-ARCH CULVERT (BEVELED)	Lin. Ft.	134	\$ 355.00	\$ 47,570.00		\$ -		\$ -		\$ -
2501.503	65" SPAN RC PIPE-ARCH CULVERT	Lin. Ft.	76	\$ 230.00	\$ 17,480.00		\$ -		\$ -		\$ -
2501.503	60" RC PIPE CULVERT DESIGN 3006 CLASS II	Lin. Ft.	82	\$ 215.00	\$ 17,630.00		\$ -		\$ -		\$ -
2501.503	60" RC PIPE CULVERT DESIGN 3006 CLASS III	Lin. Ft.	52	\$ 235.00	\$ 12,220.00		\$ -		\$ -		\$ -
2501.602	PLUG AND ABANDON PIPE CULVERT	Each	8	\$ 775.00	\$ 6,200.00		\$ -		\$ -		\$ -
2511.507	RANDOM RIPRAP CLASS II	C.Y.	259	\$ 95.00	\$ 24,605.00		\$ -		\$ -		\$ -
2511.507	RANDOM RIPRAP CLASS III	C.Y.	3,941	\$ 95.00	\$ 374,395.00	507.	\$ 48,165.00		\$ -	507.	\$ 48,165.00
2563.601	TRAFFIC CONTROL	Lump Sum	1	\$ 25,000.00	\$ 25,000.00		\$ -		\$ -		\$ -
2573.501	STABILIZED CONSTRUCTION EXIT	Lump Sum	1	\$ 3,500.00	\$ 3,500.00		\$ -		\$ -		\$ -
2573.503	SILT FENCE TYPE MS	Lin. Ft.	2,020	\$ 1.20	\$ 2,424.00		\$ -	165.	\$ 198.00	165.	\$ 198.00
2573.503	SEDIMENT CONTROL LOG TYPE STRAW	Lin. Ft.	370	\$ 5.00	\$ 1,850.00		\$ -		\$ -		\$ -
2573.503	FLOTATION SILT CURTAIN TYPE WORK AREA	Lin. Ft.	120	\$ 20.00	\$ 2,400.00		\$ -		\$ -		\$ -
2573.607	ROCK DITCH CHECK	C.Y.	114	\$ 120.00	\$ 13,680.00	19.	\$ 2,280.00		\$ -	19.	\$ 2,280.00
2574.508	FERTILIZER, TYPE 1	Pound	53,876	\$ 0.45	\$ 24,244.20		\$ -		\$ -		\$ -
2575.504	RAPID STABILIZATION METHOD 4	S.Y.	1,983	\$ 1.10	\$ 2,181.30	1,994.	\$ 2,193.40		\$ -	1,994.	\$ 2,193.40
2575.504	EROSION CONTROL BLANKET CATEGORY 3	S.Y.	5,999	\$ 1.00	\$ 5,999.00		\$ -		\$ -		\$ -
2575.505	SEEDING	Acre	289.6	\$ 100.00	\$ 28,960.00		\$ -		\$ -		\$ -
2575.505	DISK ANCHORING	Acre	289.6	\$ 20.00	\$ 5,792.00	39.	\$ 780.00		\$ -	39.	\$ 780.00
2575.508	SEED MIXTURE 22-111	Pound	8,833	\$ 2.50	\$ 22,082.50		\$ -		\$ -		\$ -
2575.508	SEED MIXTURE 25-141	Pound	17,086	\$ 3.00	\$ 51,258.00		\$ -		\$ -		\$ -
2575.509	MULCH MATERIAL TYPE 1	Ton	579.2	\$ 85.00	\$ 49,232.00	39.	\$ 3,315.00		\$ -	39.	\$ 3,315.00
2582.503	4" SOLID LINE PAINT (WHITE)	Lin. Ft.	686	\$ 2.20	\$ 1,509.20		\$ -		\$ -		\$ -
2582.503	4" BROKEN LINE PAINT (YELLOW)	Lin. Ft.	90	\$ 2.20	\$ 198.00		\$ -		\$ -		\$ -
<b>Totals</b>											
					<b>Original Contract Amount</b>	<b>\$ 4,374,457.66</b>					
					<b>Extra / Change Order Amount</b>	<b>\$ -</b>					
						<b>Work Completed</b>	<b>\$ 629,655.54</b>		<b>\$ 1,220,408.14</b>		<b>\$ 1,850,063.68</b>





12/04/20

Red Lake Watershed District  
Attn: Myron Jesme  
1000 Pennington Avenue South  
Thief River Falls, MN 56701

Re: THIEF RIVER FALLS, MN

BAN Number N813200

Myron Jesme,

Please review the attached Special Construction Proposal. If acceptable, return a signed copy and a form of payment for the total charges in the amount of \$16,947.56. Please note, your job will not be scheduled until we are in receipt of the above.

Send all documents and payments to:

CenturyLink Asset Accounting - BART  
700 W Mineral Ave  
Room NM P29.34  
Littleton, CO 80120

Documents to include:

- Signed Proposal
- Payment

After we have received the above from you, we will return one fully executed copy for your records. The fully executed Special Construction Proposal will constitute the agreement between you and Centurylink for the Work. **NO ADDITIONAL TERMS AND CONDITIONS WILL BE ACCEPTED.**

Checks or money order should be made payable to CenturyLink. If you are providing a Purchase Order as a form of payment, please sign, date and return the Purchase Order for the amount of \$16,947.56. Please note that any terms and conditions set forth on a Purchase Order will not become part of the agreement for the Work, which is governed solely by the Special Construction Proposal. If you are interested in an electronic payment option, ACH is available and instructions will be provided to you upon request. CenturyLink is unable to accept credit card payments for Special Construction projects.

Any questions regarding the scheduling of the work to be performed or decisions to cancel the work, please contact CenturyLink representative, Danielle Knisley at 402-416-5641.

Asset Accounting Operations  
Email: sconstr@Lumen.com  
720-567-6991

enclosures

## Special Construction Proposal

Date: 12/04/20

Billing Address:

Work Location:

Customer: Red Lake Watershed DistrictCSAH3 and CR67Attention: Myron JesmeCounty PENNINGTON1000 Pennington Avenue SouthTHIEF RIVER FALLS, MNThief River Falls, MN 56701

This Special Construction Proposal ("Proposal") is governed by the terms and conditions set forth herein as well as any applicable state or federal tariffs and/or rates and services schedules on file with the applicable regulatory authorities. Description and/or specifications of work, along with the bill amount, of work to be performed by an operating affiliate of CenturyLink, Inc. ("CenturyLink") under this Proposal ("Work") is as follows:

Work will consist of a 500 foot bore of new fiber 12 feet below the deepest cut then cutting and swinging to new fiber. All splicing and testing activities will be completed. This work falls into the excess construction category, which is billable back to the customer.

Advance Payment (required before work begins): \$16,947.56Total Charges: Sixteen Thousand Nine Hundred Forty-Seven Dollars and 56/100

This Proposal may be withdrawn by Company if not accepted by the Customer within 30 days. **Upon execution by both parties, this Proposal and the terms and conditions of any applicable tariffs and/or rates and services schedules on file with the applicable regulatory authorities shall constitute a binding agreement upon the parties. In no event will the terms and conditions of another document, including but not limited to a purchase order, be construed to in any way govern the Work or otherwise bind the parties to this Proposal. The parties acknowledge and agree that the terms and conditions set forth in this Proposal and the applicable tariffs and/or applicable rates and services schedules shall be the only controlling terms and conditions binding the parties for the Work and that commencement of Work by Company is conditioned upon agreement in writing to these terms.**

For the Work performed hereunder, Customer will be responsible for the above charges only, unless (i) the above-stated amount is expressed as an estimate; (ii) otherwise stated above; or (iii) a change order is signed by both parties. All charges shall be paid prior to commencement of the Work ("Advance Payment") unless an alternative payment method is set forth above. All past due undisputed accounts will be assessed a late fee at 14% APR. Where applicable, and notwithstanding the foregoing, Customer shall also be responsible for foreign, federal, state and local taxes assessed in connection with the Work, including, without limitation, all use, sales, value added, surcharges, excise, franchises, commercial, gross receipts, license, privilege or other similar charges, whether charged to or against Company or Customer, but excluding any taxes based on Company's net income.

\*Note If applicable, the Work proposed here is separate from any work that may be performed pursuant to any other order or agreement, including but not limited to a Pre-Service Request for cell site provisioning.

For **Governmental Customers only**, Company will submit an invoice of charges upon completion of the Work, payable within forty-five (45) days of receipt. Past due undisputed amounts will be assessed a late fee of 14% APR or such lesser amount if required under applicable state and/or federal law.

**CenturyLink**

Authorized Signature: \_\_\_\_\_

Name Printed/Typed: \_\_\_\_\_

Title: \_\_\_\_\_

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

**Customer**

Authorized Signature: \_\_\_\_\_

Name Printed/Typed: \_\_\_\_\_

Title: \_\_\_\_\_

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

USFWS Agassiz NWR

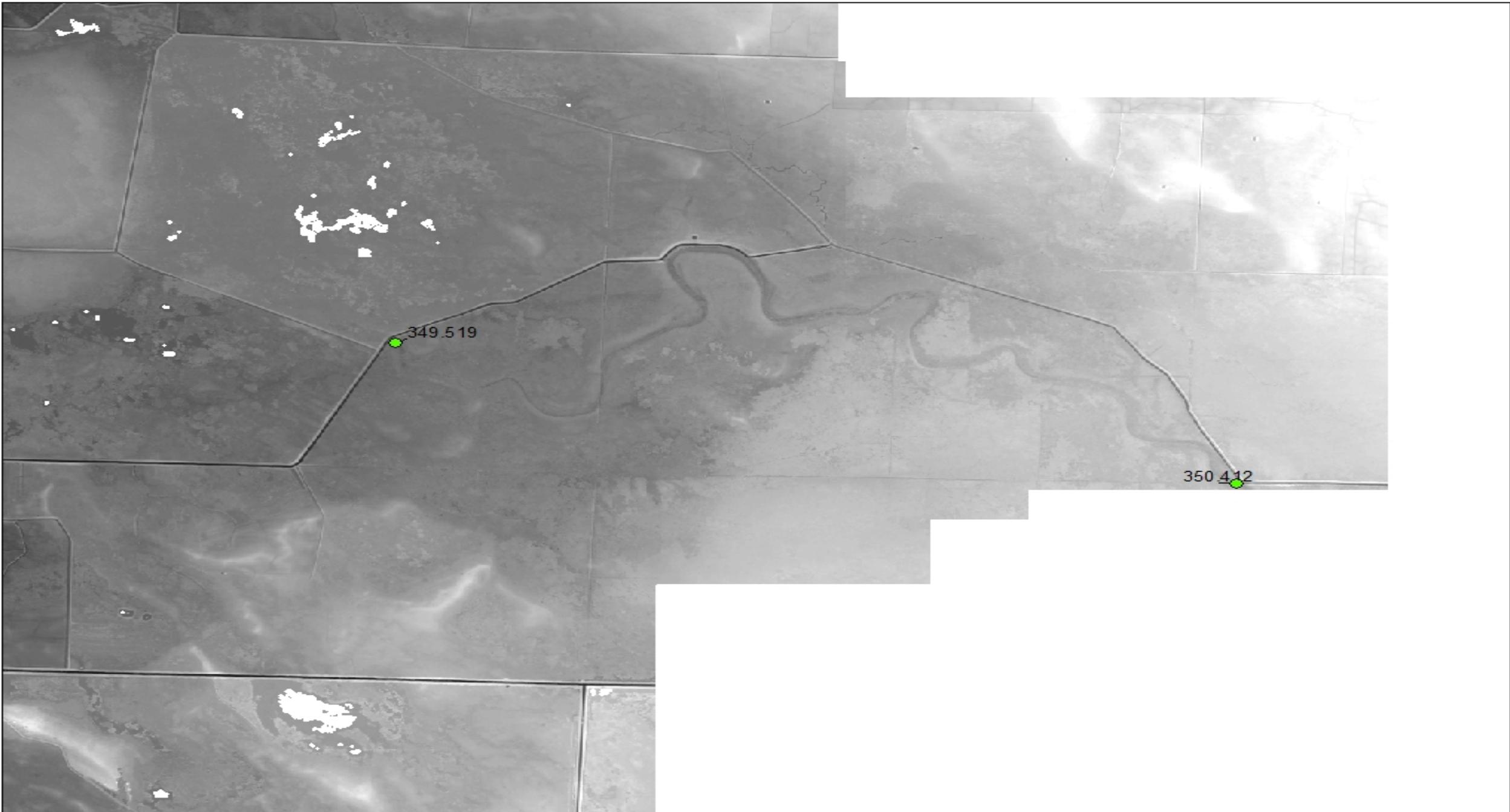
Diversion Ditch

Mud River Restoration

MnDNR – Eckvoll WMA

Eckvoll Wildlife  
Management Area





349.519

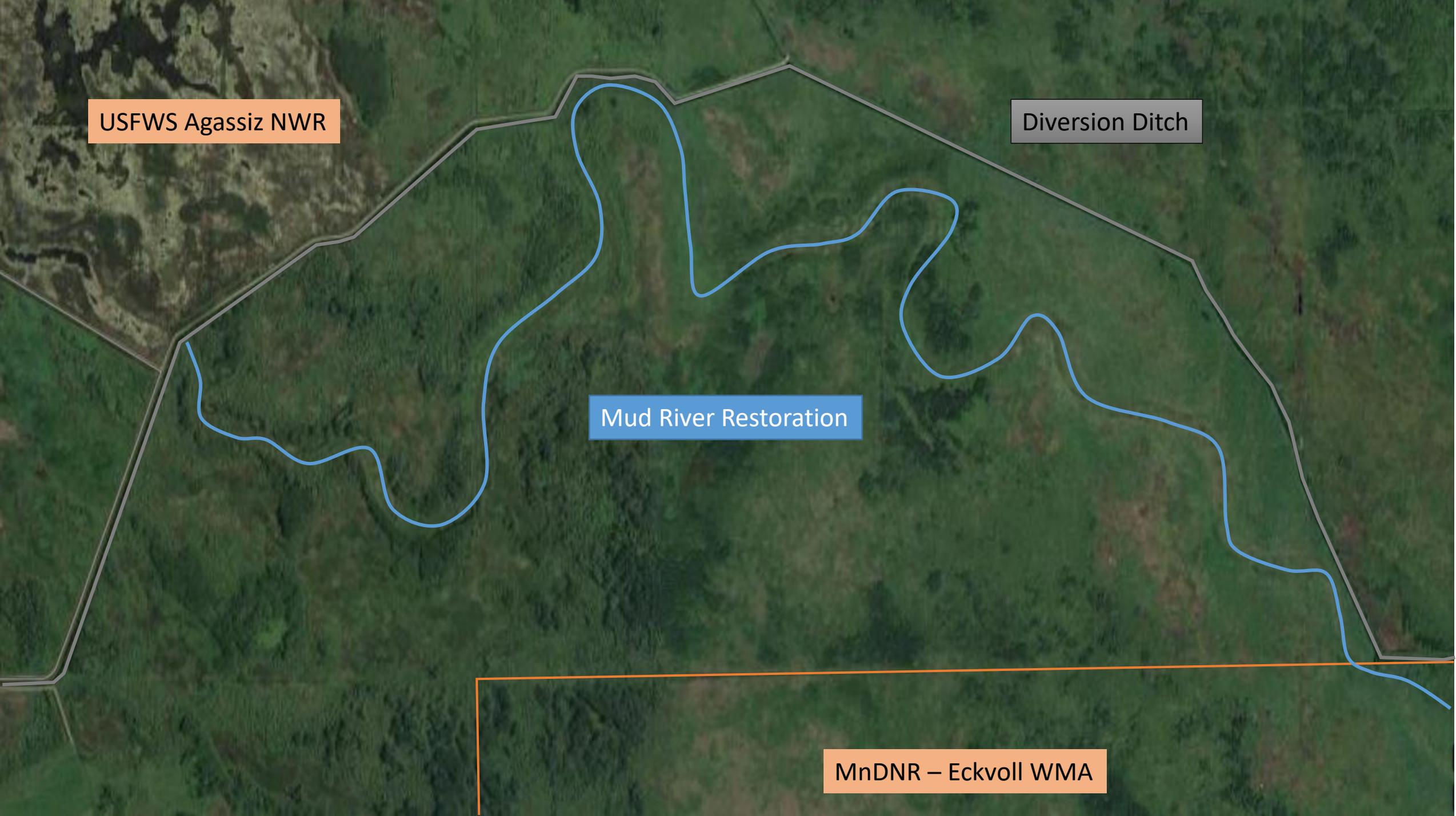
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USFWS Agassiz NWR

Diversion Ditch

Mud River Restoration

MnDNR – Eckvoll WMA



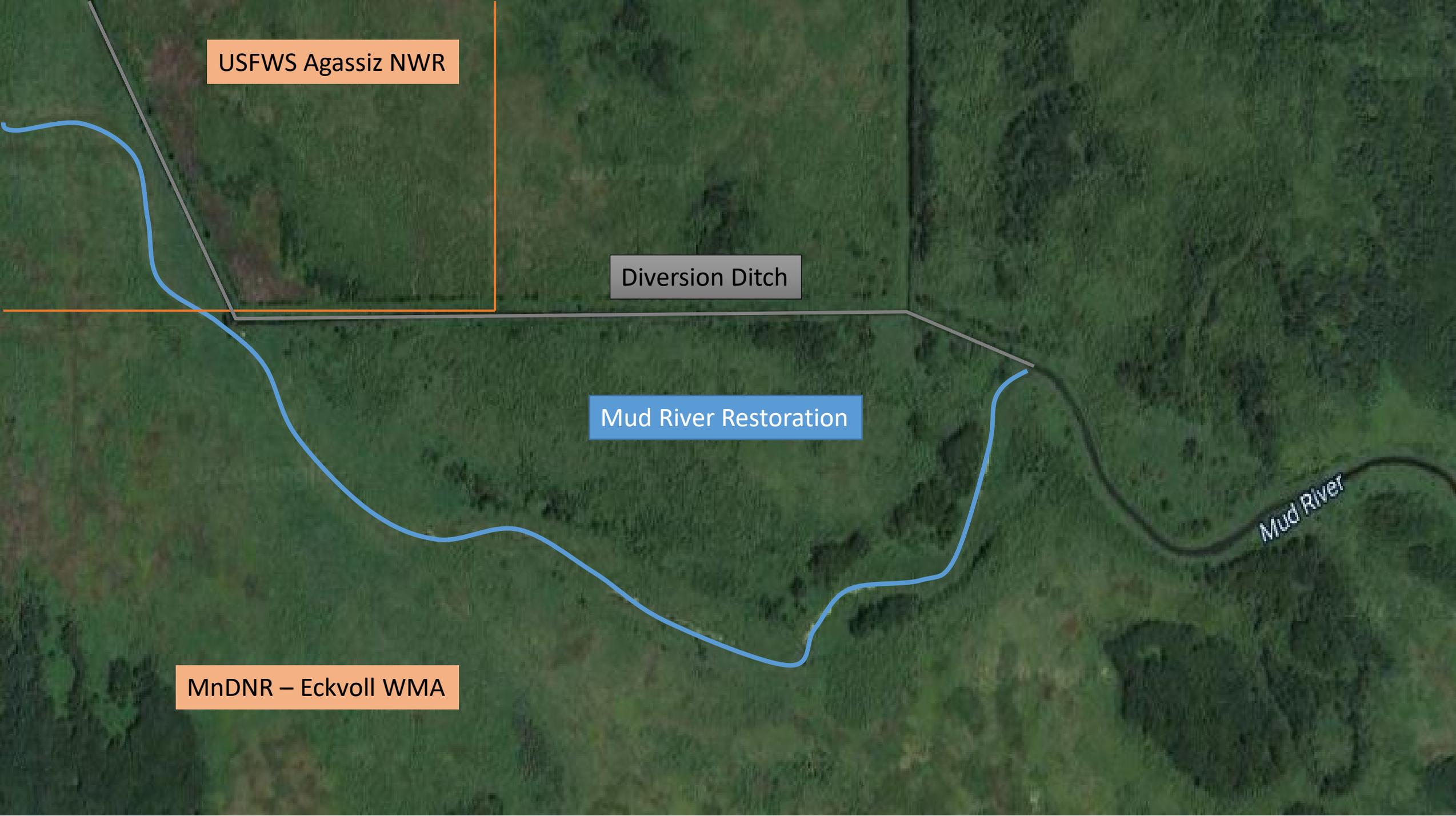
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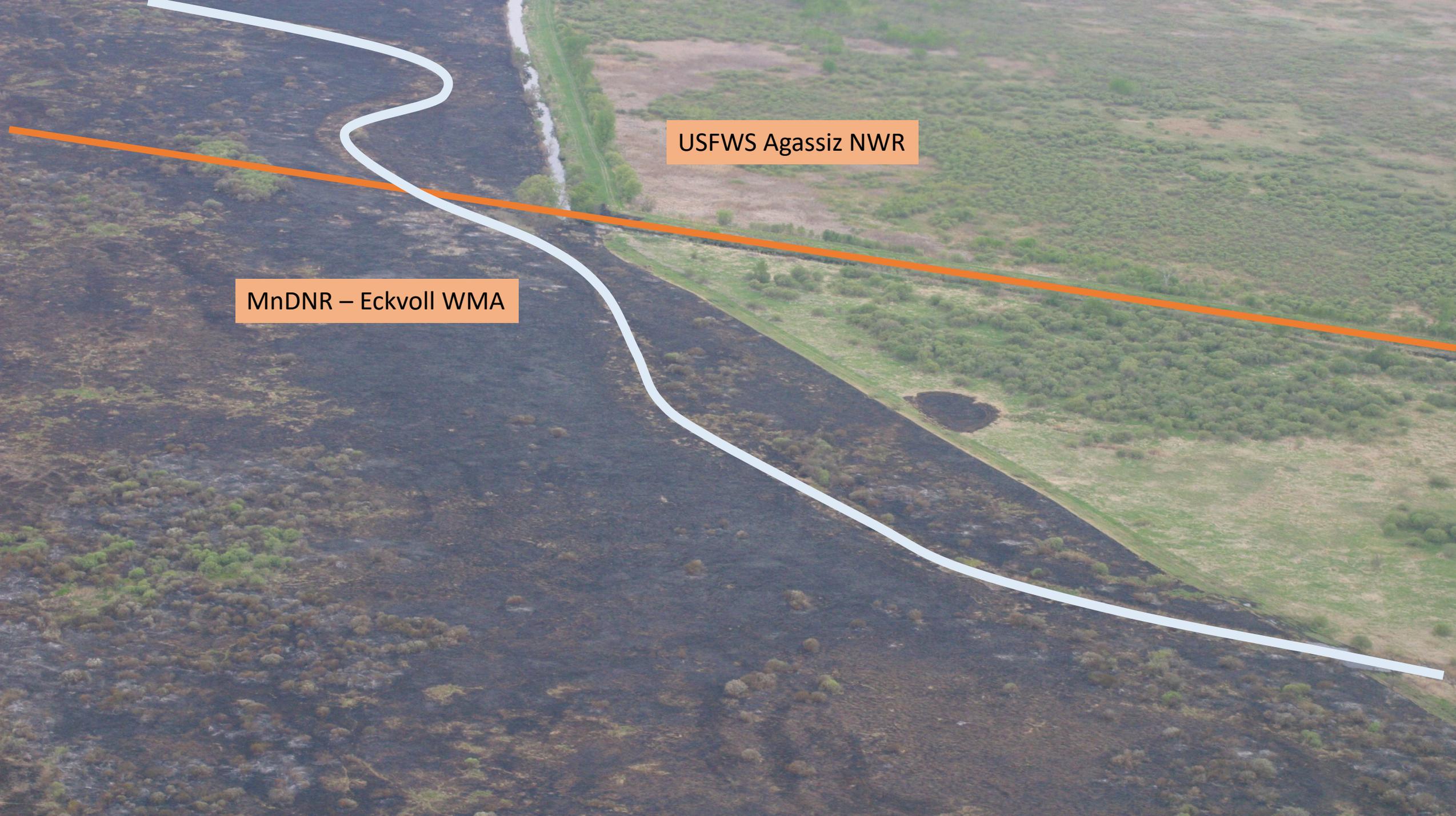
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Mud River Restoration

MnDNR – Eckvoll WMA

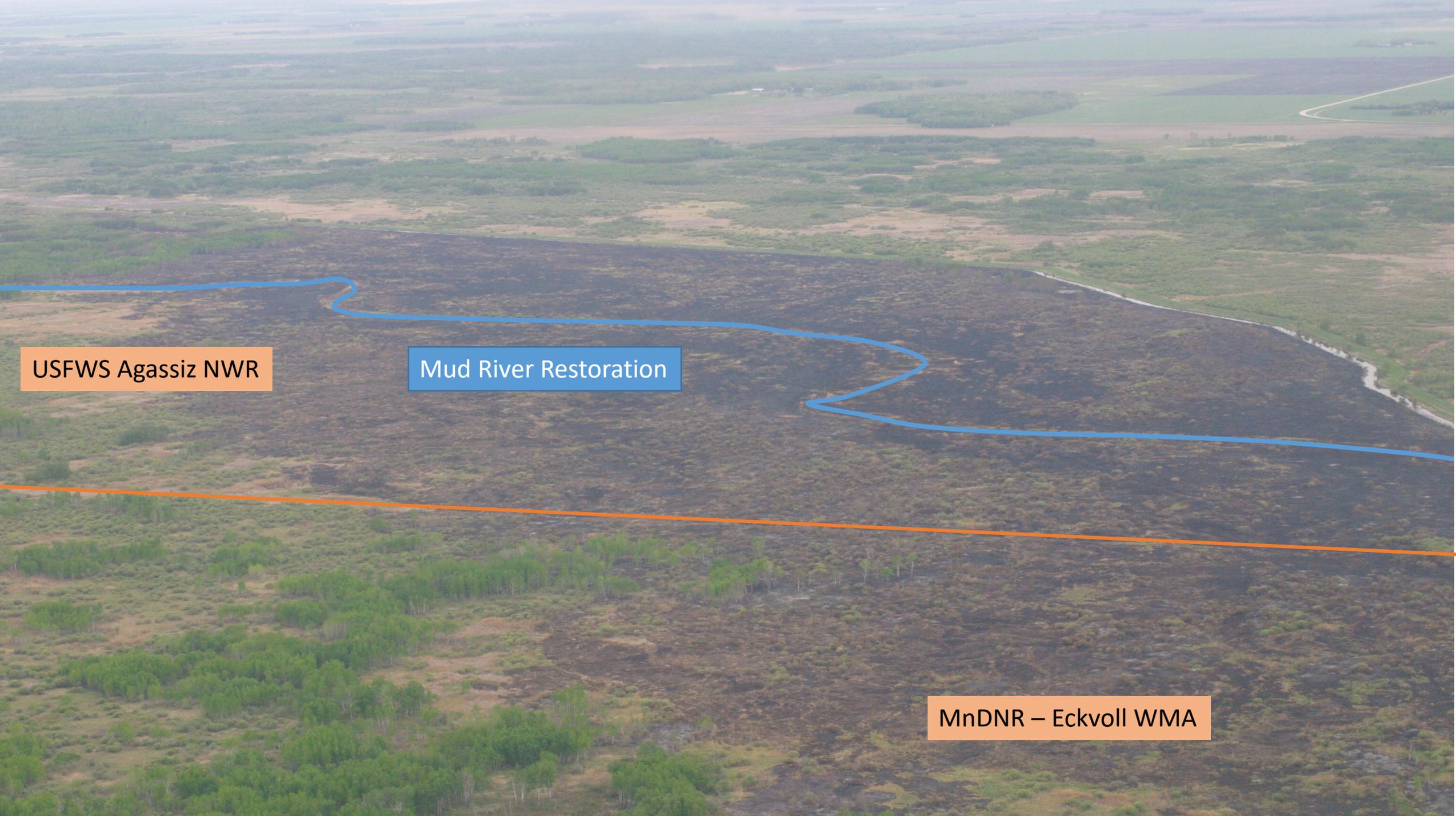
Mud River





USFWS Agassiz NWR

MnDNR – Eckvoll WMA

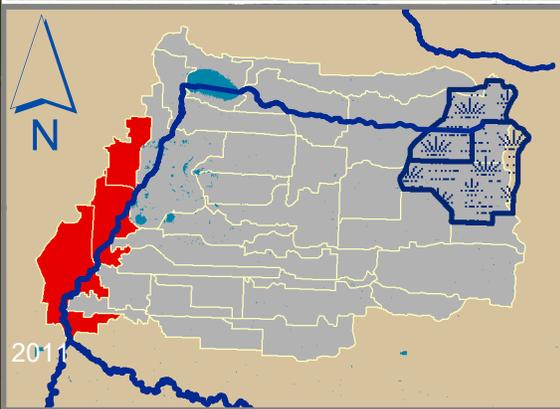
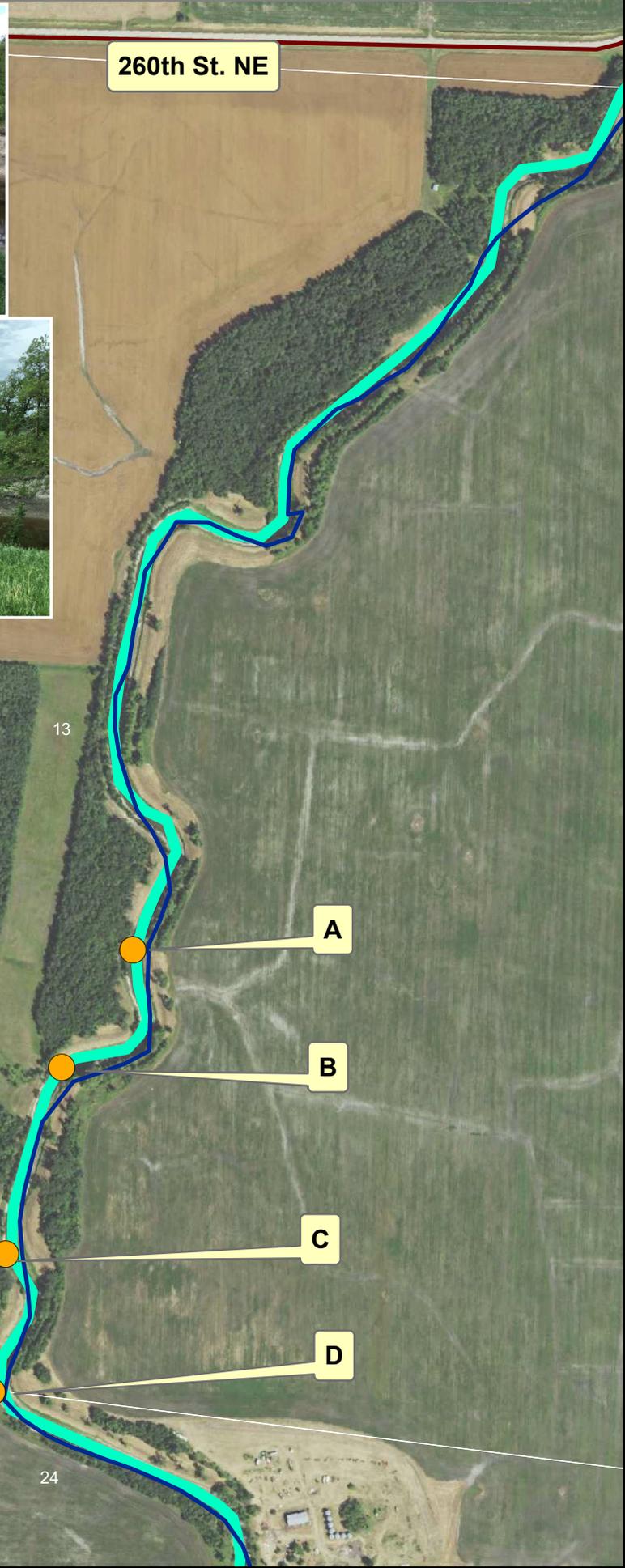
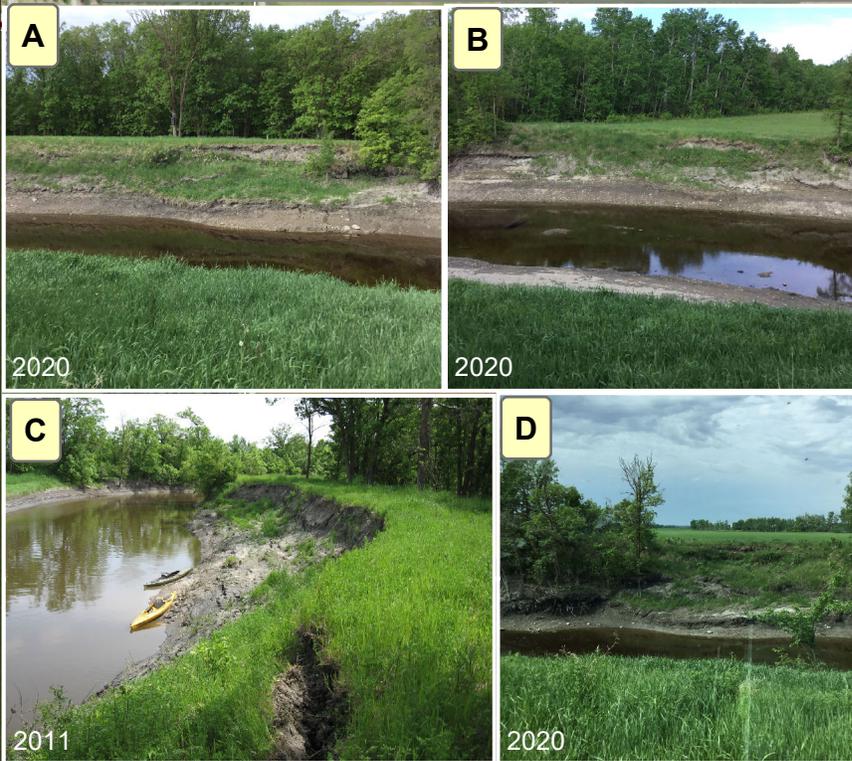


USFWS Agassiz NWR

Mud River Restoration

MnDNR – Eckvoll WMA

# Lower Thief River Top Priority Streambank Stabilization Sites - 2020



## Legend

- Priority Streambank Stabilization Sites**
- Extreme or Very High BEHI
  - High BEHI and Priority for SD 83
  - Thief River
  - Project\_14\_State\_Ditch\_83
  - State and US Highways
  - County State Aid Highways
  - County Boundaries
  - Section Lines

BEHI = Bank Erosion Hazard Index



# Watershed Based Implementation Funding Phase I

## Application

**Grant Name - 2020 - Red Lake River Watershed Based Funding**  
**Grant ID - C20-9813**  
**Organization - Pennington SWCD**

<b>Allocation</b>	<b>Watershed Based Implementation Funding Phase I 2020</b>	<b>Grant Contact</b>	<b>Peter Nelson</b>
<b>Total Grant Amount Requested</b>	\$1,071,149.00	<b>County(s)</b>	Pennington ,Polk ,Red Lake
<b>Grant Match Amount</b>	\$107,115	<b>12 Digit HUC(s)</b>	
<b>Required Match %</b>	10%	<b>Applicant Organization</b>	Pennington SWCD
<b>Calculated Match %</b>	10%	<b>Application Submitted Date</b>	
<b>Other Amount</b>			
<b>Project Abstract</b>	<p>Impaired waters in the Red Lake River 1W1P are categorized into management classes to target impaired waters that are closest to meeting water quality standards and to protect unimpaired waters close to becoming impaired. Priority management areas targeted in 2020and 2021 include the Little Black River, Black River, County Ditch 96, the Red Lake River between Thief River and Crookston, and the Burnham Creek. Total Suspended Solids are a common impairment in the watershed and it's a priority to restore impaired waters closest to meeting water quality standards and to reduce runoff driven sediment to high-quality unimpaired waters. Grade Stabilization Structures, Source Reduction Practices, and other Priority Agricultural practices will be targeted using PTMApp in priority management areas to reduce 2855 tons of sediment. An Biennial Workplan has been developed and approved by the Red Lake River 1W1P Policy Committee to implement Source Reduction and</p>		

	Agricultural Practices in priority management areas identified by the PTMApp.
<b>Proposed Measurable Outcomes</b>	Reduce sediment by 2,855 T/YR by implementing grade stabilization structures and priority agricultural practices using PTMApp. The sediment reduction goal is 127,453 tons annually or a 62.2% reduction at the outlet of the Red Lake River

## Narrative

### Questions & Answers

## Application Budget

Activity Name	Activity Description	Category	State Grant \$ Requested	Activity Lifespan (yrs)
<b>2020 RLR 1W1P Project Development</b>	Project development includes expenses such as landowner meetings, project mailings, identifying priority projects, and developing necessary agreements or contracts. LGU staff will work with the Ditch Authority and private landowners to discuss resource concerns and implementing grade stabilization structures or other agricultural practices. Staff will collaborate with the MN Agricultural Water Quality Certification Program (MAWQCP) Specialist to identify resource concerns and projects through their assessment process. The Planning Workgroup plans to implement an incentive payment to producers that sign up for the MN Agricultural Water Quality Certification Program. The PTMApp will be used to target landowner outreach for priority projects 11 and 12 identified in the 2020 & 2021 Workplan. A Cover-Crop Policy and non-structural cost-share policy will likely need to be developed as well.	PROJECT DEVELOPMENT	\$53,558.00	

Activity Name	Activity Description	Category	State Grant \$ Requested	Activity Lifespan (yrs)
<b>2020 RLR Priority Non-Structural Practices</b>	Utilizing the PTMApp, work with landowners to implement 2,000 acres of source reduction practices. Collaborate with the MN Agricultural Water Quality Certification Specialist to identify resource concerns and priority projects through the MAWQCP assessment process.	NON-STRUCTURAL MANAGEMENT PRACTICES	\$50,000.00	
<b>2020 RLR 1W1P Ag. Practices</b>	Install six grade stabilization structures in the Black River, Little Black River, and Middle Red Lake River priority management areas. The project numbers are 1, 2, 5, 6, 7, and 12 in 2020-2021 Workplan. Utilize the PTMApp to target agricultural practices in the top priority management areas that include the Black River, Little Black River, Middle Red Lake River, CD 96, Burnham Creek. Target practices using the PTMApp in secondary, or tier two, priority areas including Polk County Ditch 100 (L5) and Cry Creek. Likely practices will be grade stabilization structures, filter strips, and water and sediment control basins.	AGRICULTURAL PRACTICES	\$444,804.00	
<b>2020 RLR 1W1P Administration</b>	<p>The Red Lake Watershed District was appointed fiscal agent for the grant and will track grant expenditures, process payments, and assist with grant reporting and other financial responsibilities.</p> <p>The Pennington SWCD was appointed 1W1P Coordinator and will organize planning workgroup meetings, policy committee meetings, develop agendas, complete required reporting, and other tasks associated for the implementation of grant activities.</p>	ADMINISTRATION /COORDINATION	\$53,557.00	

Activity Name	Activity Description	Category	State Grant \$ Requested	Activity Lifespan (yrs)
<b>2020 RLR 1W1P Technical and Engineering</b>	Technical and Engineering expenses include surveying and design of grade stabilization projects and streambank stabilization structures from a licensed engineer or staff with NRCS Job Approval Authority for the specific practice. Non-Structural practices will also follow the NRCS Field Office Technical Guide (FOTG) standards or SWCD approved policy. Geotechnical work is expected to be completed on at least one project identified in the workplan. Funding may be used to hire additional, or supplement, staff to assist with survey and design work.	TECHNICAL/ENGINEERING ASSISTANCE	\$214,230.00	
<b>2020 RLR Streambank and Shoreland Protection</b>	Stabilize 100 feet of RLWD Ditch 10 near the outlet into the Red Lake River.	STREAMBANK OR SHORELINE PROTECTION	\$180,000.00	10
<b>2020 RLR CD96 Outlet</b>	A Clean Water Fund grant is allocated to stabilize a portion of the CD 96 Outlet in Pennington County. The project is anticipated to exceed the cost of the grant and a portion of the Watershed Based Funding will be used towards stabilizing the outlet of CD96.	STREAMBANK OR SHORELINE PROTECTION	\$75,000.00	

## Proposed Activity Indicators

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
<b>2020 RLR 1W1P Ag. Practices</b>	PHOSPHORUS (EST. REDUCTION)	85 LBS/YR	Middle Red Lake River	RUSLE2 (UPDATED)	Project 6 and 7
<b>2020 RLR Streambank and Shoreland Protection</b>	PHOSPHORUS (EST. REDUCTION)	16 LBS/YR	Red Lake River	BWSR CALC (GULLY STABILIZATION)	RLWD Ditch 10
<b>2020 RLR Priority Non-Structural Practices</b>	SEDIMENT (TSS)	329 TONS/YR	M3, M4, M5, M7, L4	Other	PTMApp - Source Reduction Avg Reduction Est.
<b>2020 RLR 1W1P Ag.</b>	SEDIMENT (TSS)	1643 TONS/YR	Black and Little	RUSLE2 (UPDATED)	Projects 1 and

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
<b>Practices</b>			Black River		2 LiDAR and survey. Project 5 - RUSLE2
<b>2020 RLR 1W1P Ag. Practices</b>	SEDIMENT (TSS)	92 TONS/YR	Middle Red Lake River	BWSR CALC (GULLY STABILIZATION)	Project 6 and 7
<b>2020 RLR 1W1P Ag. Practices</b>	SEDIMENT (TSS)	535 TONS/YR	All Priority Management Areas	Other	PTMApp - Project 12. Half Protection, Half Source Red.
<b>2020 RLR Streambank and Shoreland Protection</b>	SEDIMENT (TSS)	20 TONS/YR	Red Lake River	BWSR CALC (GULLY STABILIZATION)	RLWD Ditch 10
<b>2020 RLR CD96 Outlet</b>	SEDIMENT (TSS)	233 TONS/YR	Red Lake River	BWSR CALC (STREAM & DITCH STABILIZATION)	Link with CWF Grant - Project #9.

## Application Image

## Map Image





Name	Location	Ditch System	Site Visit	Practice	Eng. Request Sent	Survey	Design	Cost Estimate	Contract Signed	On TSA Ledger	Board Approval	Contract #	Installed	Max SWCD C/S \$ Funding	Notes
Barth, Dale	Agder 33	CD 30 & CD 30 - Br. B	Summer 2018	410-6	11/14/2017	Summer 2018	11/16/2018	\$11,174.40	11/16/2019	6/10/2020	11/20/2019	MCBCS-60		\$8,380.80	Contractor = Jeff Olson, Recently Installed, Eng. Needs to sign off
Barth, Dale	Agder 33	CD 30 & CD 30 - Br. B	Summer 2019	410-1	8/15/2019	6/17/2019	6/17/2019	\$1,976.40	11/16/2019	6/11/2020	11/20/2019	MCBCS-61		\$1,482.30	Contractor = Jeff Olson, Recently Installed, Eng. Needs to sign off
Nelson, Leslie	Agder 35	CD 30 - Br. G	Fall 2018	410-3	1/19/2019	6/11/2019	6/11/2019	\$5,877.60	8/5/2019	6/10/2020	6/25/2019	Eng. 18-01	10/13/2020	\$4,408.20	Contractor = Himself. Cost Share has been paid.
Nelson, Jeremy	Agder Strip 11	CD 30 - Br. A	6/11/2020	410-2	6/22/2020					6/22/2020				\$0.00	Waiting to be surveyed/design/cost estimates
Walton, Barry	Cedar 22	SD 83 - Br. 7		410-2										\$0.00	Stopped in 12/1/20and would like to do in 2021
Sorter, Kevin	Cedar 32, SW 1/4	State Ditch 83 - Br. 11	Summer 2017	410-1	6/19/2017	Summer 2018	8/16/2018	\$3,211.20	12/1/2018	6/11/2020	8/21/2018	MCBCS-48	10/13/2020	\$2,408.40	Contractor = Lunkes. Cost Share has been paid.
Prestebak, Tim	Eckvoll 31 & 32, S 1/2	JD 11 - Br. 201	6/11/2020	410-2	6/22/2020					6/22/2020				\$0.00	Waiting to be surveyed/design/cost estimates
Race, Tom	Espelie Strip 4 & 5	CD 20 - Br. D	Fall 2019	410-20	12/3/2019					12/3/2019				\$0.00	Waiting to be surveyed/design/cost estimates
Steinhauer, Gail	Excel 11	CD 33	Summer 2019	410-3	Summer 2019	6/17/2019	6/17/2019	\$5,925.60	5/4/2019	6/10/2020				\$4,444.20	Contract has been sent out, but has not been returned/signed by landowner
Steinhauer, Gail	Excel 3	JD 23 - Lat. 1	Spring 2018	410-3	5/24/2018	8/16/2018	8/16/2018	\$7,017.69						\$5,263.27	Contract has been sent out, but has not been returned/signed by landowner
Barth, Ryan	Excel 33	JD 23 & JD 23 - Lat. 4	Summer 2019	410-5	Summer 2019	7/31/2019	7/31/2019	\$8,256.00		5/6/2019				\$6,192.00	Contract has been sent out, but has not been returned/signed by landowner
Erickson, Patrick	Excel 33	JD 23	Spring 2018	410-2	5/15/2018	8/16/2018	8/16/2018	\$6,535.20	1/31/2020	6/10/2020	2/25/2020	Eng. 18-19	10/1/2020	\$4,901.40	Contractor = Lunkes. Cost Share has been paid.
Aune, Elroy	Moose River 9	JD 21 - Br. A	7/16/2020	410-8	7/24/2020					7/28/2020				\$0.00	Waiting to be surveyed/design/cost estimates
Prestebak, Tim	Moylan 17	JD 11 - Br. 192	6/11/2020	410-2	6/22/2020					6/22/2020				\$0.00	Waiting to be surveyed/design/cost estimates
Lunsetter, Justin	Rollis 14	JD 11 - Br. 1	Summer 2019	410-5	8/28/2019	9/24/2019	9/24/2019	\$9,624.00	5/24/2020	6/10/2020	7/21/2020	MCBCS-417		\$7,218.00	Contractor = Himself, Recently Installed, Eng. Needs to sign off
Lunsetter, Justin	Rollis 15	JD 11 - Br. 1	Summer 2019	410-2	8/28/2019	9/24/2019	9/24/2019	\$4,454.40	5/24/2020	6/10/2020	7/21/2020	MCBCS-416		\$3,340.80	Contractor = Himself, Recently Installed, Eng. Needs to sign off
Lunsetter, Justin	Rollis 16	JD 11 - Br. 1	Summer 2019	410-1	8/28/2019	9/24/2019	9/24/2019	\$3,155.20	5/24/2020	6/10/2020	7/21/2020	MCBCS-415		\$2,366.40	Contractor = Himself, Recently Installed, Eng. Needs to sign off
Dahl, Donovan	Rollis 17	JD 11 - Br. 14	Fall 2019	410-1	8/28/2019	10/8/2019	11/1/2019	\$3,691.20		8/28/2019				\$2,768.40	Contract has been sent out, but has not been returned/signed by landowner
Walton, Barry	Rollis 18	JD 11 - Br. 14	Summer 2019	410-7	8/28/2019					6/10/2020				\$0.00	Waiting to be surveyed/design/cost estimates
Dahl, Donovan	Rollis 6	JD 21 - Br. 17	Fall 2019	410-3						6/10/2020				\$0.00	Eng. Needs to take additional shots before design is done.
Lunke, Brad	Rollis 6, SW 1/4	JD 11 - Br. 10	7/24/2020	410-4	7/29/2020									\$0.00	Waiting to be surveyed/design/cost estimates
Chaplinski, Albin	Thief Lake 33	CD 28	Summer 2019	410-1	Summer 2019	7/31/2019	7/31/2019	\$2,995.20	8/9/2019	6/11/2020	10/1/2019	Eng. 18-04		\$2,246.40	Will be installed in 2021
Lofgren, CJ	Veldt 17	JD 11 - Br. 50	Summer 2019	410-5	Summer 2019	6/18/2019	6/18/2019	\$9,696.00	3/8/2019	6/11/2020	6/25/2019	MCBCS-282		\$7,272.00	Contractor = Lunsetter, Recently Installed, Eng. Needs to sign off
Lunsetter, Justin	Veldt 20	JD 11 - Br. 50	Summer 2019	410-5	8/28/2019					6/10/2020				\$0.00	Waiting to be surveyed/design/cost estimates
McMillin, Randy	Veldt 20	JD 11 - Br. 50	Summer 2019	410-1	Summer 2019	6/18/2019	6/18/2019	\$2,659.20	7/24/2019	6/11/2020	6/25/2019	MCBCS-74		\$1,994.40	Contractor = Lunsetter, Recently Installed, Eng. Needs to sign off
Lunke, Brad	Whiteford 12	JD 11 - Br. 16	7/24/2020	410-3	7/29/2020					7/30/2020				\$0.00	Waiting to be surveyed/design/cost estimates
Berg, Brad	Whiteford 9	SD 83 - Br. 2		410-3										\$0.00	Stopped in recently and would like to do in 2021
Berg, Brad	Whiteford 7	SD 83 - Br. 3		410-7										\$0.00	Stopped in recently and would like to do in 2021
Walton, Barry	Whiteford 14	JD 11 - Br. 7	Summer 2017	410-6	5/30/2017	7/10/2019	7/10/2019	\$10,123.10	10/20/2020	8/28/2019	10/20/2020	MCBCS-397		\$7,592.33	Contractor = Lunsetter, Recently Installed, Eng. Needs to sign off
Walton, Barry	Whiteford 5	SD 83 - Br. 1	Summer 2017	410-6	5/30/2017	7/10/2019	7/10/2019	\$11,227.20	10/20/2020	6/10/2020	10/20/2020	MCBCS-398		\$8,420.40	Contractor = Lunsetter, Recently Installed, Eng. Needs to sign off
								\$107,599.59						\$80,699.69	

410 = Side Water Inlets (SWIs) = Total Number Planned/Interested is 120

Yellow = Contract has been signed & approved, Project is ready to be installed  
Red = Project Installed, Engineer Signed Off and Paid  
Blue = Design/Contract sent out to landowner, but landowner has not signed and sent back as of yet.  
Green = Installed but Engineer has not signed or waiting for voucher payment.



Red River Watershed Management Board

# PROJECT EVALUATION WORKSHEET

RED RIVER WATERSHED MANAGEMENT BOARD  
EVALUATION WORKSHEET  
for  
FLOOD DAMAGE REDUCTION PROJECTS

This worksheet shall be used by Member Watershed Districts in determining the initial feasibility of pursuing a potential site for project development and the District shall provide a completed worksheet for the proposed project's Step I application and a revised worksheet for Step II and Step III applications. The RRWMB shall utilize this form in determining the funding of each proposed project. In addition, the RRWMB and the sponsoring Watershed District shall utilize the Technical Advisory Committee (TAC) recommendation which will include the established "Star Value Method" in making project comparisons. When a proposed project has received Step III approval, the score shall be final. Individual component issues of each project are to be evaluated by using both technical and established policy considerations as adopted in the "Governing Documents" publication.

This document is divided into four separate sections. Each section shall be evaluated individually as deemed appropriate for each proposed flood damage reduction project and collectively in determining the final evaluation for funding from the RRWMB.

SECTION I - ENVIRONMENTAL ENHANCEMENTS ACCOMPLISHED

- A. This proposed project has addressed the following natural resource goals as identified in the "Red River Basin Flood Damage Reduction Work Group Agreement" and incorporated the appropriate goal issues into the final engineer's report. Each goal, if incorporated into the final design, shall have an equal value of 2.5. The accumulative value of each goal accomplished in this project shall be the total score for this section.

This section shall be completed by the Watershed District Project Team.

Check each goal that has been incorporated into this project with an X.

- 1. Manage streams for natural characteristics.
- 2. Enhance riparian and/or in-stream habitat.
- 3. Provide diversity of habitats for stable populations to thrive over a long period.

- 4. Provide connected, integrated habitat including compatible adjacent land uses.
- 5. Enhance or provide seasonal flow regimes in streams for water supply, water quality, recreation, and support biotic communities.
- 6. Provide recreational opportunities.
- 7. Improve water quality.
- 8. Protect water quality.
- 9. Manage lakes for natural characteristics.

The total score for this category is 10.

The recommended minimum score for this category is 10.

#### B. WATERSHED DISTRICT'S PROJECT TEAM RECOMMENDATION

The Watershed District's Project Team has fully processed the proposed project through problem identification, alternative evaluation and selection and recommends the following:

- 0. The proposed project is not a significant contribution to flood damage reduction.
- 7. The proposed project will provide significant flood damage reduction, but a different alternative should be given further consideration.
- 14. The proposed project is significant but immediate implementation is not a high priority.
- 20. The proposed project is very significant and should be implemented at the earliest possible date.

Number 20 best describes the Project Team recommendation.

The recommended minimum score for this category is 14.

## SECTION II - TECHNICAL ADVISORY COMMITTEE RECOMMENDATION

The TAC recommendation shall include the utilization of the "Star Value Method" to determine the RRWMB cost of the storage capability of the proposed project. In addition, the TAC shall provide a written technical narrative providing recommendations and suggestions for changes that would enhance the proposed project and/or an evaluation of the merits of the proposed project in fulfilling the flood damage reduction goals of the RRWMB.

A number of factors determine the effectiveness of a project in reducing flood flows on the Red River mainstem. When implementing individual projects, it is necessary to know how water from any given area will affect downstream flooding. Flooding along the Red River mainstem is substantially affected by runoff timing and volume from upstream areas. Will the peak runoff arrive ahead of, coincident with, or after downstream flood peaks? The design and operating goal should be to store water that would otherwise contribute to downstream flood peaks and to avoid causing damages during the subsequent release of the stored floodwater.

The Flood Damage Reduction Work Group's Technical Paper No. 11 has defined early, middle and late runoff areas within the basin relative to the downstream limit of the Red River Basin in Minnesota at the U.S./Canada border. In relation to maximizing downstream benefits, impoundments are most effectively located in the middle and late areas of the basin. Impoundments located in a late area should be designed to store the early water on the rising limb of the local hydrograph to help reduce mainstem peak flows. Impoundments located in a middle area should be designed to store the peak of the local hydrograph. Impoundments located in the early areas of the basin may also be beneficial to the mainstem if they are designed to store the falling limb of the local hydrograph. This would usually require either a very high capacity storage site to store all the floodwater, or a high capacity gate that can pass the early flows and be closed to store the late flows.

The designed storage volume of a proposed project affects the potential effectiveness in reducing flood flows on the Red River mainstem. Basically, the more volume of floodwater a project can store, the easier it is to operate the structure to optimize storage timing and releases in relation to downstream flooding.

The detention time a project can achieve affects the potential effectiveness in reducing flood flows on the Red River mainstem. Flooding on the mainstem is typically a long-term event, up to and exceeding 30 days for spring flood events. It is imperative that a project be designed to have the capability to store flood volumes for long periods of time so that releases will not add to or prolong flooding downstream.

The Star Value Method is intended to provide a method for the RRWMB to assign a relative value to a floodwater detention project in achieving the goal of reducing peak mainstem flows. It incorporates the factors listed above, is based on parameters that can be determined during early stages of project development and can be kept current as the project moves through various funding steps. The method assigns a value for floodwater detention to a project based on the amount of floodwater storage the project provides and on the length of time it is stored. Storage is adjusted based on reducing the total storage a project provides in excess of 3.6 inches. The length of time the floodwater is stored is adjusted based on the timing of the project watershed's contribution to the Red River peak flow. The difference between the post-project condition and the pre-project condition is the basis for the calculations. The method strongly favors projects designed and operated to achieve relatively long detention times.

The value system utilized to determine the ranking score for potential projects is:

Score	RRWMB Dollar Cost/Star Value
6.....	>20
10.....	15.1 to 20
16.....	10.1 to 15
18.....	5 to 10
20.....	0 to 5

The Star Value Method ranking score for this category is: 10

The recommended minimum score for this category is 10.

*A score lower than 10 in this section shall cause a Step III application to be returned to the applicant with the reason for rejection and a recommendation for correction before being submitted for funding at a future date.*

The technical evaluation narrative and recommendation for this proposed project is as follows:

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SECTION III - PROJECT FUNDING AGREEMENT CONDITIONS

This section is to be utilized by the Watershed District’s Board of Managers as a guide in seeking the appropriate level of funding for a proposed project and by the RRWMB in determining the level of funding to be awarded. Utilize and fill out only one of the three prioritizing schedules (\*) that best applies to the proposed project. Note: “Other interests” means funds received from sources other than RRWMB tax levy that are secured to reduce the RRWMB/WD total commitment.

\* The proposed project provides flood damage reduction solely within a minor watershed of the District and funding will be requested from the RRWMB for:

- 2. Seventy-five percent of the total cost not funded by other interests.
- 3. Sixty-seven percent of the total cost not funded by other interests.
- 4. Fifty percent of the total cost not funded by other interests.
- 6. Twenty-five percent of the total cost not funded by other interests.

\* The proposed project provides flood damage reduction downstream to the outlet into the Red River and funding will be requested from the RRWMB for:

- 10. Seventy-five percent of the total cost not funded by other interests.
- 12. Sixty-seven percent of the total cost not funded by other interests.
- 14. Fifty percent of the total cost not funded by other interests.

18. Twenty-five percent of the total cost not funded by other interests.

\* The proposed project provides flood damage reduction downstream to the common outlet into the Red River from all contributing Minnesota watersheds and funding will be requested from the RRWMB for:

12. Seventy-five percent of the total cost not funded by other interests.

14. Sixty-seven percent of the total cost not funded by other interests.

16. Fifty percent of the total cost not funded by other interests.

20. Twenty-five percent of the total cost not funded by other interests.

Number 12 best describes this proposed project.

The recommended minimum score for this category is 14.

#### SECTION IV

Section IV is composed of three separate issue-orientated papers. Use form A when it is requested by the RRWMB. Use form B when applying for funding of programs or studies. Use form C for all applications for funding assistance.

##### A. QUALIFICATIONS FOR A FUNDING APPLICATION

\*This section shall be utilized only by the RRWMB in the event that the adopted rating system in sections I-III has resulted in an equal comparative scoring value for projects proposed for funding. This section is not to be utilized by an applicant for funding.

Rationale shall be provided in letter form by the applicant, upon receiving a request from the RRWMB, stating the need for funding assistance which could be described as one of the following:

- The District Construction Account (1/2 RRWMB Levy) has adequate funds but the District feels it is entitled to funds because of prior annual levy allocations.
- The District Construction Account has adequate funds but they are needed for other project development costs. (Must list proposed projects and time line for progressing.)

- The District Construction Account is minimal because of low annual levy receipts.
- The District Construction Account is minimal because of funding previously built flood damage reduction projects. (Must list projects built and funding expenditures.)

## B. PRIORITIZATION PROCESS FOR CONSIDERING PROGRAMS AND STUDIES

Consideration for the funding of Programs, Studies or other Flood Damage Reduction Initiatives by Member Watershed Districts shall be ranked for funding eligibility in the following order of priority. The lowest ranking shall be #1 and the highest #7.

1. The initiative is not related to gaining information toward flood damage reduction.
2. The information sought in this initiative is primarily for state or federal agency use, but is needed for gaining information related to flood damage reduction.
3. The information sought in this initiative is primarily for use in the applicant District.
4. The information sought in this initiative is needed by an individual District for their own use, but could be a pilot for establishing a methodology that could be used by all.
5. The information sought in this initiative will be conducted within an individual District, but the information gained can be utilized by all.
6. The information sought in this initiative is being gathered in all cooperating Districts and the information gained is necessary for furthering flood damage reduction initiatives.
7. The information sought in this initiative will be applicable to, and utilized in, all member Districts and is essential for the development of flood damage reduction initiatives within all of the Minnesota portion of the Red River basin.

Number \_\_\_\_ best describes this proposal.

The recommended minimum score for this category is 4.

C. DISTRICT BOARD OF MANAGER'S RECOMMENDATION

The Red Lake Watershed District Watershed District's Board of Managers have utilized the "Project Evaluation Worksheet" in progressing this proposed project and request funding from the RRWMB for 67 percent of the project's total cost not funded by other sources for an estimated amount of \$ 837,500. It is anticipated that construction can be accomplished and therefore funding will be required in:

1. Three to five years.
2. Two to three years.
3. One to two years.
4. Within one year.

This worksheet has been completed for the proposed project known as Pine Lake

by the Red Lake Watershed District

on this 12 day of November, 2020.

\_\_\_\_\_  
President

\_\_\_\_\_  
Secretary

\* Note: The RRWMB shall provide the applicant with a signed form certifying the commitment and shall describe any variation from the "Project Evaluation Worksheet."

Tasks are listed below (not every task is complete, but we are well on our way). Intent is to have a plan and spec around the Holidays.

## Final Design Analyses of FDR Project Components

This task includes final design analyses of the preferred alternative. Final design will build upon the work completed in previous task orders relating to concept development, hydraulic modeling, and preliminary design.

- 1
- 1.1 **Alternatives Evaluation.** Evaluate two alternatives (on-channel and side channel) to determine the preferred alternative to finalize alignments and profiles for design and permitting tasks.
- 1.2 **Survey. – Completed prior**
- 1.3 **Hydraulic/Hydrologic Design.** Perform final modeling of the preferred alternative for the 24-hour, 100-year and 10-year precipitation events. Events greater than the 100-year will not be evaluated. XP-SWMM, HEC-RAS, and HEC-HMS models developed during previous phases of work will be used in the development of the final models. Additional stream flow measurements taken during Task 2.2 will be utilized to develop rating curves and headwater-tailwater relationships. No breach analysis or emergency spillway design is included with this task.
- 1.4 **Hydraulic Structure Design.** Perform final structure design, including sizing/selection of hydraulic structures required for the preferred alternative and determined by the final hydrologic and hydraulic models. Anticipated downstream structure replacement recommendations may include up to 6 field/road crossings and associated culverts. Final design of downstream structure replacements is not included in Task Order #3.
- 1.5 **Soil Borings.** Completed prior
- 1.6 **Pine Lake Outlet Design.** Perform outlet design for the preferred alternative. The design will include incorporating operational gates and stop log bays along with a rock slope fishway. Evaluation will also consider shear stress and stream bed materials for sizing of riprap gradations as part of the rock slope fishway.
- 1.7 **Fish Passage Design.** Perform final design for a rock slope fishway. MnDNR will provide design guidance that will inform HDR's design.
- 1.8 **Utilities Design.** Not done yet
- 1.9 **Erosion Control Design.** Not done yet

## Detailed Plans & Specifications

This task involves the drafting of complete plans and specifications for construction of the Project. The plans will include components of the preferred Alternative in detail.

### 2

- 2.1 **Site Plan.** A site plan will be produced within the limits of proposed construction. They will include existing and proposed main features, construction limits, alignment stationing, structures, benchmarks and GPS control points, section lines and numbers, utilities, and aerial imagery.
- 2.2 **Quantities & Construction Notes.** Estimated quantities will be tabulated for the preferred alternative and will be documented in the Engineer's Opinion of Probable Cost.
- 2.3 **SWPPP.** Not done yet.
- 2.4 **Typical Sections & Details.** Up to 10 typical sections will be provided including one for each alignment and unique design aspect.
- 2.5 **Structure Details.** Details from final designs are to be shown for proposed structures in the Project. Up to 10 individual typical details will be provided.
- 2.6 **Plan & Profile Sheets.** Profiles will be provided for each Project alignment and will include existing and proposed grades, structures, notes, and utility information.
- 2.7 **Cross-Section Sheets.** Cross-sections will be provided for each Project alignment at 100 foot intervals.
- 2.8 **Specifications & Contract Documents.** Current MnDOT construction specifications and standards will be referenced and amended for the purposes of the Project. Based on the preferred alternative, items for construction will be noted and defined for pay quantities. Labor information, Equal Employment Opportunity provisions, and wage statements will also be included.



November 30, 2020

Red Lake Watershed District  
c/o Mr. Myron Jesme, Administrator  
1000 Pennington Avenue South  
Thief River Falls, MN 56701

**SENT VIA U.S. MAIL & EMAIL TO:**  
**MYRON.JESME@REDLAKEWATERSHED.ORG**

**Re: 2021 Legal Services Agreement**  
**Our File No. 13333-0001**

Dear Myron:

Thank you for placing your confidence in Rinke Noonan to provide legal counsel to Red Lake Watershed District (“Drainage Authority”) in its capacity as the public drainage authority under Minnesota Statutes, chapter 103E. We are writing to provide the terms of our proposed public drainage authority representation commencing January 1, 2021.

Should the Drainage Authority renew its agreement with Rinke Noonan, our representation will be limited to the matters described herein. To the extent the Drainage Authority desires to engage our firm to represent it regarding other matters, the Drainage Authority will be required to sign a separate engagement agreement describing the scope of that representation prior to our initiation of services.

**Identification of Parties:** This Legal Services Agreement (“Agreement”) is made between Rinke Noonan, Ltd. (hereinafter “Rinke Noonan”, “We/we”, “Our/our,” or “Us/us”) and Red Lake Watershed District (hereinafter referred to also as “Drainage Authority”).

**Scope of Representation:** We have been engaged to represent the Drainage Authority for the purpose of advising it on matters related to its duties, authorities, and responsibilities as the public drainage authority for Red Lake Watershed District pursuant to Minnesota Statutes, chapter 103E.

Suite 300 US Bank Plaza  
1015 W. St. Germain St.  
P.O. Box 1497  
St. Cloud, MN 56302  
320.251.6700

[www.rinkenoonan.com](http://www.rinkenoonan.com)

**Legal Fees and Billing Statements:** Depending on the billing option you choose below, we will either submit a billing statement to you every thirty days or as work on a matter is completed. Expenses will be separately stated on the billing statement and our fees will be charged as indicated below. Our billing statements are due and payable upon presentation, and are overdue if not paid by the due date set forth on the statement.

Unless notified otherwise, all billing statements will be addressed as follows:

Red Lake Watershed District  
c/o Mr. Myron Jesme, Administrator  
1000 Pennington Avenue South  
Thief River Falls, MN 56701

The Drainage Authority is responsible for payment of all legal fees, expenses, and disbursements. Please see the “Expenses” provision and “Late Payment and Failure to Pay” provisions of this Agreement for further information.

The Drainage Authority may choose between the two following billing options:

- 1. PROPOSAL OPTION ONE – MONTHLY RETAINER + HOURLY SERVICES:**  
We can offer a monthly retainer arrangement of \$200 per month, which covers simple inquiries and verbal and written opinions general in nature for the Drainage Authority Board and its staff. This allows the cost of such advice to be defrayed over the course of the month. Due to the nature and brevity of these inquiries and responses, billing statement entries for the retainer file will not be as detailed as statements for hourly service files regarding specific matters and proceedings. Work performed outside the scope of the flat monthly retainer fee will be billed within individual matter files according to the discounted hourly rates for government clients described below.
- 2. PROPOSAL OPTION TWO – HOURLY SERVICES ONLY:** All work performed for the Drainage Authority as described in the Scope of Representation above will be billed according to the discounted hourly rates for government clients described below. Under this proposal, we may also open a general inquiries file for simple inquiries and verbal and written opinions general in nature for the Drainage Authority Board and its staff which are not related directly to a specific matter or proceeding.

**Hourly Rate:** In order to meet the unique needs of our public-sector, government clients, Rinke Noonan provides a reasonable discount in billing rates when compared to representation of our private clients. Our normal hourly rates for attorneys range from \$205 to \$395 per hour for private clients. Currently, our rates for our governmental clients for 2021 are as follows:

Senior Attorneys (7+ Years Experience):	\$325/hour
Associate Attorneys (4-7 Years Experience):	\$250/hour
Associate Attorneys (0-3 Years Experience):	\$200/hour

Paralegals & Legal Technicians:	\$95-\$185/hour
Clerical Staff:	No Charge

Our representation of the Drainage Authority will be ongoing unless terminated as described herein. From time to time, it is necessary to adjust our hourly rates to compensate for increased experience factors or for inflationary cost increases in our economy. We will, of course, notify the Drainage Authority of such adjustments which are reviewed on a yearly basis.

I will serve as the primary attorney for the Drainage Authority on its public drainage matters described herein. In conjunction, the Drainage Authority may from time to time frequently work with the following public drainage authority attorneys:

<b>Kale Van Bruggen, Senior Attorney</b> 320-656-3522; kvanbruggen@rinkenoonan.com	<b>John Kolb, Senior Attorney</b> 320-656-3503; jkolb@rinkenoonan.com
<b>Zachary Burmeister, Associate Attorney (4-7 yrs.)</b> 320-656-3516; zburmeister@rinkenoonan.com	<b>Gerald Von Korff, Senior Attorney</b> 320-656-3508; jvonkorff@rinkenoonan.com

In the event of an emergency, the Drainage Authority and its staff should not hesitate to contact me or any of the individuals listed above. In addition, the Drainage Authority may contact paralegals Julie Fincher or Kathleen Bundy at 320-251-6700.

Other individuals may assist with Drainage Authority matters from time to time, or even assume a specific matter as the lead attorney. The use of associate attorneys, paralegals, legal technicians, law clerks, and other staff results in a direct savings to the Drainage Authority since they may more economically perform tasks which do not require the attention of a senior or lead attorney. If you have any questions or concerns regarding delegation of responsibilities and work between attorneys, please contact me to discuss these issues.

Except for the flat monthly retainer billing statements described in Proposal One above, it is our policy to describe services performed in a detailed manner so that the Drainage Authority and its staff may be able to understand fully our services and charges. If there are any questions relating to the services or the charges, we will be pleased to discuss them with the Drainage Authority or its staff at the earliest possible time after receipt of the billing statement, since the matters will be freshest in our memory at that time. Accordingly, the Drainage Authority agrees to notify us in writing or by email within 30 days of receiving our billing statement if it disputes any entry for legal services or charges on any billing statement. In the absence of any written or emailed objections thereto within 30 days of the Drainage Authority's receipt of a billing statement, the Drainage Authority will be deemed to have accepted and acknowledged the billing statement as correct through the period covered by the billing statement.

**Expenses:** In the course of rendering legal services to the Drainage Authority, it may be necessary for us to incur expenses and administrative fees for items such as filing and recording fees, deposition transcripts, computerized legal research, overnight or special delivery service, and

travel. The actual expenses incurred will vary depending on the services that we provide. We do not, however, charge for photocopying or mileage. Expense items incurred on the Drainage Authority's behalf will be itemized separately and listed on our billing statements.

**Late Payment and Failure to Pay:** If the Drainage Authority fails to pay our statements in full on or before the due date set forth on the statement, we reserve the right to assess a monthly service charge equal to 8% per annum, or at the highest rate allowed by law, whichever is lower, of all legal fees, expenses, and disbursements that are past due. This monthly service charge will be billed to the Drainage Authority at the end of each month in which a late payment occurs. (See the enclosed disclosures).

**Conflict of Interest Waiver:** Rinke Noonan has over 28 attorneys in the firm and represents numerous business and individual clients having interactions with various governmental entities. Therefore, we want to ensure that by representing the Drainage Authority, we are not conflicting the firm out of representing other clients who may be adverse to the Drainage Authority on matters factually and legally unrelated to our public drainage representation. By our office representing the Drainage Authority on Statutes, chapter 103E matters, the Drainage Authority agrees that our representation of the Drainage Authority should not prohibit our office from representing clients on other unrelated matters that may be adverse to the Drainage Authority. These matters may include, but are not limited to, requests for economic development assistance, land use applications, construction disputes, or other matters unrelated to Statutes, chapter 103E. If there is a civil or criminal matter that may be contentious or would involve litigation against the Drainage Authority, we will contact the Drainage Authority prior to undertaking the representation so that an informed decision can be made specific to that representation.

**Termination:** The Drainage Authority may terminate this representation at any time with or without cause by notifying us in writing of the Drainage Authority's desire to do so. Upon receipt of the notice to terminate representation, we will cease all legal work on the Drainage Authority's behalf immediately. The Drainage Authority will be responsible for paying all legal fees, expenses, and disbursements incurred on its behalf until written notice of termination is received.

If you have any questions or concerns about the terms of this Agreement, please contact us immediately. On behalf of Rinke Noonan Law Firm, we appreciate the opportunity to represent the Drainage Authority and to work with it and its staff.

Sincerely,

*/s/ Kurt A. Deter*

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Kurt A. Deter  
KAD/sjb

Enclosure

**By signing this Agreement, the Drainage Authority confirms that they have read this Agreement, understand its provisions, and agree to abide by it.**

**Red Lake Watershed District hereby approves:**

\_\_\_\_\_ **PROPOSAL OPTION ONE**

\_\_\_\_\_ **PROPOSAL OPTION TWO**

**as the Agreement for legal services between the Drainage Authority and Rinke Noonan as described in this proposal. The Drainage Authority agrees to pay Rinke Noonan on demand any sum which may become due to Rinke Noonan according to the above-described terms.**

RED LAKE WATERSHED DISTRICT BOARD OF  
MANAGERS

Dated: \_\_\_\_\_, 20\_\_\_\_. By \_\_\_\_\_  
Chairperson

**This Initial Disclosure Statement is being provided to you in accordance with Regulation Z - Truth in Lending (12 CFR Section 226).**

You will be billed monthly for charges for services we have performed for you and expenses we have paid or incurred on your behalf. FINANCE CHARGES will begin to accrue one month after the Closing Date if the statement is not paid in full prior to such time. The Closing Date is the last day of the month and the end of our billing cycle. FINANCE CHARGES will be calculated at a periodic rate equal to .666 percent which corresponds to an ANNUAL PERCENTAGE RATE equal to eight percent (8%). If you pay all charges which appear on your monthly statement within one month of the Closing Date, no FINANCE CHARGE will be made to your account.

**EXPLANATION OF METHOD USED TO DETERMINE THE BALANCE ON WHICH THE FINANCE CHARGE MAY BE COMPUTED**

We figure the FINANCE CHARGE on your account by applying the periodic rate to the amount you owe at the end of each cycle (including charges for new services and deducting payments and credits made during the billing cycle). If you fail to pay your bill, we may also be able to place an attorney's lien upon real or personal property that you may own or acquire an interest in pursuant to Minnesota Statutes Section 481.13.

**YOUR BILLING RIGHTS - KEEP THIS NOTICE FOR FUTURE USE**

This notice contains important information about your rights and our responsibilities under the Fair Credit Billing Act.

**NOTIFY US IN CASE OF ERRORS OR QUESTIONS ABOUT YOUR BILL.**

**If you think your bill is wrong, or if you need more information about a transaction on your bill, write us on a separate sheet at the address listed on your bill. Write to us as soon as possible. We must hear from you no later than sixty (60) days after we sent you the first bill on which the error or problem appeared.** You can telephone us, but doing so will not preserve your rights.

In your letter, give us the following information:

Your name and file number.

The dollar amount of the suspected error.

Describe the error and explain, if you can, why you believe there is an error. If you need more information, describe the item you are not sure about.

If you have authorized us to pay your bill automatically from your savings or checking account, you can stop the payment on any amount you think is wrong. To stop the payment, your letter must reach us three (3) business days before the automatic payment is scheduled to occur.

**YOUR RIGHTS AND OUR RESPONSIBILITIES AFTER WE RECEIVE YOUR WRITTEN NOTICE**

We must acknowledge your letter within thirty (30) days unless we have corrected the error by then. Within ninety (90) days, we must either correct the error or explain why we believe the bill was correct.

After we receive your letter, we cannot try to collect any amount you question, or report you as delinquent. We can continue to bill you for the amount you question, including finance charges, and we can apply any unpaid amount against your credit limit. You do not have to pay any questioned amount while we are investigating, but you are still obligated to pay the parts of your bill that are not in question.

If we find that we have made a mistake on your bill, you will not have to pay any finance charges related to any questioned amount. If we did not make a mistake, you may have to pay finance charges and you will have to make up any missed payments on the questioned amount. In either case, we will send you a statement of the amount you owe and the date that it is due.

If you fail to pay the amount that we think you owe, we may report you as delinquent. However, if our explanation does not satisfy you and you write to us within ten (10) days telling us that you still refuse to pay, we must tell anyone we report you to that you have a question about your bill. And, we must tell you the name of anyone we reported you to. We must tell anyone we report you to that the matter has been settled between us when it finally is.

If we do not follow these rules, we can't collect the first \$50.00 of the questioned amount, even if your bill was correct.

# 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**  
Les Torgerson  
Allan Page  
Brian Dwight

December 10, 2020

Monte Casavan  
16448 140<sup>th</sup> Avenue SW  
Red Lake Falls, MN 56750

Re: RLWD Permit #20-189 – Red Lake Co. – Louisville Twp. Sec. 1&2

Dear Monte:

It has come to my attention that the work performed under your RLWD Permit #20-189 is un-satisfactory. Louisville Township officials have contacted our office with their concerns over the road slope and the Zutz driveway culvert. As you may recall, the road slope was initially cut vertically. Then, an attempt was made to fix the vertical portions of the road slope by filling in and re-grading the slope. The concern now is that the road slope material is too loosely compacted and is going to wash out in the spring melt. There is also an area in which the township feels that the road slope is too steep. Secondly, the Zutz driveway culvert that was replaced and lowered is too short. The current side slopes are vertical, and the driveway is falling into the ditch bottom. This is not only a safety issue but a ditch functionality issue.

As you may recall from the permit comments, I stated the following, “All excavation shall be consistent with the existing road and ditch slopes, there shall be no vertical excavation faces.”

I viewed the site and have attached pictures that clearly show the road slope and Zutz driveway concerns.

The road slope needs to be compacted, stable, and re-graded in certain areas. The Zutz driveway culvert shall be extended to achieve 3:1 (Horizontal:Vertical) side slopes. Please complete the repair work by June 1<sup>st</sup>, 2021. It must also meet the satisfaction of Louisville Township, as this is their road right-of-way. If the work is not completed by June 1<sup>st</sup>, 2021, the RLWD will hire a contractor to do the work and you will be billed for all costs incurred.

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

Sincerely,



Nick Olson  
Engineering Specialist













Permit # 20-286

Status Report: **Tabled**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
George Proulx		12655 260th Street SW Red Lake Falls, MN 56750		tel:218-253-2348 mobile: fax:

**General Information**

(1) The proposed project is a:

**Surface Drainage (New Ditch or Improvement)**

(2) Legal Description

(3) County: **Red Lake** Township: **Lake Pleasant** Range: **44** Section: **17 1/4: NW1/4 SW1/4**

(4) Describe in detail the work to be performed. **Clean ditch on the east side of 130th Avenue SW of township road.**

(5) Why is this work necessary? Explain water related issue/problem being solved. **Water backs up and erodes on Section 20 and to relieve water pressure on culverts that cross Red Lake County 14 and relieve water burden to farmers downstream.**

**Status**

Status	Notes	Date
<b>Tabled</b>		<b>Dec. 9, 2020</b>
<b>Received</b>	<b>None</b>	<b>Oct. 19, 2020</b>

**Conditions**

**I recommend that this permit be tabled to provide time for the applicant to gather the required landowner signatures. 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.



Permit # **20-301**

Status Report: **Approved**

### Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Gene Schmitz		20540 120th Avenue SW Red Lake Falls, MN 56750		tel: mobile: 218-684-1264 fax:

### General Information

(1) The proposed project is a:

**Surface Drainage (New Ditch or Improvement)**

(2) Legal Description

(3) County: **Red Lake** Township: **Red Lake Falls** Range: **44** Section: **20 1/4**:

(4) Describe in detail the work to be performed. **Clean both sides of township road ditch (120th Avenue) and clean north road ditch of County Road 108 (200th Street).**

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

### Status

Status	Notes	Date
<b>Approved</b>		<b>Dec. 9, 2020</b>
Received		Nov. 3, 2020

### Conditions

**Red Lake Watershed District (RLWD) approval to clean road ditch bottoms, as per approval of Red Lake Falls Township & Red Lake County Highway Department; proposed work is within township and county road right-of-way. All excavation shall be consistent with the existing road and ditch slopes, there shall be no vertical excavation faces. Existing drainage/flow patterns shall not be changed or diverted. Applicant shall ensure that all disturbed areas are seeded. 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.



Permit # 20-304

Status Report: **Approved**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
David N. Bertils		11806 360th Street SW Fertile, MN 56540		tel:218-574-2576 mobile: fax:

**General Information**

(1) The proposed project is a:

**Surface Drainage (New Ditch or Improvement)**

(2) Legal Description

(3) County: **Polk** Township: **Godfrey** Range: **44** Section: **17 1/4: SW1/4**

(4) Describe in detail the work to be performed. **Clean road ditch and replace centerline culvert.**

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

**Status**

Status	Notes	Date
Approved		Nov. 23, 2020
Received		Nov. 9, 2020

**Conditions**

**Red Lake Watershed District (RLWD) approval to clean the north road ditch, as per approval of Godfrey Township; proposed work is within township road right-of-way. The 15" diameter centerline culvert sta. 14+65 may be replaced with an 18" diameter culvert or a 24" diameter culvert if the township chooses. A survey of the ditch bottom profile has been completed by the RLWD and a copy of the profile will be sent to the applicant. All excavation shall be consistent with the existing road and ditch slopes, there shall be no vertical excavation faces. Existing flows shall not be changed or diverted. 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. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) N.J.O./L.S.**

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 # 20-308

Status Report: **Approved**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Curtis Funk		20667 190th Street SW Crookston, MN 56716		tel: mobile: 218-289-5701 fax:

**General Information**

(1) The proposed project is a:

**Culvert Installation / Removal / Modification**

(2) Legal Description

(3) County: **Red Lake** Township: **Wylie** Range: **45** Section: **25 1/4**: **SW1/4**

(4) Describe in detail the work to be performed. **Install culvert so water stays in the road ditch instead of running across the field.**

(5) Why is this work necessary? Explain water related issue/problem being solved. **Field stays wet longer than it should with all the water running across it. Also, can erode when water gets high from big rain events. Water will end up in the same location and not effect anybody.**

**Status**

Status	Notes	Date
Approved		Dec. 2, 2020
Received		Nov. 16, 2020

**Conditions**

**Red Lake Watershed District (RLWD) approval to re-route drainage via cutting through a ridge along the north side of the SW ¼ of Section 25 Wylie Township. The ridge cutting will re-route approximately 30 acres. The culvert to be installed through the ridge shall be at least an 18" diameter culvert, the applicant may install up to a 24" diameter culvert. Applicant shall seek approval and meet the conditions of Wylie Township; proposed work is within township road right-of-way. A survey of the ditch bottom profile has been completed by the RLWD and a copy of the profile will be sent to the applicant. All excavation shall be consistent with the existing road and ditch slopes, there shall be no vertical excavation faces. 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. Applicant shall contact all appropriate governing bodies concerning wetlands and natural resources. 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.



Permit # 20-310

Status Report: **Approved**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Alex Hinrichs		15220 110th Avenue SE Red Lake Falls, MN 56750		tel: mobile: 218-686-0030 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: **36 1/4: SW1/4**

(4) Describe in detail the work to be performed. **Lower culvert under road. Replace 30" crossing culvert. Replace 24" under county road culvert, clean existing ditch.**

(5) Why is this work necessary? Explain water related issue/problem being solved. **Washed out township road culvert.**

**Status**

Status	Notes	Date
Approved		Dec. 2, 2020
Received		Nov. 23, 2020

**Conditions**

**Applicant must be aware that this is an after-the-fact permit, as work was completed prior to the Red Lake Watershed District (RLWD) receiving a permit. RLWD approves the east county road ditch cleaning, replacement of a 30" field entrance culvert, and replacement of a 24" diameter centerline culvert. Applicant shall ensure that all disturbed areas are seeded and that rock riprap with filter fabric is placed at the outlet ends of the permitted culverts. 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.



Permit # 20-311

Status Report: **Approved**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Duane Stroot		711 Stuart Avenue Crookston, MN 56716		tel: mobile: 218-289-4304 fax:

**General Information**

(1) The proposed project is a:

**Culvert Installation / Removal / Modification**

(2) Legal Description

(3) County: **Polk** Township: **None** Range: **46** Section: **20 1/4: NE1/4 SE1/4**

(4) Describe in detail the work to be performed. **Install 15" culvert and crossing**

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

**Status**

Status	Notes	Date
<b>Approved</b>		<b>Dec. 2, 2020</b>
<b>Received</b>		<b>Nov. 23, 2020</b>

**Conditions**

**Red Lake Watershed District (RLWD) approval to install a 15" diameter field entrance culvert, as per approval of Polk County Highway Department; proposed work is within CSAH #19 right-of-way. 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. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) N.J.O./L.S.**

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 # 20-312

Status Report: **Approved**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Stanley Skibick		14435 350th Avenue NE Goodridge, MN 56725		tel:218-378-4336 mobile: fax:

**General Information**

(1) The proposed project is a:

**Culvert Installation / Removal / Modification**

(2) Legal Description

(3) County: **Pennington** Township: **Highlanding** Range: **40** Section: **12 1/4: SE1/4**

(4) Describe in detail the work to be performed. **Install crossing with a 18" culvert.**

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

**Status**

Status	Notes	Date
Approved		Dec. 9, 2020
Received		Dec. 3, 2020

**Conditions**

**Red Lake Watershed District (RLWD) approval to install an 18" diameter field entrance culvert, as per approval of Pennington County Highway Department; proposed work is within CSAH #26 right-of-way. 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. 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.

# Internet Proposal

December 10, 2020

## Sjobergs

Extreme Plus Plan	\$ 89.95
December Internet Service	\$ 7.00
Static IP	<u>\$ 10.00</u>
	<b>\$106.95</b>

Speed  
150 Mbps/10 Mbps

## Garden Valley

Internet Service Plan	\$58.95
Basic Managed WiFi	\$ 4.95
Static IP	<u>\$10.00</u>
	<b>\$73.90</b>

Speed  
250 Mbps/250 Mbps



## 38<sup>TH</sup> ANNUAL RED RIVER BASIN LAND & WATER INTERNATIONAL SUMMIT CONFERENCE

*Common Ground: Healthy Waters, Healthy Soils, Healthy Communities*

Virtual Event Streaming **Thursday, January 21, 2021**  
with presentations available for viewing starting in early January.

### Draft Agenda for Virtual Event:

- 9am:** Opening Remarks by RRBC Chair, Mary Scherling and  
Keynote Address by Erin Meier, Executive Director of Green Lands, Blue Waters\*, tentatively entitled, "The Imperative of Continuous Living Cover"
- 10am:** Lightning Talks Highlighting Success Stories, Projects, and Programs Around the Basin (tentative order listed below)
- Wayne Chubaty Water Retention Project – Seine Rat Roseau Watershed District, Jodi Goerzen
  - Sand Hill Lake Dam – Sand Hill River Watershed District, April Swenby
  - Cooks Creek Flood Retention Area – Northeast Red Watershed District, Colin Gluting
  - Ross #7 Impoundment – Two Rivers Watershed District, Dan Money
  - McCoy Rearing Pond/Fish Restocking -
  - BMP Implementation/General Mills No-Till Demo – Park River Watershed District, Sarah Johnston
- 11am:** Q&A Session with the presenters of the pre-recorded presentations, viewed earlier in the month, at your convenience (tentative order listed below)
- "Maintaining the Baseline: Dam Rehab in the Red River Basin"
    - Zach Herrmann, Houston Engineering
  - "Lawns to Legumes Pilot Project Update"
    - Tara Perriello and Dan Shaw, Minnesota Board of Soil and Water Resources

- Floodplain Regulations (title TBD)
  - Joe Waln, April Walker, Matt Metzger – Barr Engineering
- "Minnesota's Nutrient Reduction Strategy: Tracking Progress in the Red and Mississippi River Basins"
  - David Wall, Minnesota Pollution Control Agency
- Black River Project (title TBD)
  - Myron Jesme, Red Lake Watershed District
- Update on the FM Diversion Project
  - Joel Paulson, FM Diversion Authority
- Presentation TBD
  - Moore Engineering
- Cold Climate BMP (title TBD)
  - Jason Vanrobaeys, Agriculture and AgriFood Canada

**12:30pm:** RRBC Annual Meeting

**1-2:30pm:** IRRB Public Meeting

**1-2:30pm:** Virtual Trade Show

**Participating Organizations (as of 12/1/2020):** Moore Engineering, Houston Engineering, Barr Engineering, Manitoba Association of Watersheds, Pembina Valley Water Co-op, HDR, Red River Retention Authority, Widseth, KGS, FM Diversion Authority, AE2S

\*Erin Meier is the Director of Green Lands Blue Waters (GLBW), a collaborative initiative focused on shifting the agricultural landscape of the Upper Mississippi River Basin to more acres of marketable continuous living cover (CLC) to improve water quality, soil health, agricultural and community resilience, and the long-term stability of the Basin to the Gulf of Mexico. GLBW operates in partnership with land grant and other universities and environmental/agricultural agencies and nonprofits in Minnesota, Wisconsin, Iowa, Illinois, Missouri, and Louisiana. GLBW is housed at the Minnesota Institute for Sustainable Agriculture at the University of Minnesota. Previously, Erin served for 14 years as Executive Director of the University of Minnesota Southeast Regional Sustainable Development Partnership. She has over 20 years of experience and training in sustainable agriculture, local food systems, food access, natural resource conservation, clean energy, community engagement and development, and facilitating cross-sector work groups and networks. Erin holds an MS in Sustainable Agriculture from Iowa State University with an emphasis on external costs and behavioral economics and is a geographer at heart with a BS in Geography from the University of Illinois and past experience as a cartographer and geographic information systems analyst.  
<https://greenlandsbluewater.org/>

## **Red Lake Watershed District - Administrators Report**

**December 10, 2020**

**Red River Watershed Management Board** – LeRoy and I will be attending the RRWMB December 15, 2020 via Microsoft Teams. I have not seen the meeting packet as of today but can tell you the Step 1 Submittal for Pine Lake will be part of the packet.

**Red River Basin FDRWG** – LeRoy, on behalf of the Red River Watershed Management Board, and I attended the meeting which was held from 10:00 to 12:00 yesterday. Some highlights included flood hazard mitigation funding for 75/25 cost share, Addendum to the Mediation Agreement, TSAC and Monitoring Committee and Project Review for Pine Lake Project. I also added, hot off the press, RRBFDPR summary sheet along with potential allocation for 2020 flood hazard mitigation bonding funding of \$17 million.

**Board of Water and Soil Resource Annual Meeting** – The BWSR Board is holding their annual meeting at 9:00 am December 17, 2020. Part of the agenda is the approval of 2021 CWF Competitive Grants Award which includes \$250,000 for the TRF Oxbow Project. Of the 61 applications submitted by local governments, the TRF Oxbow was rated 13<sup>th</sup> and is tentatively in line for funding. You never know but it looks real good that we will get the funding we requested.

**MAWD Annual Conference** – Corey, Christina, Gene (not sure of any other Board member) and I attended the two-day conference. Overall, I think the conference went as well as could be expected given it was a remote conference. You will always lack in success in holding remote conferences versus live but I think the staff and presenters did a really nice job given the circumstances.

**Thief River 1W1P** – A meeting has been set up for 2:00 December 15<sup>th</sup> with USFWS employees to discuss the restoration of the old channel within the refuge that was cutoff since JD 11 main was constructed. In restoring this channel, it is assumed we could see significant reduction of sediment that presently enters Agassiz National Wildlife Refuge and ultimately is deposited into SD 83/Thief River.

**Clearwater River 1W1P** – The first meeting of the Planning Workgroup/Steering Committee for Clearwater River 1w1p will meet at 1:00 pm this afternoon to go over basic details as we move forward into the development of this watershed plan.

**MAWD Legislative Committee** – I attended the MAWD legislative committee meeting held from 10:00 to 12:00pm December 8<sup>th</sup>. We discussed various items of concern throughout Minnesota as well as review of resolutions that were discussed at the recent MAWD conference. I have included in your packet the 2020 MAWD Legislative Platform for your review.

**Red Lake Dam Operation** – Over the past two months, the District has been in touch with the USACOE as they released waters from the Upper and Lower Red Lakes. As I mentioned last Board meeting, there has been some flooding concerns along the Red Lake River from Krakta Bridge area all the way to Thief River Falls. The Corps did reduce flows from 1200 cfs to 1000 cfs in hopes that alleviates flood concerns as we go into winter. It appears those reduction efforts have reduced concerns even though the Red Lake River is still seeing higher flows than normal rate

**FEMA DFIRM** – I attended a Zoom open house meeting from 4:00 to 6:30 pm December 2<sup>nd</sup> with Pennington County Flood Plain Coordinator, Peter Nelson, various MnDNR staff as well as FEMA staff to hear public comments prior to finalizing the maps that have been developed for area along the Red Lake River within Pennington County and Thief River Falls. I feel the meeting was well organized and even though there was not a lot of public participation, those who did attend were able to get their issues reviewed.

**Water Quality Report** – We have included in your packet, Corey's Water Quality Report dated August 2020.

## AGENDA

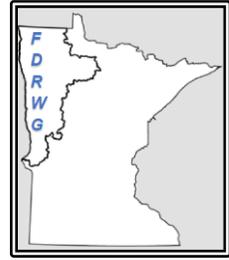
### RED RIVER BASIN FLOOD DAMAGE REDUCTION WORK GROUP

**December 9, 2020**

**9:30 a.m. – 12:30 p.m.**

Virtual Meeting by Webex

(see link on next page or in calendar appointment)



9:30	Roll call of members, alternates, and audience (A. Graham)
9:40	Addendum to Mediation Agreement (T. Ebbenga) <ul style="list-style-type: none"><li>• Technical edits since prior version</li><li>• Status report on State agencies' approval processes</li><li>• Process/timing to sign: a) Addendum and b) State/RRWMB Re-commitment</li></ul>
9:55	NRE Funding Procedure (D. Money) <ul style="list-style-type: none"><li>• Draft guidance prepared by NRE Subgroup - consider for approval</li><li>• Decision: structure reimbursements to incentivize cost savings?</li><li>• Nominations to Natural Resource Evaluation Panel<ul style="list-style-type: none"><li>○ Discuss nominations received</li><li>○ Schedule for finalizing and activating the evaluation panel</li><li>○ Training needs for the evaluation panel, project teams, others?</li></ul></li></ul>
10:25	Follow-up from FDRWG meeting with TSAC and Monitoring Committee (A. Graham) <ul style="list-style-type: none"><li>• Take action on recommendations from wetlands panel</li><li>• Take action on recommendations from Monitoring Committee</li><li>• Review proposal for Resource Library</li><li>• Review proposal for workshop on optimizing NRE outcomes for impoundments</li></ul>
11:15	<i>Break</i>
11:30	Project Review: Pine Lake (Red Lake Watershed District)
11:55	Annual Conference – Decide whether to hold conference in 2021 (also consider tour or other actions late in year)
12:00	Plan for taking actions from Mediation Agreement Addendum (initial discussion)
12:20	New forms/tracking tools <ul style="list-style-type: none"><li>• Project review checklist; Project Teams tracking; FDRWG funding decisions/recommendations; FDRWG Fact Sheet</li></ul>
12:30	Adjourn
	<i>Additional reports can be provided in written format:</i> <ul style="list-style-type: none"><li>- <i>Watershed Districts report on Project Team activities</i></li><li>- <i>Agencies/Other Organizations as needed</i></li></ul>

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Meeting number (access code): 146 579 9936

Meeting password: FDRWG

Wednesday, December 9, 2020

9:00 am | (UTC-05:00) Central Time (US & Canada) | 4 hrs

[Join meeting](#)

**Tap to join from a mobile device (attendees only)**

[+1-415-655-0003,1465799936##](tel:+1-415-655-0003,1465799936##) United States Toll

**Join by phone**

+1-415-655-0003 United States Toll

[Global call-in numbers](#)

**Join from a video system or application**

Dial [1465799936@minnesota.webex.com](https://1465799936@minnesota.webex.com)

You can also dial 173.243.2.68 and enter your meeting number.

Need help? Go to <http://help.webex.com>

District & Project	Total Expected Cost	FHM Bond Funding Provided to Date	RRWMB Approved Funding Step	RRWMB Funding Commit -ment	Desired Construction Start (Year)	Expected Construction Duration (months)	Planning/Design/ Env. Review/Land/Permitting Status	Comments
<b>WATERSHED DISTRICTS IN RRWMB</b>								
<b>Bois de Sioux Watershed District (as of 11/30/20)</b>								
Redpath	\$34.6M*	\$4.7 M	2	\$5.7 M	2021	48	Engineer's Report 99%/Design 95%/Land Acquisition 99%/Environmental & Permitting 95% (WACA Complete/EAW Complete)	Anticipate shovel-ready status by summer of 2021. *Project estimate under revision, update in Jan. 2021.
Big Lake	\$600K	TBD	TBD	TBD	2021	4	Engineer's Report 99%/Design 90%/Land Acquisition 0%. Draft EAW scheduled for release February 2021.	STar Value system limits potential RRWMB funding. RRWMB funding request yet to be determined.
Moonshine Impoundment	\$2.0 M	TBD	TBD	TBD	2023	6	In planning stage	Project would seek State and RRWMB grants.
Five-Mile Creek Rehabilitation	TBD	N/A	N/A	TBD	TBD	TBD	In planning stage	<b>Not FDR.</b> Project would seek BWSR and RRWMB water quality grants
Rabbit River Rehabilitation	TBD	N/A	N/A	TBD	TBD	TBD	In planning stage	<b>Not FDR.</b> Project would seek BWSR and RRWMB water quality grants
Doran Creek Rehabilitation	\$7.0M	N/A	N/A	TBD	TBD	TBD	In planning stage	<b>Not FDR.</b> Project would seek BWSR and RRWMB water quality grants
<b>Wild Rice Watershed District (as of 12/1/20)</b>								
Goose Prairie WMA Enhancement	\$1.9M	\$0 (Request \$500K)	Step 2 (5/2019)	\$0.400 M	2021	24	Planning, Design and Permitting are nearly 95% complete.	Improves wildlife habitat in Goose Prairie Marsh (WMA); reduces risk of downstream flooding. Joint project of WRWD and MDNR.

District & Project	Total Expected Cost	FHM Bond Funding Provided to Date	RRWMB Approved Funding Step	RRWMB Funding Commit -ment	Desired Construction Start (Year)	Expected Construction Duration (months)	Planning/Design/ Env. Review/Land/Permitting Status	Comments
City of Perley Levee, Phase 2	\$5.970M (Phases 1 and 2)	\$2.4M rec'd for Ph. 1 (Request \$625K Ph. 2)	N/A – None Requested Yet	N/A – None Requested Yet	2021+	18	Ph. 2 Planning is complete. Design to begin once State funding approved.	Ph.1 was levee construction. Ph. 2 is road raises to eliminate emergency road closures. MnDOT and Norman Co. also contributing.
Grn. Meadow	TBD	\$0	None	None	TBD	TBD	Planning Underway	
Moccasin Cr.	TBD	\$0	None	None	TBD	TBD	Planning Underway	
S. Br. Wild Rice	TBD	\$0	None	None	TBD	TBD	Planning Underway	
Lwr .Wild Rice Corr.	TBD	\$0	None	None	TBD	TBD	Planning Underway	
<b>Red Lake River Watershed District (as of 11/25/20)</b>								
Black River Impoundment	\$8.4 M	None	3	\$5.9 M*	2020	18 months	Began construction fall 2020.	*\$5.9M approved by RRWMB. Highly unlikely any NRCS funds can be utilized.
Pine Lake	\$1.0 M (Prelim. estimate)	None	Not yet submitted	N/A	2021	12	Advancing new design in 2020 with intent to begin construction during 2021 field season.	Replace existing outlet works, with fish passage and fall drawdown. May add culvert replacements downstream in a later phase.
<b>Middle-Snake-Tamarac Rivers Watershed District (as of 11/19/20)</b>								
City of Newfolden	\$7.7 M	none	2 (6/2020)	\$1.4M* *Reduce if District receives higher State funding,	2021	18	Prelim. engineering complete. Land discussions in progress. Final design, plans, and specs beginning winter 2020. EAW if needed will be completed during a future phase.	Will remove the City from 100-yr. flood-plain while reducing contribution to peak flows and volume in the Red River.

District & Project	Total Expected Cost	FHM Bond Funding Provided to Date	RRWMB Approved Funding Step	RRWMB Funding Commit -ment	Desired Construction Start (Year)	Expected Construction Duration (months)	Planning/Design/ Env. Review/Land/Permitting Status	Comments
JD 14	TBD	none	none	none	TBD	9	Concurrence Point #3 submitted to USACE. Landowner meeting Nov/Dec. on preferred alternative.	
JD19/Nelson Slough	TBD	none	none	none	2022	18	Preliminary Engineer’s Report Anticipated for Completion Dec./Jan. 2021 for Nelson Slough Improvement.	Nelson Slough is in the East Park Wildlife Mg’t Area.
Swift Coulee	TBD	none	TBD	none	TBD	TBD	Discussions with landowners have not resulted in a project with landowner willingness.	Project may be shelved.
<b>Two Rivers Watershed District (as of 11/24/20)</b>								
Clondike								
Prior Work	\$6.6M	None	2	\$5 M			Preliminary eng.: 100%	See fact sheet for more information. LSOHC approved \$1.6M
Phase 1	\$13M	None	2	\$2.2M	2022	24	Final eng. 90%	
Phase 2	\$7M	None	TBD	TBD	2023	24	ROW/land acq.: 60%	
Phase 2A	\$5M	None	TBD	TBD	2024	12	Operating plan: 2020-2021	
Post Constr.	TBD	None	TBD	TBD	N/A	NA	Permitting/env. rev: 2020-21	
<b>Roseau River Watershed District (as of 11/24/20)</b>								
Roseau Lake	\$15M	\$1.2 M	2	\$3.0 M	2021	Phased. First phase possibly 12 mos.	Much of land is public. Will complete survey; then proceed with acquisitions. Conc. Point 3 approved. EAW ready to publish. Design 90% complete. Plans/specs. in preparation.	Phased construction, starting on public lands. Some landowners oppose, but project can begin while continuing to negotiate. Project has also received \$3+M LSOHC funding

District & Project	Total Expected Cost	FHM Bond Funding Provided to Date	RRWMB Approved Funding Step	RRWMB Funding Commit -ment	Desired Construction Start (Year)	Expected Construction Duration (months)	Planning/Design/ Env. Review/Land/Permitting Status	Comments
Whitney Lake	Site C \$2M Site A \$6M  (Drainage funding local/private).	None	Site C: 2 (fall 2019)  Site A: 2 (6/2020)	\$2.3 M (full project)	2021 (Site C)  2022 (Site A)	12 mos.  12 mos.	Site C has one landowner, moving toward purchase. Concurrence Point 3 approved. Desk & field reviews of COE wetland concerns completed. Full delineation pending. EAW prob. not needed. Site C design 60%.	Project includes Site A, Site C, and drainage improvements. Finalizing RCPP plan for submittal.
<b>Joe River Watershed District</b>								
None								
<b>WATERSHED DISTRICTS SEPARATE FROM THE RRWMB</b>								
<b>Buffalo-Red River Watershed District (as of 12/1/20)</b>								
Upper S. Brnch Buffalo River: Phase 1A	\$1.5M -----	None -----	N/A -----	N/A -----	2021 -----	6 -----	Permitting complete, land acquisition in progress.	1 parcel left for acquiring land rights, expected to close March 2021. <b>Not seeking FHM funds for Phase 1A</b>
Phase 2	\$13M	None	N/A	N/A	2022-23	6	Prelim. design complete.	
Stony Creek	\$18M	None	N/A	N/A	2021/2022	24	Land acquisition started (options being obtained). Prelim. design complete. EAW process completed 2020.	Requested \$6.7 Million from FHM in 2020. Still in need of funding.

District & Project	Total Expected Cost	FHM Bond Funding Provided to Date	RRWMB Approved Funding Step	RRWMB Funding Commit -ment	Desired Construction Start (Year)	Expected Construction Duration (months)	Planning/Design/ Env. Review/Land/Permitting Status	Comments
Lower Otter Tail	\$35 – 40M	None	N/A	N/A	2023-2026	36	Working through Corps 1135 program, Corps expecting to complete feas. study Spring 2021. Prelim. design complete	<b>Not seeking FHM funds.</b> \$2 Million Outdoor Heritage Fund grant for land acquisition expected to be available after 7/1/2021.
Barnesville Township	\$15M	None	N/A	N/A	2026	24	Concept Design Plan and cost estimate developed	
<b>Sand Hill River Watershed District (as of 12/1/20)</b>								
Upper Sand Hill	\$5-10M	None	N/A	N/A	2023	9	In planning stage. The purpose and need has been developed and reviewed with the Project Team. The planning effort will identify required permits, land rights, and feasibility review.	Project objective is to provide flood protection to agricultural land, increased resiliency to community flood protection, and reduce public infrastructure damages.
City of Nielsville Levee Improvements	\$5.808M	\$0.164M received  (Request \$5.618M to complete project)	N/A	N/A	2022	6	Funding was previously provided by the DNR FHM. This enabled prelim. planning, design, & Engineer’s Rpt.	Includes a levee around three sides of the City, raising US Highway 75, and related improvements. Will provide 100-year flood protection.



Potential Allocation for 2020 Flood Hazard Mitigation GO Bond Funding - \$17M 12-7-20

Project/phase	Description	total estimated project cost	total local share	remaining total state need	\$17,000,000	NOTES
<b>COMMUNITY PROJECTS</b>						
City of Afton Community Flood Protection (levee)	final phase- closeout construction and right-of-way	\$6,000,000	\$2,090,460	\$750,000	\$750,000	Construction nearly complete, resolving condemnation for real estate, estimated \$750,000 remaining cost
City of Browns Valley (line item appropriation)	Toelle Coulee - Phase 2	\$2,000,000	\$132,000	\$2,000,000	\$2,000,000	Line item appropriation, not on DNR priority list for 2020 funding
City of Breckenridge Community Flood Protection	additional phase of interior drainage improvements	\$3,700,000	\$1,219,638	\$3,000,000	\$1,500,000	internal drainage improvements to complement federal flood risk reduction project - high priority
City of Carver Levee Improvements	engineering for levee replacement of emergency levee	\$10,000,000	\$2,600,000	\$7,400,000	\$150,000	new start, funds engineering and R-O-W, existing emergency levee not providing certified flood protection
City of Faribault WWTP Flood Protection	flood protection of water treatment facility	\$5,000,000	\$2,500,000	\$2,500,000	\$2,500,000	new start, high priority for WQ and infrastructure damage risk reduction, historically implemented emergency project
Cities of Golden Valley/Crystal/New Hope SEA School flood storage	flood storage design and construction	\$2,700,000	\$1,400,000	\$1,300,000	\$1,300,000	new start - addresses chronic urban flooding
City of Jordan community Flood Protection (levee & storage)	levee construction, flood storage	\$6,000,000	\$2,440,000	\$3,560,000	\$500,000	new start, funding for engineering, completed preliminary study with a GF FHM grant, high risk community
City of Montevideo (federal COE project) levees/pump stations	final phase of federal project - rebuild 1969 levee	\$15,900,000	\$1,705,749	\$2,500,000	\$2,500,000	long standing federal project - finishes final phase, COE ready to advertise bids, completes entire project
City of Moorhead community levee and acquisitions	in-town buyouts and levees	\$42,000,000	\$12,416,444	\$30,000,000	\$2,800,000	estimated to complete acquisition and removal of 8 homes in the floodplain of the Red River mainstem
<b>IMPOUNDMENTS and OTHER WATERSHED DISTRICT PROJECTS</b>						
Phase 2 small flood Impdmts. (Cedar River WD)	design & construction of flood impoundments	\$5,000,000	\$2,500,000	\$2,500,000	\$500,000	storage upstream of Austin, continuation of previous efforts to impound, WQ benefits
Roseau Lake Bottom Restoration (RRWD)	land, permitting & engineering for flood storage	\$20,000,000	\$5,000,000	\$14,800,000	\$1,000,000	existing project, funds additional engineering, permitting, real estate, bidding - gets it shovel ready
other Red River member watershed district projects	design & construction of flood storage facilities	tbd	tbd	tbd	\$1,500,000	work with Red River Watershed management Board to identify high priority projects for funding
<b>TOTAL</b>		<b>\$129,300,000</b>	<b>\$39,504,291</b>	<b>\$75,810,000</b>	<b>\$17,000,000</b>	
green cell indicates state funding would complete the project or phase at current estimated cost						
grey cell indicates local match met in previous phase of work, 100% state for remainder of phases						
red cell indicates funding for projects in the Red River Basin = \$6.8M (45% of \$15M program funding)						
all costs based upon current estimates for the identified project or phase and are subject to change as projects advance, bids are received						
DNR Ecological & Water Resources contact: Patrick Lynch 651-259-5691 pat.lynych@state.mn.us						

# Adopted 2020 MAWD Legislative Platform UPDATED with 2020 Additions

<b>NEW RESOLUTIONS from 2020 ANNUAL MEETING</b>	
2020-01	Appealing Public Water Designations
2020-02	Limiting Negative Impacts from Wake Boats
2020-03	Soil Health Goal for Metropolitan Watershed Management Plans
2020-04	Temporary Water Storage on DNR Wetlands during Major Flood Events
<b>PRIORITY A: TOP PRIORITIES FOR 2020 LEGISLATIVE ACTION</b>	
2018-02	Increase or Remove the \$250k General Fund Tax Levy Limit
2017-05	<i>* Middle Fork Crow River WD General Operating Levy Adjustment</i>
2019-08	<i>* Heron Lake WD General Operating Levy Adjustment</i>
2019-09	<i>* Shell Rock River WD General Operating Levy Adjustment</i>
2019-10	<i>* Pelican River WD General Operating Levy Adjustment</i>
2019-11	<i>* Buffalo Red River WD General Operating Levy Adjustment</i>
2016-08	Bonding Bill, Flood Hazard Mitigation (FY2020 Bonding Bill)
2015-01	Encourage DNR to Permit Storing Water on DNR Land (renewed as 2020-04)
<b>PRIORITY B: RESOLUTIONS TO SUPPORT (WHEN LED BY OTHERS)</b>	
2017-04	Limited Liability for Certified Commercial Salt Applicators
2018-08	Reinforce Existing Rights to Maintain/Repair 103E Drainage Systems
2019-04	County Financing Obligations and WD General Obligation Bonds for Drainage Systems
2019-02	Default Classification for Artificial Watercourses that Serve as Public Drainage Ditches
2017-06	Stable Funding for the Flood Damage Reduction Program
2019-03	Support Watershed-based Management in MN River Basin through Increased Storage
<b>TOP Concerns when Playing Defense (Moves to PRIORITY A if legislation moves)</b>	
2019-06	Oppose Legislation that Dictates Spending on Political Boundaries
	Oppose provisions in the "Developer's Bill of Rights" that Negatively Impact Water
	Watch for Bills Aimed Against WDs
<b>Resolutions to Handle Administratively</b>	
	Increase Funding for Watershed-Based Implementation Programs
2017-07	Creation of a Stormwater Reuse Task Force
2015-07	Review Commitment to Clean Water Council Recommendations
2018-09	Clean Water Council Appointments by WD Managers or Administrators
<b>Resolutions for the Parking Lot (Action only if unique opportunity pops up)</b>	
2016-01	Making HR Expertise Available to Districts through MAWD
2016-03	Tax Treatment of Conservation Easements
2017-02	Temporary Lake Quarantine Authorization to Control the Spread of Aquatic Invasive Species
2018-03	Require Timely Appointments to the BWSR Board
2018-04	Require Watershed District Permits for the DNR
2018-06	Ensure Timely Updates to Wildlife Management Area (WMA) Plans
2019-01	Streamline DNR Permit Process
2019-05	Watershed District Membership of Wetland Technical Evaluation Panels
2019-07	Change Chinese Mystery Snail Designation and Support Research Needs
2015-02	Road Raises for Cities with Levees
2015-05	Improvements in Process with Permitting Authorities for Water Quality Improvement Projects
2015-06	Establishment of Minnesota River Basin Commission
2015-08	Protect the Integrity of Clean Water Council Appointments



# Active MAWD Resolutions

December 5, 2021

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## FINANCE ISSUES

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### **2019-06: Oppose Legislation that Forces Spending on Political Boundaries**

MAWD opposes legislation that establishes spending requirements or restricts watershed district spending by political regions or boundaries.

### **2018-02 Increase the \$250k General Fund Tax Levy Limit**

MAWD supports legislation to increase or remove the \$250,000 general fund ad valorem tax levy limit set in MN statute 103D.905 subd. 3. If the limit is raised to a new dollar amount, MAWD supports an inflationary adjustment be added to statute.

### **2019-08: Heron Lake Watershed District General Operating Levy Adjustment**

MAWD supports an increase in Heron Lake Watershed District's general operating levy cap from \$250,000 to an amount not to exceed \$500,000.

### **2019-09: Shell Rock River Watershed District General Operating Levy Adjustment**

MAWD supports an increase in Shell Rock River Watershed District's general operating levy cap from \$250,000 to an amount not to exceed \$500,000.

### **2019-10: Pelican River Watershed District General Operating Levy Adjustment**

MAWD supports an increase in Pelican River Watershed District's general operating levy cap from \$250,000 to an amount not to exceed \$500,000.

### **2019-11: Buffalo Red River Watershed District General Operating Levy Adjustment**

MAWD supports an increase in Buffalo Red River Watershed District's general operating levy cap from \$250,000 to an amount not to exceed \$500,000.

### **2017-05 Middle Fork Crow River Watershed District General Operating Levy Adjustment**

MAWD supports the efforts of Middle Fork Crow River Watershed District to draft and advance special legislation affecting a change in its general fund levy cap.

### **2017-06 Obtain Stable Funding for the Flood Damage Reduction Program**

MAWD supports stable funding (as opposed to the current even year bonding process) for the DNR's Flood Damage Reduction Program. A suggested sustainable level of funding is \$25 million per year for the next 10 years.

### **2016-03 Tax Law Treatment of Conservation Easements**

MAWD supports a legislative initiative to define "riparian buffer" for purposes of conservation easements in state tax code and to establish an administrative procedure whereby a watershed organization would certify, for purposes of section 273.117, a conservation easement or restriction as meeting the water quantity and quality purposes cited in the tax law and therefore be eligible for a reduction in estimated market value.

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## URBAN STORMWATER

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### **2017-04 Limited Liability for Certified Commercial Salt Applicators**

MAWD supports passage and enactment of state law that provides a limited liability exemption to commercial salt applicators and property owners using salt applicators who are certified through the established salt applicator certification program who follow best management practices.

### **2017-07 Creation of a Stormwater Reuse Task Force**

MAWD supports legislation requiring creation of a Stormwater Reuse Task Force with membership from Watershed Districts, Cities, Counties, State Agencies and other Stormwater Reuse implementers; and that the Stormwater Reuse Task Force should be charged with developing recommendations that further clarify and/or replace the information in the Water Reuse Report that relates to stormwater reuse best management practices.

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## PUBLIC DRAINAGE LAW

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### **2019-02: Add a Classification for Public Drainage Systems that are Artificial Watercourses**

MAWD supports removal of the default Class 2 categorization for public drainage systems that are artificial watercourses and supports a default Class 7 categorization for public drainage systems that are artificial watercourses.

### **2019-04: Clarify County Financing Obligations and/or Authorize Watershed District General Obligation Bonding for Public Drainage Projects.**

MAWD supports legislation to achieve one or both of the following:

- a) To clarify that an affected county must finance a watershed district drainage project on project establishment and request of the watershed district; and
- b) To authorize watershed districts to finance drainage project establishment and construction by issuance of bonds payable from assessments and backed by the full faith and credit of the watershed district; and further provide for adequate tax levy authority to assure the watershed district's credit capacity.

### **2018-08 Reinforce Existing Rights to Maintain/Repair 103E Drainage Systems**

MAWD supports legislation modeled after House File 2687 and Senate File 2419 of the ninetieth legislature (2017-2018) reinforcing that the DNR cannot restrict existing rights to maintain and repair 103E public drainage systems.

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## LAKES AND WETLANDS

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### **2020-01 Appealing Public Water Designations**

MAWD supports legislation that would provide landowners with a more formal process to appeal decisions made by the DNR regarding the designation of public waters including the right to fair representation in a process such as a contested case proceeding which would allow landowners an option to give oral arguments or provide expert witnesses for their case.

### **2020-02 Limiting Negative Impacts from Wake Boats**

MAWD supports:

- a) limiting wake boating to areas of lakes sufficiently distanced from shorelines to allow boat generated waves to adequately dissipate and lessen energy before coming into impact with lake shorelines;

- b) banning wake boats wakes in shallow lake areas where waves created by wake boats detrimentally impact sediment, aquatic vegetation, and aquatic habitat; and
- c) requiring new and existing wake boats to be able to completely drain and decontaminate their ballast tanks.

#### **2020-04 Temporary Water Storage on DNR Wetlands during Major Flood Events**

MAWD supports the temporary storage of water on existing DNR-controlled wetlands in the times of major flood events.

#### **2019-07 Chinese Mystery Snail Designation Change and Research Needs**

MAWD supports Chinese Mystery Snail prevention and control research and to change the Chinese Mystery Snail designated status in Minnesota as a regulated species to a prohibited species.

#### **2017-02 Temporary Lake Quarantine Authorization to Control the Spread of AIS**

MAWD supports legislation granting to watershed districts, independently or under DNR oversight, the authority, after public hearing and technical findings, to impose a public access quarantine, for a defined period of time in conjunction with determining and instituting an AIS management response to an infestation.

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## **WATERSHED MANAGEMENT AND OPERATIONS**

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#### **2020-03 Soil Health Goal for Metropolitan Watershed Management Plans**

MAWD supports amending Minnesota Rule 8410.0080 to include a goal for soil health in watershed management plans and ten-year plan amendments.

#### **2019-01 Streamline the DNR permitting process**

MAWD supports legislation, rules, and/or agency policies to streamline the DNR permitting process by increasing responsiveness, decreasing the amount of time it takes to approve permits, providing a detailed fee schedule prior to application, and conducting water level management practices that result in the DNR reacting more quickly to serious, changing climate conditions.

#### **2019-03 Support for Managing Water Flows in the Minnesota River Basin Through Increased Water Storage and Other Strategies and Practices.**

MAWD supports efforts to manage the flow of water in the Minnesota River Basin and the Minnesota River Congress in its efforts to increase water storage on the landscape; and

MAWD supports the Minnesota River Congress in its efforts to secure state and federal programs targeted specifically to increase surface water storage in the Minnesota River Watershed.

#### **2019-05 Watershed District Membership on Wetland Technical Evaluation Panels.**

MAWD supports legislation to allow technical representatives of watershed districts to be official members of wetland technical evaluation panels (TEPs).

#### **2018-04 Require Watershed District Permits for the DNR**

MAWD supports an amendment to the MN Statute § 103D.315, subd. 5, to include the MN Department of Natural Resources as a state agency required to get permits from watershed districts when applicable.

#### **2018-06 Ensure Timely Updates to Wildlife Management Area (WMA) Plans**

MAWD supports that Wildlife Management Area (WMA) operation and maintenance plans and/or management plans are either drafted or brought current in a timely fashion, with input from local governmental entities, to ensure their consideration in future One Watershed One Plan efforts.

### **2018-03 Require Timely Appointments to the BWSR Board**

MAWD supports legislation that requires the Governor to make BWSR board appointments within 90 days of a vacancy or board member term expiration.

### **2018-09 Clean Water Council Appointments**

MAWD may ask the representative of the Clean Water Council to resign when they lose their direct association to a watershed district; and that MAWD will recommend to the Governor's office that managers and/or administrators in good standing with MAWD be appointed to the Clean Water Council.

### **2016-01 Making Human Resources Expertise Available to Districts through MAWD**

MAWD supports making human resources expertise available to districts and make every effort to assure districts have access to the expertise they need to effectively manage their organizations.

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## **Resolutions to Sunset**

### **Effective December 31, 2021**

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In accordance with MAWD's Sunset Policy, the following resolutions will be archived at the end of 2021 and will no longer be considered for future legislative and administrative platforms. The Sunset Policy says that resolutions older than five years old shall be removed from the books. If your watershed feels any of these issues should continue to be actively pursued with MAWD resources, then your watershed board needs to write up a new resolution and the issue will need to be voted on and renewed by the membership at the annual meeting in December 2021.

### **2016-01 Making Human Resources Expertise Available to Districts through MAWD**

MAWD supports making human resources expertise available to districts and make every effort to assure districts have access to the expertise they need to effectively manage their organizations.

### **2016-03 Tax Law Treatment of Conservation Easements**

MAWD supports a legislative initiative to define "riparian buffer" for purposes of conservation easements in state tax code and to establish an administrative procedure whereby a watershed organization would certify, for purposes of section 273.117, a conservation easement or restriction as meeting the water quantity and quality purposes cited in the tax law and therefore be eligible for a reduction in estimated market value.



# Legislative Committee

2020 Chair: Jackie Anderson,  
Comfort Lake Forest Lake WD

Purpose	To provide focus and direction to MAWD lobbyist(s) and Executive Director on annual priority legislative efforts and to keep members informed of the Association’s efforts and progress.
Tasks	<p>The Legislative Committee will:</p> <ul style="list-style-type: none"> <li>• Prioritize resolutions and make recommendations to the Board on an annual platform.</li> <li>• Assist with the development of materials for legislators and MAWD members on the priority legislative issues, providing context and why the legislation is important.</li> <li>• Provide assistance in legislative matters as requested by the MAWD lobbyist(s) and executive director, including testifying, and production of materials and other tools to build Minnesota watershed districts’ recognition and stature with legislators.</li> </ul>
Meeting Logistics	Two in person meetings per year minimum; one meeting per quarter maximum during a “normal” non-pandemic year. Virtual meetings as needed.
Membership	In addition to the committee chair, there should be a minimum of 6 additional members, one manager and one administrator from each MAWD region.

By Corey Hanson, Red Lake Watershed District Water Quality Coordinator. 11/24/2020

**Long-Term Water Quality Monitoring Program**

A round of sampling for the District's long-term monitoring program was completed in June, 2020.

The impaired portion of the Red Lake River notably met the total suspended solids standard at:

- Fisher
- Crookston
- CSAH 11 Bridge near Gentilly
- CSAH 13 near Red Lake Falls



Severe erosion along the Red Lake River, 1 mile east of Crookston (north bank)



## RED LAKE WATERSHED DISTRICT MONTHLY WATER QUALITY REPORT

August 2020

Samples were collected from Long Lake, near Pinewood. Total phosphorus (16 µg/L) and chlorophyll-a (4.45 µg/L) concentrations were low enough to meet standards.

High concentrations of *E. coli* bacteria indicate an increased risk of gastrointestinal illness from aquatic recreation activities (swimming) that involve contact with water. High *E. coli* concentrations (>126 MPN/100ml) were found in the following waters (alphabetical order) during August 2020 sampling:

- Branch A of Judicial Ditch 21 at CSAH 48
- Burnham Creek at 320<sup>th</sup> Avenue SW
- Burnham Creek at CSAH 48
- Chief's Coulee at Dewey Avenue
- Clear Brook at CSAH 92
- Coburn Creek at CSAH 30
- Darrigan's Creek at CSAH 23
- Hill River at County Road 119
- Hill River at CSAH 35
- Kripple Creek at 180<sup>th</sup> Avenue SW
- Kripple Creek at CSAH 53
- Judicial Ditch 73 at 343<sup>rd</sup> Street SE
- Little Black River at CR 102
- Lost River at Oklee
- Lost River at CSAH 28, north of Trail
- Lower Badger Creek at CR 114
- Lower Badger Creek at 150<sup>th</sup> Avenue SE
- Mud River at CSAH 54
- Nasset Creek
- North Cormorant River at CSAH 36
- O' Briens Creek at Harvest Road NE
- Pennington County Ditch 96 at Highway 32
- Polk County Ditch 1 at County Road 61
- Polk County Ditch 2 at Polk County Road 62
- Polk County Ditch 14 near the Maple Lake outlet
- Polk County Ditch 20 at CSAH 20
- Poplar River at CR 118
- Ruffy Brook at CSAH 11
- Silver Creek at County Road 111
- Silver Creek at 159<sup>th</sup> Ave
- South Cormorant River at CSAH 37
- Terrebonne Creek at CSAH 92
- Thief River at CSAH 7
- Thief River at 380<sup>th</sup> St. NE

## RED LAKE WATERSHED DISTRICT MONTHLY WATER QUALITY REPORT

August 2020

Erosion control project completed by the Clearwater Soil and Water Conservation District near the 159<sup>th</sup> Avenue crossing of Silver Creek



High flow in the Poplar River at 310<sup>th</sup> Street SE



The state's water quality standard for **total phosphorus** varies by river nutrient region. Rivers and tributaries in the western part of the District have to meet a 0.150 mg/l standard in the South River Nutrient Region. Rivers and tributaries assigned to the Central River Nutrient region have to meet a 0.100 mg/l standard. Rivers and tributaries in the eastern part of the District have to meet a more protective standard of 0.050 mg/l in the North River Nutrient Region. High total phosphorus

## RED LAKE WATERSHED DISTRICT MONTHLY WATER QUALITY REPORT

August 2020

concentrations relative to the State of Minnesota's new regionalized river eutrophication nutrient criteria were recorded in samples collected at the following sites in August 2020:

- Blackduck River at Deer Trail Road NE
- Branch 200 of JD 11 at 190<sup>th</sup> Ave NE
- Chief's Coulee at Dewey Avenue
- Coburn Creek at CSAH 30
- Cyr Creek at 220<sup>th</sup> Street SW
- Darrigan's Creek at CSAH 23
- Grand Marais Creek at 130<sup>th</sup> Street Northwest
- Grand Marais Creek at 110<sup>th</sup> Street Northwest
- Heartsville Coulee at 13<sup>th</sup> Street Southeast
- Hill River at 335<sup>th</sup> Avenue SE
- Judicial Ditch 30 at 140<sup>th</sup> Ave NE
- Lost River at 109<sup>th</sup> Ave
- Marshall County Ditch 20 at 180<sup>th</sup> Ave NE
- Mud River at Highway 89
- North Cormorant River at CSAH 36
- O' Briens Creek at Harvest Road NE
- Polk County Ditch 2 at Polk County Road 62
- Polk County Ditch 20 at CSAH 20
- Poplar River at CR 118
- Poplar River at 310<sup>th</sup> Street SE
- Red Lake River at Greenwood Street in Thief River Falls
- Ruffy Brook at CSAH 11
- Silver Creek at County Road 111
- South Cormorant River at CSAH 37
- Terrebonne Creek at CSAH 92

Low dissolved oxygen concentrations were found at:

- Moose River at Moose River Road
- Branch 200 of JD 11 at 190<sup>th</sup> Ave NE
- Clearwater River at CSAH 2
- Clearwater River at CSAH 25, near Bagley
- Hill River at 380<sup>th</sup> Ave SE
- Judicial Ditch 30 at 140<sup>th</sup> Avenue NE
- Judicial Ditch 73 at the Maple Lake inlet
- Judicial Ditch 73 at 343<sup>rd</sup> Street SE
- Little Black River at County Road 102
- Lost River at 109<sup>th</sup> Ave
- Moose River at Moose River Road NW
- Mud River at Highway 89
- Pennington County Ditch 21 at 135<sup>th</sup> Ave NE
- Polk County Ditch 14 near the Maple Lake outlet

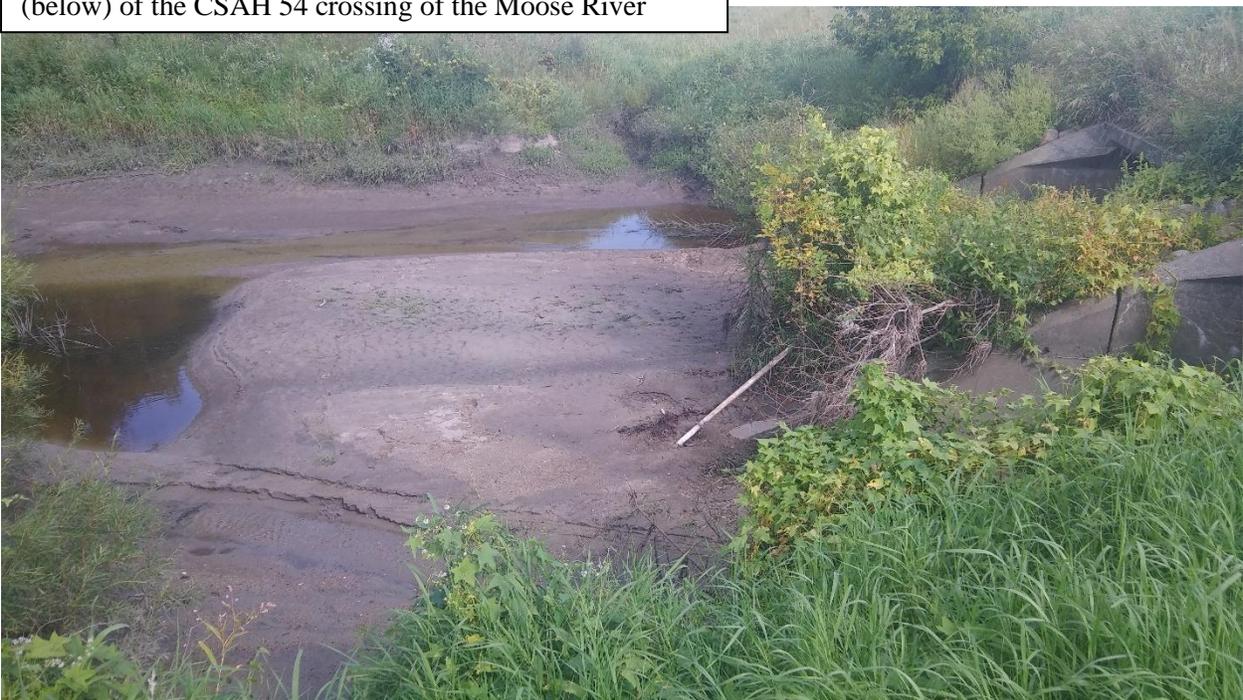
## RED LAKE WATERSHED DISTRICT MONTHLY WATER QUALITY REPORT

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- Poplar River at 310<sup>th</sup> Street SE
- Poplar River at CSAH 35
- Poplar River at CSAH 30
- Poplar River Diversion at the Badger Lake Inlet
- Walker Brook at CSAH 19



Sediment accumulation upstream (above) and downstream (below) of the CSAH 54 crossing of the Moose River



**Blue-Green Algal Blooms**

In response to a July 31, 2020 confirmation of an algal bloom in Lake Sarah, within the Sand Hill River Watershed, samples were collected from nearby lakes in the Red Lake Watershed District (Maple Lake, Cameron Lake, Oak Lake, Badger Lake, and Hill River Lake) on August 3, 2020 and tested for the presence of algal toxins. The samples collected from Maple Lake (east shore public swimming beach), Badger Lake (at the public access), and Hill River Lake (at the public access) all clearly had 0 ppb algal toxins. The Cameron Lake test result was difficult to discern between a clear 0 parts per billion (ppb) and a 1 ppb blue-green algal toxin concentration, so it was assumed to be somewhere between those two values (<1 ppb).

Maple Lake east shore public swimming beach (and some of the recently completed construction at the beach/access area



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Badger Lake public access



Cameron Lake public access



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**August 2020**

Hill River Lake public access



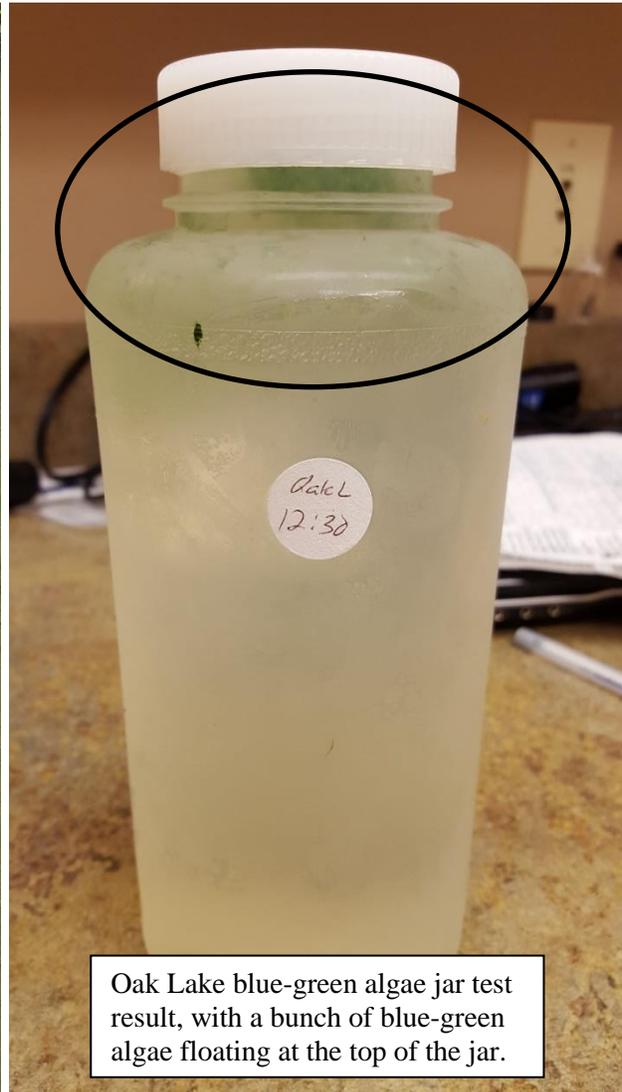
Oak Lake



Oak Lake (by Erskine) had visual evidence of a blue-green algae bloom along the shoreline and throughout the open water. The sample, collected from the open water, contained algal toxins at a concentration of at least 5 ppb. The concentration of toxins could have been higher where it had been accumulating along the shoreline (where a pet might drink). The results of the August 3, 2020 sampling effort were shared with DNR staff, county staff, SWCD staff, on the District's Facebook page, and Maple

Lake groups (Maple Lake Improvement District members and a Maple Lake, Mentor Facebook group). District staff answered questions from the public about the blooms and about the appropriate level of concern. To help answer questions and inform the public about the identification of blue-green algae blooms, District staff shared a link to an [MPCA presentation](#) with excellent information about harmful blue-green algae blooms (what they are, how can they be identified, and how can they be reported). The MPCA's description of an easy, [no-cost test for the presence of blue-green algae](#) was also shared. The following photo on the left shows the unnaturally bright green and blue coloration of blue-green algae that had accumulated along the Oak Lake shoreline. The photo on the right shows the "jar test" result for the Oak Lake sample. The floating, green stuff at the top of the jar is blue-green algae.

Oak Lake blue-green algae



Oak Lake blue-green algae jar test result, with a bunch of blue-green algae floating at the top of the jar.

Blue green algae blooms in Maple Lake were reported by a resident on the southwest end of the lake and by someone at the Polk County Park on 8/5/2020. District staff visited the lake and confirmed both of the reported blue-green algae blooms (they were quite obvious and had started to turn a blue-green color). Only one algal toxin test kit was available that day to test one of three samples that were collected from the public beach on the northeast end of the lake, the extreme bloom shown in some of

the photos in this album, and from a dock near the Polk County Park bloom. To (momentarily) answer questions about whether the open water is safe, the water sample collected at a dock at Polk County Park was selected for testing. It was near a visually verifiable bloom, but the presence of blue-green algae was less obvious near the dock (though some particles did appear to be present if someone was looking for them). It represented a “worst case scenario” for potential algal toxins in open water (open water adjacent to a visible bloom). The Abraxis algal toxin test kit showed that the concentration of toxins in the water at the dock was not measurable as of the afternoon of 8/5/2020. The test did not indicate that the open water was hazardous at the time of the sample, but communication with the public cautiously noted that there was no way to predict when/if the bloom might become more toxic or if that will affect the open water areas of the lake. Examination of other, publicly viewable shoreline along the lake on August 5, 2020 didn’t yield much additional evidence. There seemed to be more wave action near the northeast end of the lake that would have kept the blue-green algae from accumulating. Another landowner near the southwest end of the lake shared a photo of a blue-green algae bloom near their dock.

Blue-green algae bloom within the Maple Bay (southwest) portion of the lake



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Blue-green algae bloom within the Maple Bay (southwest) portion of the lake



# RED LAKE WATERSHED DISTRICT MONTHLY WATER QUALITY REPORT

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Blue-green algae bloom at the Polk County Park marina on Maple Lake



Maple Lake, 8/5/20  
Maple Bay Blue-Green Algae Bloom



Visible blue-green algae bloom,  
high risk

Maple Lake 8/5/2020  
Open Water at Polk County Park Marina



Blue-green algae present in sample  
0 parts per billion algal toxins (low risk)

Oak Lake, 8/3/20



5-10 parts per billion algal toxins,  
moderate risk

Maple Lake, 8/5/20  
East Shore Swimming Beach



Appears to have less blue-green algae  
than the Polk Co. Park, low risk

The collage of photos to the left is a comparison of jar test results and corresponding algal toxin test results, and risk levels. Though they only represent conditions in local lakes during a short period of time, they provide some insight on how to judge the level of risk based on the appearance of the water in a jar test. A jar test is performed by collecting a sample in a jar and storing the jar in a refrigerator overnight. Blue-green algae floats to the top of the jar. Sediment and green algae floats to the bottom.

The toxicity of blue-green algae can be unpredictable, though. A visible bloom can have a 0 ppb algal toxin concentration. In 2018, samples of water with no visible algae blooms (like the two photos on the right-hand side of the collage) contained low, but measurable, concentrations of algal toxins (up to 5 ppb).

The test results from Maple Lake on August 5, 2020 did not show that there was a measurable risk for open water recreation, but the presence of visible algae blooms meant that there was some risk to pets and small children in shallow and sheltered areas where blue-green algae could accumulate. The general advice/slogan for dealing with harmful algal blooms is "when in doubt, stay out." It is best that pets and small children are kept out of the shallow water, especially areas where blue-green algae can accumulate. Blue-green algae thrive on excess nutrients (we had a lot of runoff from storms earlier this summer), heat, and stagnant water. The conditions in the bays where the blooms were found likely meet that criteria.

Water from the east shore swimming beach was tested on August 14, 2020 and the test returned a result of zero algal toxins. Another sample from a Maple Lake beach was collected and tested for algal toxins on August 21, 2020. Though a jar test indicated that there was a small amount of blue-green algae present, the algal toxin concentration was 0 parts per billion (no measurable algal toxins). The blue-green algae bloom in the Polk County Park Marina has cleared-up significantly (the bluish-colored scum was gone), but there was still a significant amount of fluorescent green colored blue-green algae in the innermost, shallowest, most stagnant portion of the marina (confirmed by a jar test).



Jar test results for samples collected at the Polk County Park Marina (right) and Trinity Point Beach (left) on August 21, 2020.

Trinity Point Beach – barely any blue-green algae



Polk County Park Marina – significant blue-green algae



Some residents asked about whether Cable Lake had been tested. Only a limited amount of historical water quality data has been collected on that lake because it has no public access. District staff replied to the Cable Lake questions by asking if there are residents that would be interested in help with water quality monitoring or would be willing to allow access for sampling efforts. No residents responded to that request/offer. The person that originally reported the Lake Sarah bloom reported that the bloom had cleared-up and that a jar test showed that the blue-green algae was gone on August 7, 2020.

Available information from the EPA and WHO indicates that concentrations above 8-10 ppb create a moderate risk during recreational exposure. Measurable concentrations below that level would be classified as "low risk." It is advisable to recommend keeping animals away from the water with a measurable concentration because they could drink from an area where the blue-green algae has accumulated along the shoreline and they could also end up licking blue-green algae from their fur. Nutrients, light intensity, and temperature are the drivers behind blue-green algae blooms. There is more to learn about how to predict blue-green algae blooms in our area, since they are a relatively recently documented problem in the Red Lake Watershed District. A guess/hypothesis about what triggered the 2020 blooms would be that there was excess nutrient runoff during storms that occurred early in the summer. In late July and early August, the high temperatures (>75 Degrees Fahrenheit water temperatures), along with excess nutrients, likely created conditions in which the blue-green algae could proliferate and cause problems.

District staff shared information about the confirmed blue-green algae blooms with MPCA staff that track Harmful Algal Blooms (HAB). The MPCA staff asked us to share their water quality hotline number (651-757-2822) and MN\_MPCA\_algae inbox (algae.mPCA@state.mn.us) contact information to help other report blue-green algae blooms. The MPCA staff also provided some advice/recommendations on how to communicate the level of risk to the public so that they can make informed choices about recreation.

#### **Continuous Dissolved Oxygen Monitoring**

HOBO DO loggers were deployed at the following sites during the first half of August:

- Pennington County Ditch 21 at the 135<sup>th</sup> Ave NE.
- Marshall County Ditch 20 at 180<sup>th</sup> Ave NE
- Judicial Ditch 30 at 140<sup>th</sup> Ave NE
- Branch 200 of Judicial Ditch 11 at 190<sup>th</sup> Ave NE (downstream of Farmes Pool)
- Branch 200 of Judicial Ditch 11 at 270<sup>th</sup> St NE (upstream of Lost River Pool)

The HOBO DO loggers were then deployed at the following sites for the last half of August:

- Branch A of Judicial Ditch 21 at CSAH 48 (440<sup>th</sup> Street NE)
- Moose River at CSAH 54
- Mud River at Highway 89
- Moose River at Moose River Road NW
- Marshall County Ditch 20 at Magnum Road NW

Discrete field measurements (dissolved oxygen, temperature, pH, specific conductivity, and stage) were recorded near the midpoint of each deployment to aid the data review and correction process. The DO loggers were retrieved, cleaned, re-calibrated, and re-deployed after two weeks of deployment. Dissolved oxygen levels in Marshall County Ditch 20 and Moose River at Highway 54 met the 5 mg/L water quality standard during the August dissolved oxygen logger deployments.

Low dissolved oxygen levels were recorded in the Moose River at the Moose River Road crossing (first road crossing downstream of the Moose River Impoundment outlet) in late August.

There was only one day (August 17, 2020) in which dissolved oxygen levels in Branch A of Judicial Ditch 21 suddenly dropped from 10.25 mg/L to 1.73 mg/L. That was the only day with a low dissolved oxygen reading in Branch A of Judicial Ditch 21. There was no precipitation recorded on that day to explain the change. Debris, or a beaver dam removal could be other explanations.

At the Magnum Road crossing in the headwaters of Marshall County Ditch 20, dissolved oxygen levels fell below 5 mg/L on 1 day during 4 weeks of deployments in the raw data. There were other days in which the dissolved oxygen levels were close to falling below the 5 mg/L threshold.

In Pennington County Ditch 21, dissolved oxygen concentrations dropped below 5 mg/L almost every calendar day (during the nighttime). Concentrations were often very low, near 1 mg/L.

The dissolved oxygen logger in Branch 200 of Judicial Ditch 11 was located at the next crossing upstream of where the ditch flows into the Elm Lake WMA area. The ditch was monitored at 290<sup>th</sup> Avenue NE for an Agassiz National Wildlife Refuge water quality study in 2007 through 2009, where water is typically stagnant. At the 270<sup>th</sup> Street NE crossing, 1.5 miles east of 290<sup>th</sup> Avenue NE, water was freely flowing and expectations were higher for dissolved oxygen and aquatic life. However, dissolved oxygen concentrations at the 270<sup>th</sup> Street crossing dropped below 5 mg/L daily and the daily fluctuation in dissolved oxygen concentrations was very high.

The dissolved oxygen concentrations in Judicial Ditch 30, at 140<sup>th</sup> Avenue NE, regularly dropped below 5 mg/L with a high level of daily fluctuation.

### **River Watch and Public Education**

District staff and International Water Institute staff organized a paddling event for Red Lake Falls River Watch students in Thief River Falls. The River Watch team met at the confluence of the Thief and Red Lake River to explore a little and say goodbye to some of their River Watch seniors. A [story map](#) was created to document the trip.



District staff also began working on a video script and an activity worksheet for the virtual 2020 Northwest Minnesota Water Festival, which is an educational event for area fourth graders. District staff were in charge of the Water Quality Station portion of the event. The video and activities will be based on the discussion and activities that are normally part of an in-person water festival. The video will give

us an opportunity to provide a more complete description and better demonstration of some of the discussion topics.

### **Red Lake River Watershed One Watershed One Plan**

The Red Lake River 1W1P Planning Work Group was informed that the Red Lake River proposal for the Fiscal Year 2020 Section 319 Small Watersheds Focus grant had been recommended for funding (\$284,275) by the Minnesota Pollution Control Agency. The projects that will be funded by this grant include:

- Grade stabilization structures (including side water inlets)
- Water and Sediment Control Basins (WASCOBs)
- Streambank stabilization or meander cutoff stabilization along the Red Lake River
- Cover crops, nutrient management, and other non-structural source reduction projects
- Riparian buffers
- Riparian forest buffers
- Field borders
- Grazing management plans
- Cattle exclusion or access control plans

A progress report for the 2018-19 watershed-based funding grant for the Red lake River 1W1P was reviewed and accepted by BWSR. The reported total expenditures were only \$146,348.65 of the \$745,307.00 budget. Significant chunks of that budget will be spent in the latter half of 2020 for side water inlets on RLWD projects, completion of the Russia 13 project, the Westside Flood Damage Reduction project outlet stabilization, and more.

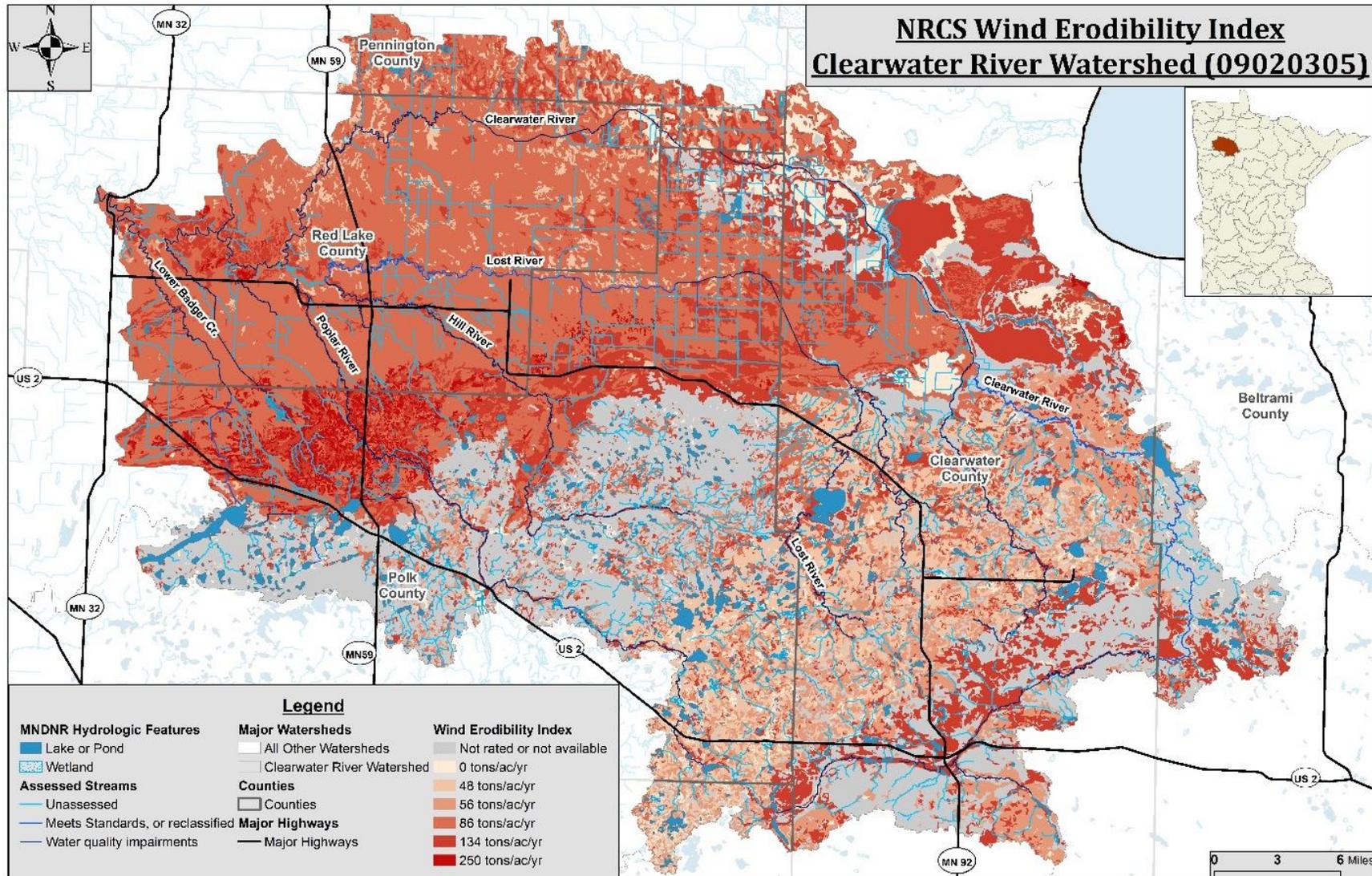
### **Clearwater River Watershed Restoration and Protection Strategy (WRAPS)**

District staff finished a revision of the Clearwater River WRAPS report based on comments from an MPCA review of the spring 2019 version of the document. Some revisions were made to maps in the WRAPS report. Additional maps were created, based on a list of maps that were added by the MPCA to the final version of the Red Lake River WRAPS.

District staff then began reviewing the EPA comments on the Clearwater River Watershed Total Maximum Daily Load and providing information to the MPCA Project Manager to help with the responses to EPA comments. Some research was done to learn about how to handle tribal land that was within the drainage area of some TMDLs, but not under state or federal jurisdiction. Research into multijurisdictional TMDLs was helpful in finding a narrative solution rather than having to recalculate the TMDLs. Some map revisions were made to add details that were recommended in the EPA comments (locations of cities with wastewater treatment facilities and wasteload allocations, assessment unit identification number additions to maps and figures).

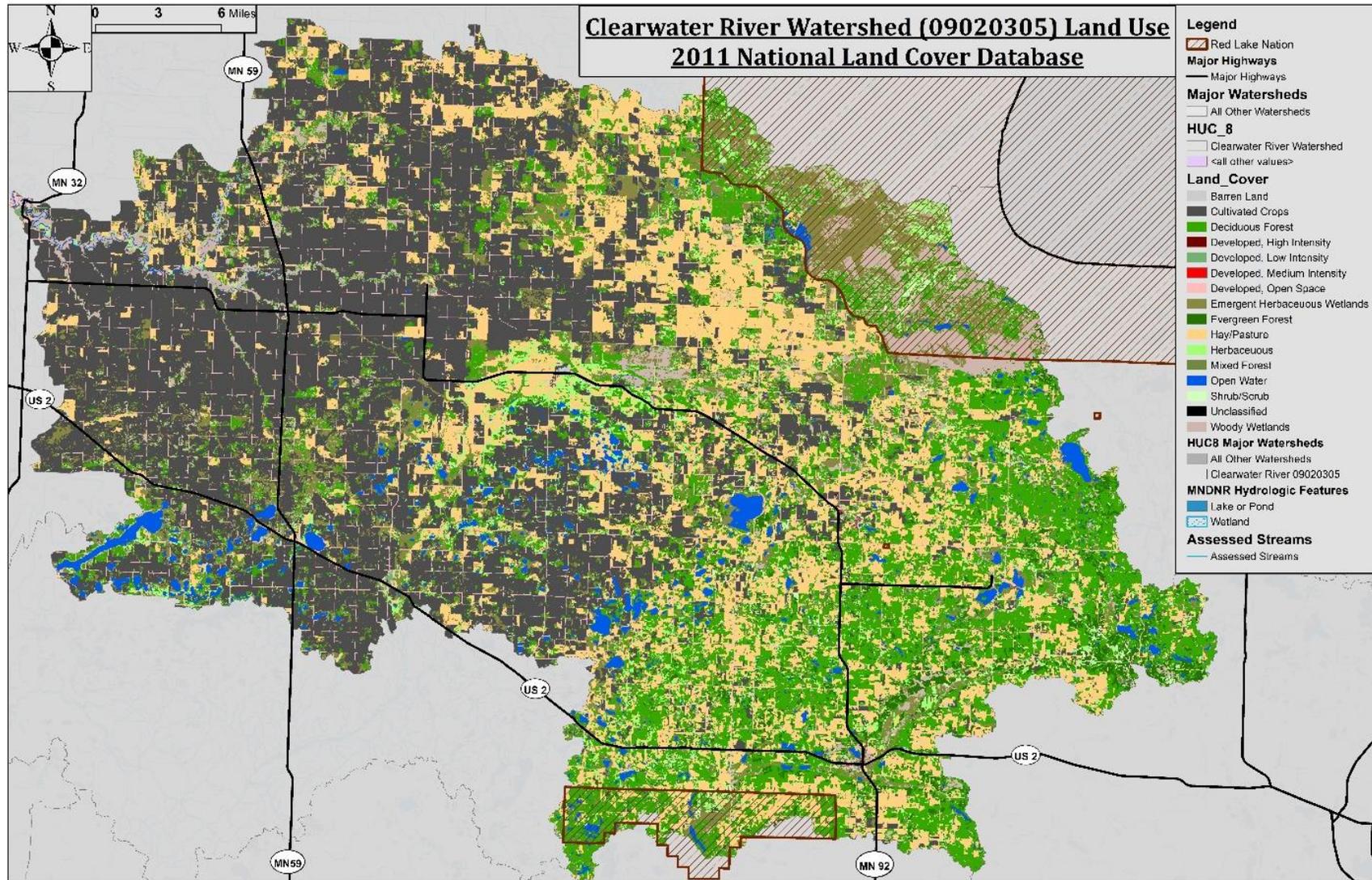
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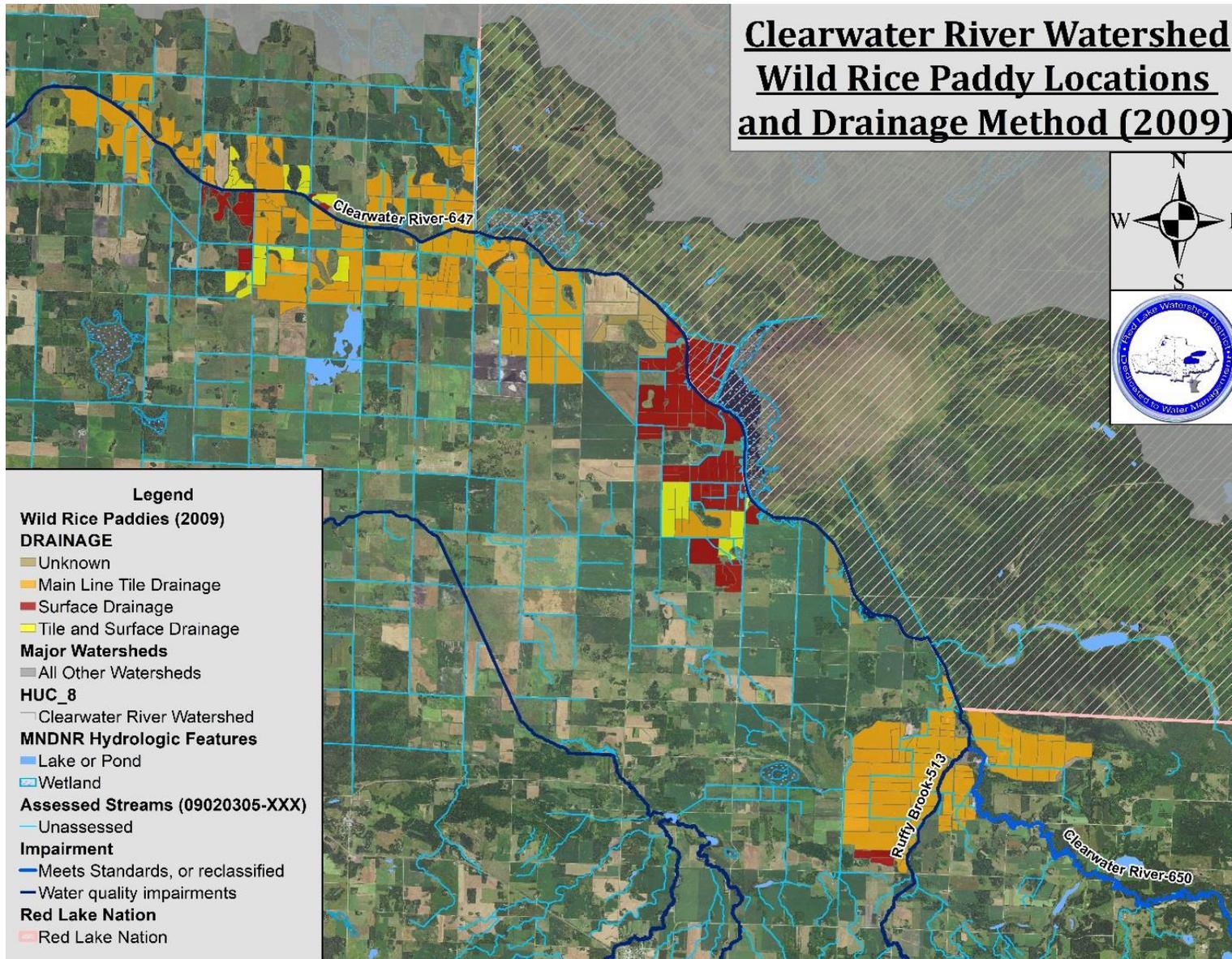


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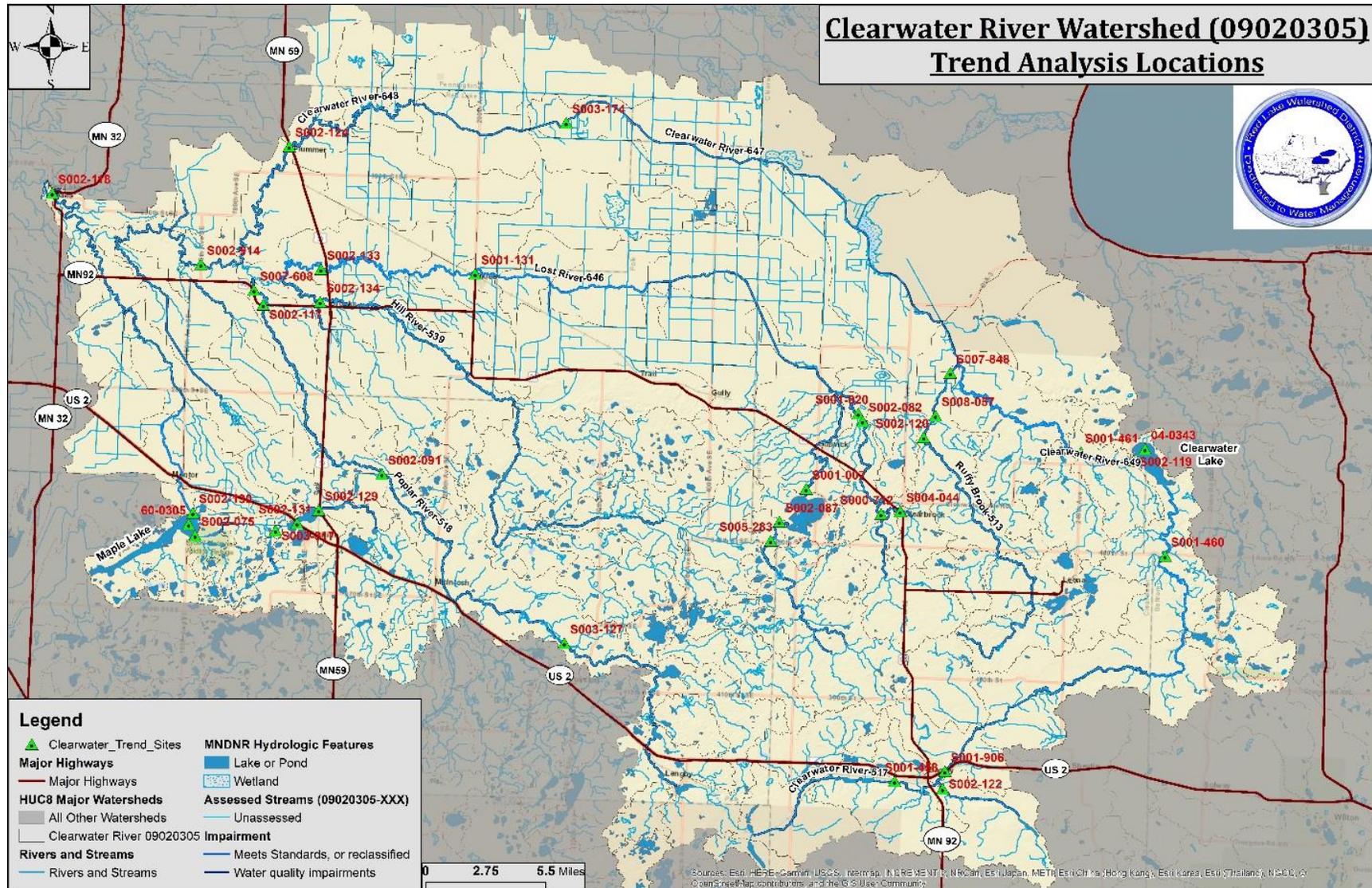


**Clearwater River Watershed  
Wild Rice Paddy Locations  
and Drainage Method (2009)**



# RED LAKE WATERSHED DISTRICT MONTHLY WATER QUALITY REPORT

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**Other**

- The International Water Institute published a [Summer 2020](#) edition of their River Rendezvous newsletter.

Water quality related notes and minutes from the August 13, 2020 Red Lake Watershed District Board of Managers meeting.

- Engineer Mike Flaagan, Pennington County Highway Department, appeared before the Board to discuss a RRWMB Water Quality Grant Application for repairs to the outlet of Pennington County Ditch 96 in the amount of \$26,313.00. Flaagan stated that bids for the project came in higher than anticipated. Discussion was held on the District contributing towards the cost of the project. Motion by Dwight, seconded by Ose, to contribute \$26,313.00 for repairs to the outlet of Pennington County Ditch 96 from the District's Erosion Control Fund, RLWD Project No. 164. Motion carried.
- The Red Lake River 1W1P, RLWD Project No. 149, was awarded a MPCA Section 319 Clean Water Act grant for the Red Lake River Targeted Watershed Grant-Phase 1 in the amount of \$280,000.00. Administrator Jesme stated that this is a federal grant so we can use state Clean Water funds to match the grant.
- Jesme received a call from Congressman Collin Peterson's office as well as from the U.S. Army Corps of Engineers concerning the high-water levels on the Upper Red Lake. The calls were directed at damages to private properties and shorelines due to high water conditions.

Water quality related notes and minutes from the August 27, 2020 Red Lake Watershed District Board of Managers meeting.

- Staff member Christina Slowinski and Dave Marshall presented information on an erosion problem that is forming in Section 10, Andover Township, Polk County, as it outlets into Polk County Ditch 63 Improvement Project, RLWD Project No. 134. Slowinski and Marshall have surveyed the area and originally developed plans which included a culvert drop structure. Upon investigation and staking the project, it became apparent that an open side inlet with rock riprap would be best to repair the gully at an estimated cost of \$5,000. Motion by Tiedemann, seconded by Page, to authorize District staff the authority to solicit quotes for repair in Polk County Ditch 63, RLWD Project No. 134. Motion carried.
- Administrator Jesme updated the Board on the recent Planning Work Group (PWG) meeting held for the Red Lake River 1W1P, RLWD Project No. 149, where discussion was held on transferring of funds for projects that are ready to be constructed, but not in the original Work Plan, referencing the above erosion repair on Project No. 134.
- The Board reviewed a funding request from the Red Lake SWCD for the Randy Myhre Water and Sediment Control Basin Project, located in Section 2, Terrebonne Township for a total project cost of \$7,092.00. The Red Lake SWCD is requesting cost share in the amount of \$1,000.00 for construction from the 2020 Erosion Control Funds, RLWD Project No. 164. Motion by Page, seconded by Tiedemann, to approve cost share in the amount of \$1,000.00 for the Randy Myhre Water and Sediment Control Basin Project, from the District's Erosion Control Fund, RLWD Project No. 164. Motion carried.

**August 2020 Meetings and Events**

- **August 11, 2020** – Red River Watershed Management Board Water Quality Monitoring Advisory Committee meeting – discussed the Red Lake Watershed District’s application for water quality project funding for the Thief River Falls Oxbow Restoration Project. The group approved of the application and recommended it for funding.
- **August 20, 2020** - Agricultural Drainage and the Future of Water Quality virtual workshop
  - Iowa Water Quality Initiative (practices to reduce nitrogen loading)
    - Wetland installations, including the replacement of existing grassed waterways with long, narrow wetlands, tile zone wetlands, and traditional wetlands.
  - Drainage Project Planning
    - Preparing for new projects, “attorneys and engineers,” communication, and hurdles.
  - Soil and water Outcomes Fund (Iowa)
    - Municipalities fund upstream water quality practices to improve source water quality, recreational suitability, and flood protection. Large companies like Microsoft and Coca-Cola are looking into funding agricultural practices that sequester carbon in an effort to become carbon neutral.
  - Advanced Modeling (XP SWMM)
  - Conservation Drainage: Win-Win Solutions
    - We wouldn’t want to use a road built in 1920, so why are we still using early-1900s (“water is the enemy”) drainage methods in 2020?
    - Multi-purpose Drainage Management (MDM) can improve drainage while protecting water quality.
    - Landowners are more supportive when they see projects on the land.
  - Saturated Buffers and Bioreactors Edge of Field Practices
- **August 20, 2020** – Red Lake River One Watershed One Plan Planning Work Group (PWG) conference call
  - An application for 319 Small Watersheds Focus grant was submitted and approved for funding.
  - The Red Lake Watershed District successfully applied for Red River Watershed Management Board water quality funding for the installation of side water inlets in the Black River Impoundment project area, installation of side water inlets along RLWD Ditch 16, and for the Thief River Falls Oxbow Restoration Project.
  - The RLWD Board of Managers approved funding for the completion of the Pennington County Ditch 96 outlet stabilization project.
  - The 1W1P funding for side water inlets along the Westside Flood Damage Reduction Project will be used-up.
  - Polk County SWCD staff predict that the Russia 13 project will be completed under-budget.
  - District engineering staff surveyed and drafted plans to fix gully erosion along Project 134 (a drainage system that flows into Burnham Creek, southwest of Crookston).
  - Funding for additional projects (like the Project 134 gully erosion fix) will be made available by the Red Lake County SWCD’s ability to use additional grant funds, and cost share to cover the costs of side water inlets along County Ditch 69, County Ditch 12, County Ditch 13, and County Ditch 28.

- There will be additional money available for side water inlets in the Black River watershed – there was some discussion about additional locations that could use side water inlets.
- The next PWG meeting will be held in mid-September
- **August 27, 2020** – Virtual meeting for planning the 2020 Northwest Minnesota (Virtual) Water Festival
  - Donna Christianson (Pennington SWCD) created a fish painting video.
  - Education.com has a crossword puzzle generator
  - In the past, some schools didn't participate because of the logistics of bringing too many kids to the event. That likely won't be a limiting factor this year because they don't have to worry about transportation and chaperones.
  - Video editor options were discussed.
  - Deadlines and the schedule for completing the activities, videos, and packets were discussed.
  - Heather Donoho will provide a uniform introductory slide for videos and a template for the activity packets.
- **August 31, 2020** – Red Lake River Planning Work Group conference call to discuss the 319 Small Watershed Focus Grant

Red Lake Watershed District Monthly Water Quality Reports are available online:

<http://www.redlakewatershed.org/monthwq.html>.

Learn more about the Red Lake Watershed District at [www.redlakewatershed.org](http://www.redlakewatershed.org).

Learn more about the watershed in which you live (Red Lake River, Thief River, Clearwater River, Grand Marais Creek, or Upper/Lower Red Lakes) at [www.rlwdwatersheds.org](http://www.rlwdwatersheds.org).

“Like” the Red Lake Watershed District on [Facebook](https://www.facebook.com/redlakewatershed) to stay up-to-date on RLWD reports and activities.