

RED LAKE WATERSHED DISTRICT

January 10, 2019

Agenda

9:00 a.m.

9:00 a.m.	Call to Order	Action
	Review and approve agenda	Action
	Requests to appear	Information
	December 31, 2018 Minutes	Action
	Financial Report dated January 9, 2018	Action
	Investment Summary/Certificate of Deposit Maturity	Action
	Manager Appointment	Information
	Election of Board of Officers	Action
	President	
	Vice President	
	Secretary	
	Treasurer	
	Advisory Committees	Action
	Committees for 2019 (committee list in packet)	Action
	Schedule Board Meetings	Action
	Designate Depositories	Action
	Thief River Falls West Side FDR Project, RLWD Project No. 178	Information
	Black River Impoundment, RLWD Proj. No. 176	Information
	Challenger Ditch, RLWD Proj. No. 122-Schedule Hearing Date	Action
	Red Lake River 1W1P, RLWD Project No. 149-Amendment Hearing	Information
	2019 MAWD Dues/Taxable Market Values	Info./Action
	MN Viewers Association Dues	Action
	Electronic Attendance at Board Meetings	Information

Administrators Update	Information
Legal Counsel Update	Information
Managers' updates	Information
Adjourn	Action

UPCOMING MEETINGS

January 15, 2019	RRWMB, EGF City Council, 9:30 a.m.
January 15-17, 2019	Red River Basin Land & Water International Summit Conference, Grand Forks
January 21, 2019	Office Closed-Martin Luther King Day
January 24, 2019	RLWD Board Meeting, 9:00 a.m.
February 14, 2019	RLWD Board Meeting, 9:00 a.m.
February 14, 2019	Drainage and Water Conference-Rinke Noonan
February 18, 2019	Office Closed-President's Day
February 19, 2019	RRWMB, RLWD Office, 9:30 a.m.
February 20-21, 2019	MAWD Legislative Reception & Day at the Capitol
March 20-21, 2019	Joint Annual RRWMB & FDRWG Conference, Moorhead

DRAFT

RED LAKE WATERSHED DISTRICT
Board of Manager's Minutes
December 31, 2018

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

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

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

The Board reviewed the December 13, 2018 minutes. Motion by Sorenson, seconded by Torgerson, to approve the December 13, 2018 Board meeting minutes as presented. Motion carried.

The Board reviewed the Financial Report dated December 28, 2018. Motion by Tiedemann, seconded by Dwight, to approve the Financial Report dated December 28, 2018 as presented. Motion carried.

The Board reviewed the Investment Summary as of December 28, 2018. Staff member Arlene Novak stated that three Certificates of Deposit will mature in January. Motion by Ose, seconded by Page, to authorize staff to solicit quotes for the three Certificates of Deposit to mature in January 2019. Motion carried.

Staff member Arlene Novak reviewed the 2018 General Fund Budget as of December 28, 2018. Novak stated that payroll and any outstanding bills prior to year-end will be paid and are yet to be reflected in the balances. Motion by Tiedemann, seconded by Ose, to accept the 2018 General Fund Budget as of December 28, 2018 as presented. Motion carried.

Novak reviewed the proposed Capital Project Fund Transfers as of December 28, 2018. After discussion by the Board, motion by Tiedemann, seconded by Sorenson, to approve the Capital Project Fund Transfers as of December 28, 2018, as proposed, with adjustments to be made following final payroll and payments of the year, and year end interest allocation. Motion carried.

Novak reviewed the 2018 League of Minnesota Cities Insurance Trust Property/Casualty Dividend Report, noting that the \$242 dividend the District received is listed in the Financial Report, which goes into the General Fund Miscellaneous Revenue Account.

Novak stated that as of January 1, 2019 the Federal Allowable Mileage rate increases to 58.0 cents per mile.

Administrator Jesme stated that due to the recent snow events, the archeologist will not be able to complete the archeological review/cultural survey on the proposed RLWD Ditch 16, RLWD Project No. 177, as requested by the U.S. Army Corps of Engineers, until snowmelt. The USACOE indicated they will only require a General Permit for construction of the project upon completion of the cultural survey.

The Board reviewed the RRWMB funding spreadsheet, for funding that has been committed to date. Administrator Jesme noted that the Black River Impoundment, RLWD Project No. 176, and the Thief River Falls West Side Flood Damage Reduction Project, RLWD Project No. 178, are both listed within the RRWMB funding summary. Jesme noted that both projects are based on 50/50 cost share funding from the State of Minnesota. Engineer Tony Nordby, Houston Engineering, Inc., stated that the RRWMB funding commitment of \$2.3 million for the Black River Impoundment is based on the Step 2 submittal. The final step submittal will be closer to \$2.7 million.

Administrator Jesme stated that the Thief River Falls West Side Flood Damage Reduction Project, RLWD Project No. 176, was not awarded a Clean Water Fund Grant through BWSR for the outlet channel downstream of the Highway 32 culvert.

Engineer Tony Nordby, Houston Engineering, Inc., discussed existing right-of-way (ROW) on the Challenger Ditch, RLWD Project No. 122, regarding the re-construction of CSAH 8. The District currently has 4.72 acres of existing ditch ROW. Engineer Mike Flaagan, Pennington County Highway Department, stated that the county is working on purchasing 6.5 acres of road ROW, and an additional .92 acres for permanent ditch ROW. Legal Counsel Sparby recommended that the District draft a petition for review and approval by the Pennington County Board to be submitted to the District, requesting an improvement to the Challenger Ditch system for re-construction of CSAH 8. Legal Counsel Sparby stated that this could be considered an improvement to the ditch system under Minnesota State Statute 103D.705, Subd. 2(3). It was the consensus of the Board to authorize Sparby to assist Pennington County in drafting a petition to be submitted by the Pennington County Board.

The Board reviewed the Final Pay Estimate in the amount of \$2,087.97 to R.J. Zavoral & Sons, Inc. for a Grade Stabilization Project, RLWD Project No. 164 to the outlet of Polk County Ditch 63, RLWD Project No. 134. This project was in part funded by a BWSR Clean Water Grant applied for by West Polk SWCD. Administrator Jesme stated the District match for this project is being funded through the District's Erosion and Control Funding, RLWD Project No. 164. Motion by Tiedemann, seconded by Ose, to accept the Final Pay Estimate in the amount of \$2,087.97 to R.J. Zavoral & Sons, Inc. for a Grade Stabilization Project to the outlet of Polk County Ditch 63, RLWD Project No. 134. Motion carried.

Administrator Jesme stated that the hearing to amend the Red Lake River 1W1P was held by the Red Lake River 1W1P Policy Committee on December 19, 2018 at the District office. The next step in getting the plan amendment approved will be to attend a meeting with BWSR North Region Board. Jesme, Manager Tiedemann and Peter Nelson, Pennington SWCD, will attend the North Region BWSR meeting on January 2, 2019 at 10:00 a.m. in Bemidji.

Administrator Jesme stated that he submitted the Yearly Report for the Conservation Partner Legacy Grant, RLWD Project No. 180A, in partnership with Agassiz National Wildlife Refuge. Triple D Construction has submitted their bill for replacement of the water control structure which was part of phase two of the grant. Phase three of the grant will be completed in 2019. Jesme also indicated that the application for an additional Conservation Partner Legacy Grant in partnership with Agassiz National Wildlife Refuge, has been submitted.

The Board reviewed the final RLWD Buffer Rule document. Administrator Jesme stated that all formatting has been completed and will be submitted to BWSR and available to the public.

The Board reviewed the Red River Watershed Management Board (RRWMB) Strategic Planning Process results to date and Strategic Plan Input Questionnaire. The RRWMB is asking for input from Watershed District's and Board Manager's to help guide them in the future. Considerable discussion was held amongst the Board on the RRWMB Strategic Plan. It was the consensus of the Board, that each Board member will submit their individual comments. The Board reviewed the total taxes collected and submitted to the RRWMB in 2018 through the District as of December 26, 2018.

The Board reviewed the 2018 MAWD Resolutions that were presented to the MAWD Board at their December 2018 meeting.

Staff member Loren Sanderson reviewed RLWD Permit No. 18125, Pat Wichterman, Emarville Township, Red Lake County that had been previously tabled by the Board. Sanderson stated that the permit had been tabled to allow for Red Lake County to hold a hearing for the inclusion of land into the benefitted area of Red Lake County Ditch 62. Motion by Page, seconded by Tiedemann, to approved RLWD Permit No. 18125, Pat Wichterman, Emarville Township, Red Lake County, with conditions stated on the permit. Motion carried.

Staff member Loren Sanderson recommended tabling RLWD Permit No. 18156, Brent Strand, Poplar River Township, Red Lake County, for further review in the spring. Motion by Dwight, seconded by Ose, to table RLWD Permit No. 18156, Brent Strand, Polar River Township, Red Lake County. Motion carried.

Administrators Update:

- Jesme and Manager Ose attended the RRWMB in Ada on December 18, 2018.
- The Thief River 1WIP Advisory and Policy Committee's will meet on January 9, 2019 at the District office. A Planning Work Group teleconference will be held on January 2, 2019, to review Section 4 of the Plan.
- Jesme and Manager Tiedemann, who represented MAWD, participated in a teleconference for the MAWD Legislative Committee to review all past and present MAWD resolutions and to categorize and develop a strategy as we move through this year's legislative session.
- Staff member Hanson attend the BWSR Regional Conservation Partnership Program Training session in Grand Rapids on December 20, 2018. The training session was intended to address the partnership program through the NRCS and how it can be implemented with state funding for approved 1WIP.
- Included in the packet was the July 2018 Water Quality Report.

- The District office will be closed on Tuesday, January 1, 2019 for New Year's Day.

Manager Ose stated that he attended Dan Wilken's Retirement Part in Fertile on December 14, 2018.

Discussion was held on the Steffes Auction Land Sale held on December 28, 2018.

Board discussion was held on the consideration of allowing Electronic Attendance at District meetings for the Board members. Administrator Jesme stated that the District needed to purchase an adequate conference phone. Manager Sorenson stated that he would like to see a better set up for presentations in the Board room. It was the consensus of the Board, to authorize staff to complete research on the requirements for Electronic Attendance and appropriate equipment that would be needed.

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

LeRoy Ose, Secretary

RED LAKE WATERSHED DISTRICT
Financial Report for January 9, 2019

Ck#	Check Issued to:	Description	Amount
online	EFTPS	Withholding for FICA, Medicare, and Federal taxes	\$ 4,014.24
online	MN Department of Revenue	Withholding taxes	773.99
online	Public Employees Retirement Assn.	PERA contributions	2,455.03
online	EFTPS	Withholding for FICA and Medicare	72.66
37248	Red River WS Management Board	Additional 2nd half taxes	926.74
37249	Dale M. Nelson	Mileage	7.63
37250	Northwestern Mutual Financial	Deferred Compensation	69.27
37251	LeRoy Ose	Mileage	167.85
37252	Pennington SWCD	West Polk 2018 Erosion Control funds for SWI grant	5,010.97
37253	Marshall County Environmental Serv.	Thief River 1W1P reimbursement	158.58
37254	Pennington SWCD	Thief River 1W1P reimbursement	81.78
37255	Ameripride Services Inc.	Office rug rental	35.43
37256	Tammy Audette	Clean offices in December	245.00
37257	Brault Construction LLC	Skidsteer & brushmower at Euclid East, Parnell & Pjt.133C	8,862.00
37258	City of Thief River Falls	Electricity, water, sewer, etc.	746.25
37259	Centurylink	Telephone expense	275.94
37260	The Exponent	Draft Plan Amendment hearing ad for RL1W1P	164.70
37261	Houston Engineering, Inc.	Engineering fees for Black River Impoundment	15,172.50
37262	Landman Publishing, LLC	Draft Plan Amendment & Amendment hearing ads for RL1W1P	193.20
37263	Les's Sanitation, Inc.	Garbage pickup	34.70
37264	Marco Technologies LLC	Monthly copier usage expense	452.92
37265	NCPERS Group Life Ins.	Staff life insurance premium	112.00
37266	Northwest Beverage	H2O for office	15.75
37267	Olson Construction	Snowplow parking lot/December & mow ditches 2017 & 2018	28,940.00
37268	Pitney Bowes Global	Quarterly postage meter rent	84.00
37269	Pennington SWCD	PTMApp Administration	137.70
37270	Quill Corporation	Copy paper,postits,calculator ribbons,1099MISC forms,printer ribbons	119.03
37271	Rinke Noonan	Legal fees for Thief River Westside FDR project	336.00
37272	Thief River Falls Times	Christmas greeting ad and ad for RL1W1P amendment hearing	125.63
online	Blue Cross Blue Shield	Health insurance premium	4,076.00
direct	Brian Dwight	Mileage	463.24
direct	Terry Sorenson	Mileage and meals	339.92
	Payroll		
	Check #7443-7444 & 11576-11577		1,100.55
	Total Checks		\$ 75,771.20

Olson Construction

Snow plow parking lot in December	420.00
Mow RLWD ditches-2017	16,160.00
Mow RLWD ditches-2018	<u>12,360.00</u>
	28,940.00

Financial Institutions:**Northern State Bank**

Balance as of December 28, 2018	\$ 205,979.35
Total Checks Written	(75,771.20)
Receipt #414477 Northern State Bank-Monthly interest	430.27
Receipt #414478 CDARS (Unity Bank) Monthly interest on CDs	2,710.59
Receipt #414481 (Receipt only) Edward Jones-To record interest earned on CD before investing	-
Receipt #414482 State of Minnesota- Proj. 157C grant reimbursement	2,287.00
Receipt #414483 Edward Jones-Interest on CD prior to investing (Receipt #414481)	92.73
Receipt #414484 Unity Bank (CDARS) -Interest on CD	21.37
Receipt #414485 Paul and Dell Hoff-Land rent	5,923.50
Balance as of January 9, 2019	<u>\$ 141,673.61</u>

Border State Bank

Balance as of November 30, 2018	\$ 18,193.75
Receipt #414480 Border State Bank-Monthly interest	7.71
Balance as of December 31, 2018	<u>\$ 18,201.46</u>

American Federal Bank-Fosston

Balance as of December 28 2018	\$ 1,896,278.65
Receipt #414476 Pennington County-In lieu of taxes and Proj. 171A assessment	25,937.82
Receipt #414479 American Federal Bank-Monthly interest on account	2,465.74
Balance as of January 9, 2019	<u>\$ 1,924,682.21</u>

Red Lake Watershed District
as of January 9, 2019

<u>Name of Institution</u>	<u>Purchase/ Current Value</u>	<u>Int. Rate</u>	<u>Mat. Date</u>	<u>*Maturity Amount</u>
10010 Northern State Bank (checking)	\$ 141,673.61	0.80%		\$ 141,673.61
10020 Border State Bank (Investor savings) Thief River Falls	\$ 18,201.46	0.50%		\$ 18,201.46
10030 American Federal Bank Fosston	\$ 1,924,682.21	1.50%		\$ 1,924,682.21
10660 CDARS-Amarillo National Bank, TX 12 mos. CD, int. paid monthly	\$ 146,500.00	1.50%	1/17/2019	\$ 146,500.00
10660 CDARS-Conway, AR 12 mos. CD, int. paid monthly	\$ 53,500.00	1.50%	1/17/2019	\$ 53,500.00
10860 American Federal-Fosston 6 month monthly interest compounded	\$ 200,000.00	1.95%	1/24/2019	\$ 203,900.00
10470 CDARS-Bank of America, Charlotte, NC monthly interest payment via ACH	\$ 200,000.00	1.95%	2/28/2019	\$ 200,000.00
10740 CDARS-Signature Bank, New York monthly interest payment via ACH	\$ 200,000.00	2.05%	7/18/2019	\$ 200,000.00
10740 CDARS-Valley National Bank monthly interest payment via ACH	\$ 159,000.00	2.05%	7/18/2019	\$ 159,000.00
10740 CDARS-Signature Bank, New York monthly interest payment via ACH	\$ 41,000.00	2.05%	7/18/2019	\$ 41,000.00
10870 American Federal-Fosston-12 month monthly interest compounded	\$ 201,762.20	2.10%	7/26/2019	\$ 204,200.00
10260 CDARS-SmartBank, Pigeon Forge, TN (int.pd quarterly via ACH)	\$ 200,000.00	2.05%	9/5/2019	\$ 204,100.00
10710 CDARS-BOKD, National Assn., Tulsa (int.pd monthly via ACH)	\$ 200,000.00	2.33%	10/3/2019	\$ 200,000.00
10880 Ultima Bank-Fosston (int. compounded sem-annually)	\$ 600,000.00	2.52%	10/22/2019	\$ 615,120.00
RiverWood Bank-Bemidji (Bagley) Interest paid at maturity	\$ 200,000.00	2.35%	11/8/2019	\$ 204,700.00
Edward Jones	<u>\$ 200,000.00</u>	2.75%	12/27/2019	<u>\$ 200,000.00</u>
	<u>\$ 4,686,319.48</u>			<u>\$ 4,716,577.28</u>

Red Lake Watershed District
Rates for January 9, 2019

For maturing \$200,000 CD @ CDARS 1.5% Mat. 1-17-19

Bank Name	Amount	Rate	APY	TERM	Accrued Int. Compounded
RiverWood Bank	200,000.00	2.35	2.35	6 months	at maturity
Bagley					
Citizens State Bank	200,000.00		1.25	6 months	at maturity
Roseau					
Unity Bank (CDARS)	200,000.00	2.45	2.450		ACH monthly
Red Lake Falls					
American Federal Bank	200,000.00	2.030	2.05	6 months	compounded monthly
Fosston					
Northern State Bank	200,000.00	1.35		6 mos.	
TRF					
First National Bank	200,000.00	1.35	1.35	6 mos.	simple
McIntosh					
Security State Bank	200,000.00	1.350	1.35	6 mos.	compounded
Oklee					
First National Bank-Bemidji	200,000.00	2	2.01	6 months	comp. or paid monthly via ACH
Bemidji					
Ultima Bank	200,000.00	1.65	1.65	6 months	
Fosston					
Deerwood Bank	200,000.00	0.5	0.5	6 months	comp. quarterly
Blackduck	200,000.00	0.8	0.8	12 months	comp. quarterly
	200,000.00	1.25	1.26	24 months	comp. quarterly
	200,000.00	1.75	1.76	36 months	comp. quarterly
First National Bank	200,000.00	2.25	2.26	6 months	comp.
Bagley					

24 quote request sheets faxed/mailed to financial institutions

Overall Advisory Committee

John A. Nelson, Walker Brook Area
Lloyd Wiseth, Landowner
Steve Holte, Farmer/Landowner
Emmitt Weidenborner, Upper Red Lake Area
John Ungerecht, Upper Red Lake Area
Dan Schmitz/Black River Area
John Gunvalson, Clearwater River Area
Roger Love, Grand Marais Area
Dave Rodahl, Thief River Area
Shane Bowe, Red Lake Band of Chippewa Indians
Loiell Dyrud, Landowner

Advisory Committee Members

Black River Area

*Dan Schmitz, RLF
Curt Beyer, RLF
Greg Dyrud, TRF

Moose River Area

Wayne Larson, Middle River
Elroy Aune, Gatzke

Burnham Creek Area

Mary Ann Simmons

Clearwater River Area

Steve Linder, Oklee
*John Gunvalson, Gonvick

Lost River Area

Gary Mathis, Gonvick

Grand Marais/Red Area

Jeep Mattson, EGF

Poplar River Area

Clearwater Lake Area

Thief River Area

*Dave Rodahl, TRF
Trent Stanley
*Steve Holte
Jim Sparby

Walker Brook Area

*John A. Nelson, Clearbrook

Pine Lake Area

Dave Dalager

Red Lake River Area

Keith Driscoll, EGF

Upper Red Lake Area

*Emmitt Weidenborner, Kelliher
*John Ungerecht, Northome
Wayne Skoe

Hill River Area

Jake Martell, Oklee

*Overall Advisory Committee Members

2018 Board Committees

Red River Watershed Management Board (RRWMB)

LeRoy Ose-Alternate (2018 1st year of a 3 year term)
Les Torgerson-Alternate

Minnesota Association of Watershed Districts

LeRoy Ose-Delegate
Gene Tiedemann-Delegate
Allan Page-Alternate

Budget and Salary Committee (changed on 10/25/18)

Terry Sorenson
Gene Tiedemann
Brian Dwight

Grand Marais Creek Joint Powers Board

Dale M. Nelson
Gene Tiedemann
Allan Page
Terry Sorenson-Alternate

Judicial Ditch 2 and Judicial Ditch 72 Joint Ditch Board

Terry Sorenson
Les Torgerson

Pine Lake Area Project Work Team

Les Torgerson
Terry Sorenson
Brian Dwight

Four Legged Lake Project Work Team

Les Torgerson
Terry Sorenson
Brian Dwight-Alternate

Black River Impoundment Project Work Team

Dale M. Nelson
Allan Page
Gene Tiedemann-alternate

20% Flood Reduction Committee

Dale M. Nelson
LeRoy Ose
Les Torgerson

Red Lake River One Watershed One Plan (1W1P)

Gene Tiedemann-Policy Committee
Dale Nelson-Alternate
Dale Nelson-Advisory Committee
Allan Page-Advisory Committee

Thief River One Watershed One Plan (1W1P)

LeRoy Ose-Policy Committee
Dale M. Nelson-Alternate
Dale M. Nelson-Advisory Committee
Brian Dwight-Advisory Committee

Blackduck Lake Structure Joint Powers Board

Brian Dwight
Les Torgerson

**BEFORE THE RED LAKE WATERSHED DISTRICT
PETITION FOR RE-ALIGNMENT AND MODIFICATION OF A PORTION OF
THE EXISTING DRAINAGEWAY AND OUTLET OF RED LAKE WATERSHED
DISTRICT PROJECT NO. 122 UNDER MINN. STAT. 103D.705**

WHEREAS, the petitioners are requesting a proposed project to provide roadway, bridge and transportation benefits; and

WHEREAS, the proposed location of said roadway, bridge and transportation services would affect the alignment, outlet and a portion of the present location of Red Lake Watershed District Project No. 122, an existing drainage project; and

WHEREAS, Petitioners propose that the proposed project will be located and pass over that certain real property as described and represented in the attached Exhibit "A"; and

WHEREAS, a general description of the area of the Red Lake Watershed District that will be affected by the proposed project is all or portions of the benefitted areas as shown in the attached Exhibit "B"; and

WHEREAS, said proposed project is necessary to prevent flooding of agricultural lands and urban infrastructure and urban and residential real property and improvements in the event of a rain or storm event and to facilitate transportation, roadway and bridge project location and drainage; and

WHEREAS, Petitioner is interested in having an Engineer appointed to make an engineering report for the proposed project; and

WHEREAS, the proposed project will be conducive to public health, convenience and welfare; and

WHEREAS, Petitioner understands that it will pay all costs and expenses that may be incurred if the proceedings are dismissed or a construction or implementation contract is not awarded for the proposed project.

WHEREAS, a Petitioner's bond is not required by statute due to the standing of the Petitioner as a County Board in the State of Minnesota.

NOW, THEREFORE, the Petitioner requests the Red Lake Watershed District to accept this petition under Minnesota State Statute 103D.705 and begin the process for the examination and possible construction of the proposed realignment of the existing drainageway and modification of the existing outlet of Red Lake Watershed District Project No. 122, as allowed by statute.

Dated: 1-8-19

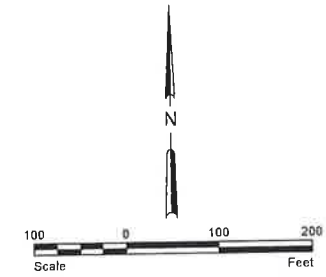
PENNINGTON COUNTY BOARD OF COMMISSIONERS

BY: Bruce Lawrence

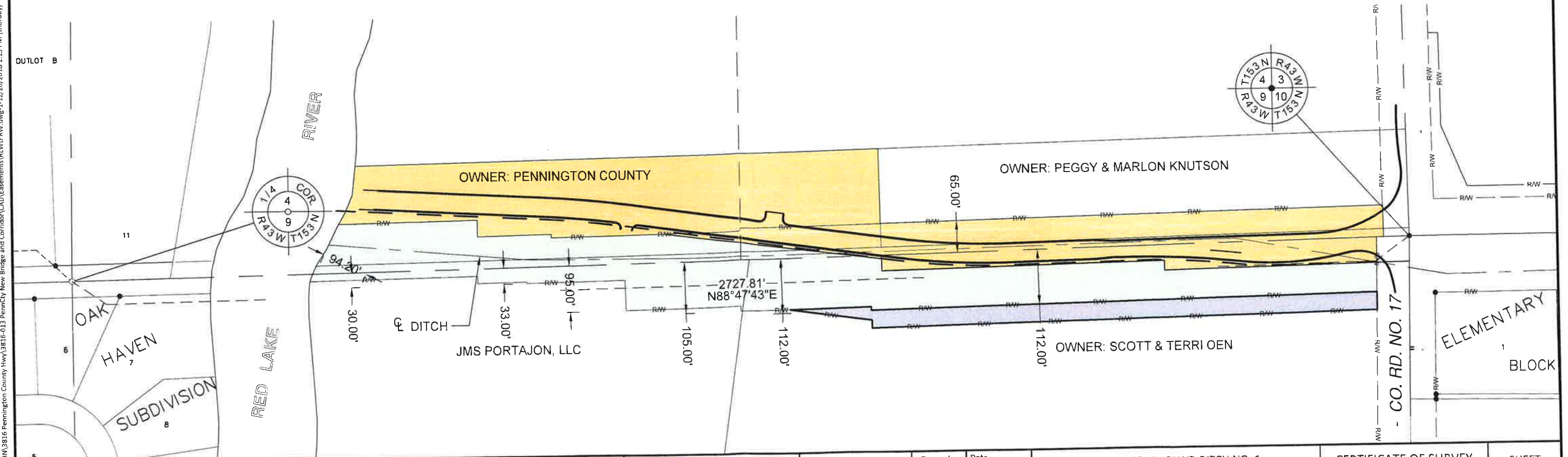
ITS: Chairman

Dated: 1-8-19

EXHIBIT A



FOUND IRON MONUMENT
 1/2" I.D. IRON PIPE SET
 MEASURED BEARING N88°06'54"E
 MEASURED DISTANCE 151.04'
 MEASURED BEARINGS SHOWN ARE BASED ON THE PENNINGTON COUNTY COORDINATE SYSTEM.
 MEASURED DISTANCES SHOWN ARE GROUND DISTANCES IN TERMS OF U.S. SURVEY FEET.
 COORDINATES SHOWN ARE BASED ON THE PENNINGTON COUNTY COORDINATE SYSTEM.
 EXISTING DITCH RW = 4.72 ACRES
 PROPOSED PERMANENT DITCH RW = 0.92 ACRES
 PROPOSED PENNINGTON COUNTY RW = 6.50 ACRES



H:\Thief River Falls\JRW\3816-0013 Pennington County Hwy Corridor\CAD\Easements\RLWD RW.dwg-1-12/26/2018 1:13 PM-(ncrdby)

		I hereby certify that this survey, plan, or report was prepared by me or under my direct supervision, and that I am a duly Licensed Land Surveyor under the laws of the State of Minnesota.		Fargo 501 231 5065 701 231 5101	Drawn by PAJ Checked by JAS Date 12/27/18 Scale AS SHOWN	PENN. CO. DITCH NO. 1 - RLWD DITCH NO. 1 RED LAKE WATERSHED DISTRICT THIEF RIVER FALLS, MINNESOTA	CERTIFICATE OF SURVEY PROJECT NO. 3816-0013	SHEET 1 of 1
No	Revision	Date	By	James A. Schieman MN. Lic. No. 44867	Date			



Memo

DATE: January 9, 2019
TO: Watershed District Administrators
FROM: Emily Javens, Executive Director
CC: MAWD President Ruth Schaefer and Treasurer Sherry Davis White
MAWD Accountant Angie Fischer Obremski

RE: 2019 ANNUAL DUES STATEMENT

Please find attached the 2019 MAWD Membership Dues Worksheet that shows the amounts each watershed organization will pay to be members of MAWD this year. The dues formula remained the same from last year, but your dues amount may have gone up or down based on the updated taxable market values for your watershed. The current dues payment is equal to 0.5% of each watershed district's maximum general levy as defined in statute (before applying the \$250,000 levy limit), not to exceed \$7,500. (Note: more information on the general levy calculation is attached from the MN Board of Water and Soil Resources.)

After voting in December to allow watershed management organizations (WMOs) as full voting members of MAWD, the MAWD Board of Directors set their dues at \$500 this year. Dues for WMOs will be formula driven next year.

2019 WD Dues = 2017 Taxable Market Value x 0.00048 x 0.005, not to exceed \$7,500
2019 WMO Dues = \$500

Please remit payment by February 28, 2018 to the MAWD Accountant:

MN Association of Watershed Districts
c/o Obremski Ltd.
1005 Mainstreet (yes, it is one word)
Hopkins, MN 55343

Please contact me if you have any questions at exec.mawd@gmail.com or (612) 790-0700.

Attachments: 2019 MAWD Dues Worksheet
BWSR Memo dated July 17, 2018 re: 2018 Taxable Market Values

Thank you for your support!

2019 MAWD Membership Dues Worksheet				Dues Calculation		PAY THIS AMOUNT
ID	Watershed District Name	Taxes Payable	(TMV x .00048)	Max Levy	(\$7,500 Max)	
		2018 Total Market Value	Max Levy	x 0.005		
001	BEAR VALLEY WATERSHED	205,879,400	98,822	494	494	
003	BELLE CREEK WATERSHED	383,815,100	184,231	921	921	
031	BOIS DE SIOUX WATERSHED	4,479,973,132	2,150,387	10,752	7,500	
069	BROWNS CREEK WATERSHED	1,783,049,000	855,864	4,279	4,279	
005	BUFFALO CREEK WATERSHED	2,303,417,038	1,105,640	5,528	5,528	
007	BUFFALO-RED RIVER WTRSHED	8,371,757,685	4,018,444	20,092	7,500	
070	CAPITOL REGION WATERSHED	20,305,213,400	9,746,502	48,733	7,500	
010	CARNELIAN-MARINE WTRSHED	1,552,710,400	745,301	3,727	3,727	
002	CEDAR RIVER WATERSHED	2,654,226,549	1,274,029	6,370	6,370	
009	CLEARWATER RIVER WTRSHED	1,428,957,406	685,900	3,429	3,429	
071	COMFORT LAKE WATERSHED	1,826,385,900	876,665	4,383	4,383	
013	COON CREEK WATERSHED DIST	14,147,729,777	6,790,910	33,955	7,500	
015	CORMORANT WATERSHED	525,855,500	252,411	1,262	1,262	
016	CROOKED CREEK WATERSHED	321,364,898	154,255	771	771	
024	HERON LAKE WATERSHED DIST	2,471,229,919	1,186,190	5,931	5,931	
018	HIGH ISLAND WATERSHED	1,136,122,307	545,339	2,727	2,727	
020	JOE RIVER WATERSHED DIST	229,009,500	109,925	550	550	
021	KANARANZI-LITTLE ROCK WS	1,643,928,603	789,086	3,945	3,945	
022	LAC QUI PARLE-YELLOW BANK	2,818,355,002	1,352,810	6,764	6,764	
060	LOWER MN RIVER WATERSHED	8,691,731,516	4,172,031	20,860	7,500	
074	MIDDLE FORK-CROW RIVER WS	1,689,203,482	810,818	4,054	4,054	
026	MIDDLE SNAKE TAMARAK RVR WS	2,638,273,514	1,266,371	6,332	6,332	
062	MINNEHAHA CREEK WATERSHED	49,900,464,943	23,952,223	119,761	7,500	
058	NINE MILE CREEK WATERSHED	19,421,163,421	9,322,158	46,611	7,500	
008	NO FORK-CROW RIVER WTRSHD	1,306,117,464	626,936	3,135	3,135	
028	OKABENA-OCHEDA WATERSHED	878,569,427	421,713	2,109	2,109	
030	PELICAN WATERSHED	1,989,247,300	954,839	4,774	4,774	
032	PRIOR LAKE-SPRING LAKE WS	3,800,171,600	1,824,082	9,120	7,500	
034	RAMSEY-WASHINGTON METRO	14,692,832,300	7,052,560	35,263	7,500	
036	RED LAKE WATERSHED DIST	7,919,650,215	3,801,432	19,007	7,500	
038	RICE CREEK WATERSHED DIST	20,505,004,449	9,842,402	49,212	7,500	
064	RILEY-PURGATORY WATERSHED	13,683,090,433	6,567,883	32,839	7,500	
040	ROSEAU RIVER WATERSHED	698,528,751	335,294	1,676	1,676	
042	SANDHILL WATERSHED DIST	1,087,217,418	521,864	2,609	2,609	
043	SAUK RIVER WATERSHED	7,682,580,435	3,687,639	18,438	7,500	
073	SHELL ROCK WATERSHED	1,846,691,699	886,412	4,432	4,432	
014	SOUTH WASHINGTON WATERSHD	11,312,745,700	5,430,118	27,151	7,500	
044	STOCKTON-ROLLINGSTONE WS	467,658,294	224,476	1,122	1,122	
048	TURTLE CREEK WATERSHED	1,088,618,600	522,537	2,613	2,613	
050	TWO RIVERS WATERSHED DIST	1,504,573,019	722,195	3,611	3,611	
052	UPPER MN RIVER WATERSHED	1,248,266,423	599,168	2,996	2,996	
054	VALLEY BRANCH WATERSHED	4,263,270,101	2,046,370	10,232	7,500	
056	WARROAD WATERSHED DIST	318,284,300	152,776	764	764	
066	WILD RICE WATERSHED DIST	3,505,569,799	1,682,674	8,413	7,500	
068	YELLOW MEDICINE RIVER	2,457,041,279	1,179,380	5,897	5,897	
	TOTALS	253,185,546,398	121,529,062	607,645	217,206	
	WATERSHED MANAGEMENT ORGANIZATIONS				500	

Memo

Date: July 17, 2018

To: Watershed District Administrators and Managers

From: Annie Felix-Gerth, Water Programs Coordinator

Cc: Emily Javens, MAWD

Rob Sip, RRWMB

BWSR: John Jaschke, Angie Becker Kudelka, Doug Thomas, Dave Weirens, Jeremy Olson,
Regional Managers and Board Conservationists

RE: 2018 Taxable Market Values

Please find attached a table containing the recently released total real and personal taxable market values (TMV) for 2018 from the Minnesota Department of Revenue. The 2018 abstract of tax list was used as the basis for calculating the table.

In order to determine the annual maximum General Fund levy for a watershed district, the TMV listed in the table must be multiplied by 0.048 percent (0.00048) and then compared to the maximum General Fund levy limit of \$250,000. Use whichever value is less. See Minn. Stat. § 103D.905, Subd. 3 for reference.

Please contact me if you have any questions,

Annie Felix-Gerth

Annie.Felix-gerth@state.mn.us | 651-238-0677

Attachment: Taxes Payable 2018 Taxable Market Values For Watersheds in Minnesota

TAXES PAYABLE 2018 TAXABLE MARKET VALUES FOR WATERSHEDS IN MINNESOTA

SOURCE: 2018 PRISM SUBMISSION #3 - FINAL ASSESSMENT AND TAXATION, MN Dept. of Revenue

WATERSHED CODE	WATERSHED NAME	TOTAL TMV
001	BEAR VALLEY WATERSHED	205,879,400
002	CEDAR RIVER WATERSHED	2,654,226,549
003	BELLE CREEK WATERSHED	383,815,100
005	BUFFALO CREEK WATERSHED	2,303,417,038
007	BUFFALO-RED RIVER WTRSHED	8,371,757,685
008	NO FORK-CROW RIVER WTRSHD	1,306,117,464
009	CLEARWATER RIVER WTRSHED	1,428,957,406
010	CARNELIAN-MARINE WTRSHED	1,552,710,400
013	COON CREEK WATERSHED DIST	14,147,729,777
014	SOUTH WASHINGTON WATERSHD	11,312,745,700
015	CORMORANT WATERSHED	525,855,500
016	CROOKED CREEK WATERSHED	321,364,898
018	HIGH ISLAND WATERSHED	1,136,122,307
020	JOE RIVER WATERSHED DIST	229,009,500
021	KANARANZI-LITTLE ROCK WS	1,643,928,603
022	LAC QUI PARLE-YELLOW BANK	2,818,366,002
024	HERON LAKE WATERSHED DIST	2,471,229,919
026	MIDDLE RVR-SNAKE RVR WS	2,638,273,514
028	OKABENA-UCHEDA WATERSHED	878,569,427
030	PELICAN WATERSHED	1,989,247,300
031	BOIS DE SIOUX WATERSHED	4,479,973,132
032	PRIOR LAKE-SPRING LAKE WS	3,800,171,600
034	RAMSEY-WASHINGTON METRO	14,692,832,300
036	RED LAKE WATERSHED DIST	7,919,650,215
038	RICE CREEK WATERSHED DIST	20,505,004,449
040	ROSEAU RIVER WATERSHED	698,528,751
042	SANDHILL WATERSHED DIST	1,087,217,418
043	SAUK RIVER WATERSHED	7,682,580,435
044	STOCKTON-ROLLINGSTONE WS	467,658,294
048	TURTLE CREEK WATERSHED	1,088,618,600
050	TWO RIVERS WATERSHED DIST	1,504,573,019
052	UPPER MN RIVER WATERSHED	1,248,266,423
054	VALLEY BRANCH WATERSHED	4,263,270,101
056	WARROAD WATERSHED DIST	318,284,300
058	NINE MILE CREEK WATERSHED	19,421,163,421
060	LOWER MN RIVER WATERSHED	8,691,731,516
062	MINNEHAHA CREEK WATERSHED	49,900,464,943
064	RILEY-PURGATORY WATERSHED	13,683,090,433
066	WILD RICE WATERSHED DIST	3,505,569,799
068	YELLOW MEDICINE RIVER	2,457,041,279
069	BROWNS CREEK WATERSHD DST	1,783,049,000
070	CAPITOL REGION WATERSHED	20,305,213,400
071	COMFORT LAKE WATERSHED	1,826,385,900
073	SHELL ROCK WATERSHED	1,846,691,699
074	MIDDLE FORK-CROW RIVER WS	1,689,203,482

MINNESOTA VIEWERS ASSOCIATION

402 VALLEY VIEW DRIVE
Phone 507-627-1150

REDWOOD FALLS, MINNESOTA 56283
email viewer@mchsi.com

NOTICE OF JANUARY SEMINAR

The Minnesota Viewers Association's will be holding it's first seminar of 2019 on **Thursday, January 17, 2019 at 10:00 a.m. at the Jackpot Junction Hotel and Convention Center, Morton, Minnesota.**

The seminar will be a presentation and discussion on the analysis and development of benefit values through the use of farm sales and the sales comparison approach to market value.

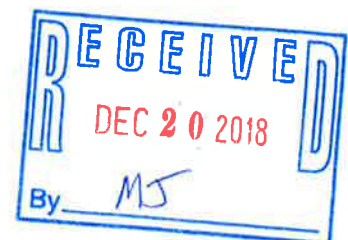
This will be the first Minnesota Viewers Association Seminar of the 5 for those that are looking for accreditation for the 2019 year.

The registration fee of \$25.00 for the seminar includes morning coffee, noon lunch and seminar materials. 2019 membership fees are \$25.00 for individual membership, or \$200.00 for Associate membership. For accreditation individuals must be paid members and attend a minimum of 2 seminars annually.

Hope you can attend.

Ron Ringquist
Secretary/ Treasurer

Board Meeting will be at 9:45 prior to the regular seminar.



The Minnesota Open Meeting Law requires that public business be conducted in public. The public has a right to attend the meeting and observe the transaction of public business.

Meetings conducted by interactive television: (Minn. Stat. § 13D.02).

The 1997 Minnesota Legislature passed a law that allows local government bodies to meet by interactive television if certain criteria are met.

Specifically, the law states that interactive meetings are permissible provided that all of the following conditions are met:

- At least one member of the Board is physically present at the regular meeting location.
- All members must be able to hear and see each other and all discussion and testimony presented at any location at which at least one member of the council is present.
- All members of the public at the regular meeting location must be able to hear and see all discussion, testimony, and votes of all members of the Board.
- Each location at which a member of the Board is present must be open and accessible to the public. (Handicapped accessible).
- If possible, a member of the public should be able to monitor the meeting electronically from a remote location. (Members of public could also request monitoring by interactive television, if possible).

If deemed advisable, the Board may adopt a resolution allowing meetings to be conducted by interactive television, as long as all of the above conditions are met.

Telephone or electronic meetings: (Minn. Stat. § 13D.021, subd. 1).

Meetings may be conducted by telephone or other electronic means if the following conditions are met:

- The presiding officer, chief legal counsel or chief administrative officer for the affected governing body ***determines an in-person meeting or a meeting conducted through interactive television is not practical or prudent because of a health pandemic or an emergency declared under chapter 12 of the Minnesota Statutes.*** (Minnesota Statutes, section 12.03, subdivision 1e, defines “declared emergency” as “a national security or peacetime emergency declared by the governor under section 12.31.”)
- All members of the body participating in the meeting can hear each other, and can hear all discussion and testimony.
- Members of the public present at the regular meeting location of the body can hear all discussion, testimony, and votes of the members of the body, unless attendance at the regular meeting location is not feasible due to the health pandemic or emergency declaration.
- At least one member of the governing body, chief legal counsel or chief administrative officer is physically present at the regular meeting location, unless unfeasible due to the health pandemic or emergency declaration.

- All votes are conducted by roll call so each member's vote on each issue can be identified and recorded. (Minn. Stat. § 13D.021, subd. 2).
- Each member of the body participating in a meeting by telephone or other electronic means is considered present at the meeting for purposes of determining a quorum and participating in all proceedings. (Minn. Stat. § 13D.021, subd. 3).
- If telephone or another electronic means is used to conduct a meeting, to the extent practical the body shall allow a person to monitor the meeting electronically from a remote location. The body may require the person making a connection to pay for the documented, additional cost the body incurs as a result of the additional connection. (Minn. Stat. §§ 13D.021, subd. 4; 13D.04).
- If telephone or another electronic means is used to conduct a regular, special or emergency meeting, the public body shall provide notice of the regular meeting location, of the fact that some members may participate by telephone or other electronic means, and, if practical, of the option of connecting to the meeting remotely. The timing and method of providing notice is the same as other regular, special or emergency meetings held under the open meeting law.

The Board may not conduct meetings by telephone, under section 13D.021, **unless it determines that it is warranted due to a health pandemic or declared emergency.**

Please see MN Dept. of Admin – Data Practices, Advisory Opinion linked below, wherein Bois de Souix watershed got reported for an open meeting law violation:

<http://mn.gov/admin/data-practices/opinions/library/index.jsp?id=36-362508>

Since 2009, Minnesota Statutes, section 13D.015 has allowed **state-level** agencies, boards, commissions, departments and public pension plans to conduct meetings by telephone if certain conditions are met.

13D.015 MEETINGS BY TELEPHONE OR OTHER ELECTRONIC MEANS.

Subdivision 1.Application.

This section applies to:

- (1) a state agency, board, commission, or department, and a statewide public pension plan defined in section [356A.01, subdivision 24](#); and
- (2) a committee, subcommittee, board, department, or commission of an entity listed in clause (1).

Subd. 2.Conditions.

An entity listed in subdivision 1 may conduct a meeting governed by this section and section [13D.01, subdivisions 1, 2, 4, and 5](#), by telephone or other electronic means so long as the following conditions are met:

- (1) all members of the entity participating in the meeting, wherever their physical location, can hear one another and can hear all discussion and testimony;

(2) members of the public present at the regular meeting location of the entity can hear all discussion and all votes of members of the entity and participate in testimony;
(3) at least one member of the entity is physically present at the regular meeting location; and
(4) all votes are conducted by roll call, so each member's vote on each issue can be identified and recorded.

Subd. 3.Quorum; participation.

Each member of the entity participating in a meeting by telephone or other electronic means is considered present at the meeting for purposes of determining a quorum and participating in all proceedings.

Subd. 4.Monitoring from remote site; costs.

If telephone or another electronic means is used to conduct a meeting, the entity, to the extent practical, shall allow a person to monitor the meeting electronically from a remote location. The entity may require the person making a connection to pay for documented marginal costs that the entity incurs as a result of the additional connection.

Subd. 5.Notice.

If telephone or another electronic means is used to conduct a regular, special, or emergency meeting, the entity shall provide notice of the regular meeting location, of the fact that some members may participate by electronic means, and of the provisions of subdivision 4. The timing and method of providing notice is governed by section [13D.04](#). In addition, the entity must post the notice on its website at least ten days before any regular meeting as defined in section [13D.04, subdivision 1](#).

(This statutory provision would not apply to the Red Lake Watershed District as its Board is not a “state level agency, board or department”.

In short, interactive television meetings would be possible if desired, but would have their own specific requirements which must be met. Telephone meetings would not be allowed by statute, unless attendance was declared unavailable due to health pandemic or emergency declaration.

If anyone has any further questions in regard to this email, feel free to contact me at (218) 681-7373.

Delray Sparby
Attorney at Law
Ihle Sparby & Haase PA
312 Main Avenue North
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Thief River Falls, MN 56701
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Red Lake Watershed District - Administrators Report

January 10, 2019

Red River Watershed Management Board – LeRoy and I will attend the RRWMB meeting held at the East Grand Forks City Hall at 9:30 am, January 15, 2019. This meeting will be held in conjunction with the Red Basin Commission Conference as well as the International Red River Board which are all held in Grand Forks.

Thief River 1W1P – Advisory and Policy Committee meeting was held at 9:30 am, Wednesday January 9, 2019 at the Red Lake Watershed District Board Room. The main objective for the meeting was to review Section 4 to develop a draft which can be submitted to the Policy Committee for approval. The Planning Committee will meet at 9:00 am January 22 to review the revisions mentioned at yesterday's meeting as well as developing estimated costs for the Implementation of the plan. After all the tasks are completed, all changes will be to incorporate the draft for Section 4, submit to the Advisory and Policy Committee for review which will then hopefully be approved at the next meeting scheduled for 9:00 am March 13th at the Red Lake Watershed District office.

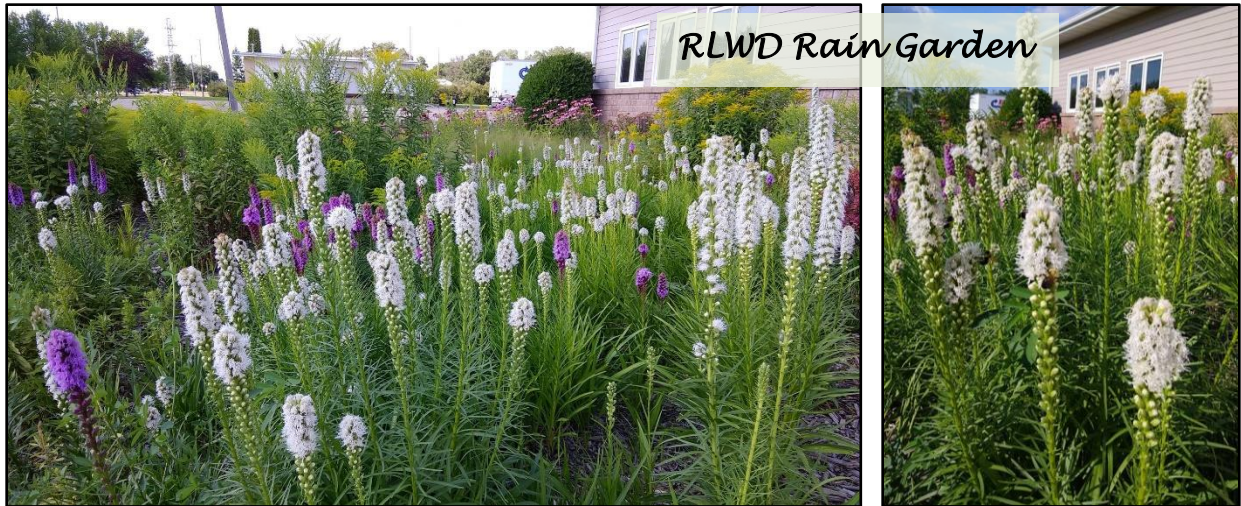
Pine Lake RCPP – The Natural Resource Advisory committee meeting for the Pine Lake Watershed will be held at 9:00 am, January 18th at the Red Lake Watershed District Board Room. The goal of the meeting is to cover Red River Watershed Management Board Technical Paper #13 for alternatives analysis for this planning region. TP# 13 was a scientific document approved in part with the Mediation Agreement adopted by various governmental entities as part of the 1998 Mediation Agreement.

Water Quality Report – I have included in your packet the August 2018 Water Quality Report submitted by Corey.

Martin Luther King – Office will be closed Tuesday January 1st for New Year's Day.

By Corey Hanson, Red Lake Watershed District Water Quality Coordinator. 1/7/2019.

- ✓ Clearwater River Watershed Restoration and Protection Strategy Project
- ✓ Blue-Green Algae
- ✓ Dissolved Oxygen Logger Deployments
- ✓ Grant applications



Red Lake Watershed District Long-Term Monitoring Program

Chief's Coulee, at Dewey Avenue North in northern Thief River Falls, was sampled in August. It smelled like septic effluent. The septic drainage was present at the downstream end of the culverts under the railroad tracks but was not present at Atlantic Avenue North.

High concentrations of total phosphorus were found in

- Polk County Ditch 2
- Grand Marais Creek (130th St. NW).
- Grand Marais Creek (110th St. NW)
- Heartsville Coulee at 13th St. in East Grand Forks
- Chief's Coulee at Dewey Avenue (very disgusting)

High concentrations of *E. coli* bacteria were found in

- Grand Marais Creek (130th St. NW)
- Mud River in Grygla
- Chief's Coulee at Dewey Avenue (also had high *E. coli*, ammonia, nitrogen, orthophosphorus, and total suspended solids)

The Red Lake River at Murray Bridge (pour-point of the watershed) had a relatively low concentration of total suspended solids.

Dissolved Oxygen Logger Deployments

Dissolved oxygen loggers were deployed at six sites in August.

- Poplar River at CR 118 (Station S007-608 on Assessment Unit 09020305-504)
- Poplar River at 310th St. SE (Station S009-392 on Assessment Unit 09020305-518)
- Lost River at CSAH 7 (Station S004-500 on Assessment Unit 09020305-645)
- Lost River at Lindberg Lake Road (Station S005-501 on Assessment Unit 09020305-530)
- Mud River in Grygla (Station S008-122 on Assessment Unit 09020304-507)
- Grand Marais Creek at 130th St. NW (Station S008-904 on Assessment Unit 09020306-513)

Several other reaches were targeted for continuous dissolved oxygen logger deployments. RLWD Ditch 15, Pennington County Ditch 21, and Darrigan's Creek were dry. There was excavation occurring upstream of the Clear Brook sampling site that would have made this year's measurements unrepresentative of typical conditions in the stream.



Early August dissolved oxygen measurements in the Poplar River at CR 118 were all better than the 5 mg/L standard. However, there were one or two days in which the dissolved oxygen levels dropped below 5 mg/L in the Poplar River upstream of Highway 59 at 310th St. SE. In the Lost River, at CSAH 7 north of Gonvick, dissolved oxygen levels frequently dropped below 5 mg/L and greatly fluctuated throughout the days that a logger was deployed. Grand Marais Creek (pictured above) had low flow, high daily fluctuation of dissolved oxygen levels, and daily violations of the 5 mg/L dissolved oxygen standard. At Lindberg Lake Road, the (uncorrected, raw) dissolved oxygen readings from the Lost River were all greater than the 5 mg/L standard

during the first August dissolved oxygen logger deployment. Some readings came close to 5 mg/L, however. The Mud River, in Grygla, experienced large daily fluctuations in dissolved oxygen levels and dropped below 5 mg/L on a daily basis.

Clearwater River Watershed Restoration and Protection Strategy (WRAPS) Project

- Objective 9 – Civic Engagement
 - RLWD staff talked with a landowner on Long Lake to discuss the impairment and possible causes. The landowner gave RLWD staff permission to access the lake to collect samples and conduct a reconnaissance of the lake.
- Objective 10 – Report Writing
 - Reasonable assurances section of the TMDL
 - Clearwater River (09020305-647) *E. coli* sources
 - Long Lake reconnaissance and sampling
 - There currently aren't any significant sources of anthropogenic pollution around the lake. There used to be a cattle operation that may have contributed nutrients to the lake. The cattle had access to the water, but much of the past shoreline disturbance from the cattle has healed-over. There were some chunks of floating algae/nostoc in the southwest portion of the lake. Much of the shoreline consisted of marshes and wetlands. There was a deep layer of floc-like, loose organic sediment along the northeastern shore of the lake that could be disturbed or resuspended during runoff events or windy days. Samples were collected from each end of the lake and both met water quality standards. The description of long Lake in the TMDL was updated to include some of the observations that were made during the reconnaissance of the lake.

Long Lake, near Pinewood



Floc on the bottom of Long Lake, in shallow portions of the northern end



Floating mats of algae/nostoc on the surface of Long Lake, in the southwest part of the lake



- District staff planned to collect longitudinal *E. coli* samples along Brooks Creek in August, but the creek was dry.
- District staff conducted a reconnaissance of the shoreline of Cameron Lake to identify sources of sediment and nutrients. Much of the shoreline is protected by rip-rap. However, some erosion is occurring where lots have been mowed up to the edge of the lake. There is new construction occurring on a lot on the northeastern shore of the lake that is very close to the edge of the lake and loose, small rock has been dumped on the lakeshore. There was evidence that stormwater runoff from the town's streets and parking lots is still a significant source of sediment and nutrients.

Cameron Lake



View of the Erskine Memorial



Erosion along south shore



Burning trash along the shoreline



Stormwater Sediment



- District staff reviewed a draft application for erosion control along Cameron Lake. Due to the timing of the draft and the fact that stormwater runoff also needs to be addressed, more work will be done to plan projects around Cameron Lake and the application will be submitted in another year.

RED LAKE WATERSHED DISTRICT MONTHLY WATER QUALITY REPORT

August 2018

Thief River One Watershed One Plan (TR1W1P)

- RLWD staff participated in a Planning Work Group conference call on August 2, 2018.
- A TR1W1P meeting (all committees) was held on August 8, 2018.
- District staff reviewed a draft of Section 4 of the plan.

Thief River Blue-Green Algae Bloom

District staff continued to keep the City of Thief River Falls and other interested parties (Voyageurs View in Red Lake Falls and individual residents) informed about the status of the blue-green algae problem that was found in the Thief River in July. A brief Thief River Falls water quality summary was assembled and shared with the Thief River Falls mayor in preparation for a visit from US Senator Amy Klobuchar.

River:	Thief River	Thief River	Red Lake River	Red Lake River
	140th Ave NE (North Crossing, Road: "Hillyer Bridge")	140th Ave NE (South Crossing, "Golf Course Bridge")	CSAH 7 ("Smiley Bridge")	Greenwood Street
Average Total Phosphorus (mg/L)	0.086	0.065	0.038	0.052
90th Percentile Total Phosphorus (mg/L)	0.174	0.091	0.076	0.084
Average Total Suspended Solids (mg/L)	20.8	12.3	9.7	11.5
90th Percentile Total Suspended Solids (mg/L)	45	22	25.8	22
Average TOC (mg/L)	20.7	No Data	16	15.4

2008-2017, January-December Data from the Minnesota Pollution Control Agency EQiS database

River:	Thief River	Thief River	Red Lake River	Red Lake River
	140th Ave NE (North Crossing, Road: "Hillyer Bridge")	140th Ave NE (South Crossing, "Golf Course Bridge")	CSAH 7 ("Smiley Bridge")	Greenwood Street
Average Total Phosphorus (mg/L)	0.080	0.062	0.038	0.052
90th Percentile Total Phosphorus (mg/L)	0.147	0.091	0.061	0.084
Average Total Suspended Solids (mg/L)	22.4	12.3	9.7	11.5
90th Percentile Total Suspended Solids (mg/L)	46.1	22	25.8	22
Average TOC (mg/L)	21.2	No Data	15.8	15.4

2008-2017, April-October Data from the Minnesota Pollution Control Agency EQiS database

By August, the Thief River blue-green algae bloom had dissipated. Samples collected from the Thief River were tested for algal toxins and no toxins were detected. Samples sent to RMB Environmental Labs revealed that blue-green algae were still present, but in low concentrations that were not a cause for concern. In response to concerns about blue-green algae in the Red Lake River downstream of the Thief River, RLWD staff collected a sample from the Red Lake River at Hartz Park that was sent to RMB Environmental Labs to be analyzed for the presence of cyanobacteria. Potentially toxic species (*Aphanocapsa*) of cyanobacteria were found in the sample but at low concentration that was not likely to cause harm or other concerns.

A public hearing was held on August 14, 2018 in Thief River Falls to discuss a temporary no wake ordinance for the Thief River between Long's Bridge and the northern Pennington County border line. The Pennington County Board passed the ordinance, which was effective until November 1, 2018.

RED LAKE WATERSHED DISTRICT MONTHLY WATER QUALITY REPORT

August 2018

The District's Water Quality Coordinator was interviewed by KTRF radio live and in a YouTube video while sampling the Thief River at Long's Bridge on August 15, 2018 (<https://www.facebook.com/trfradio/videos/668889573481724/?t=7>).



The Water Quality Coordinator was also interviewed by a reporter from the Star Tribune. <http://www.startribune.com/odd-potentially-toxic-algae-infests-western-minn-waters/491716831/>.

Other Blue-Green Algae Testing



8. Interpret

ppb

10
5
2.5
1
0

CONTROL LINE TEST LINE

INTERPRET TEST

CONTROL LINE	TEST LINE	INTERPRETATION
NO CONTROL LINE PRESENT	NO TEST LINE PRESENT	INVALID RESULT
CONTROL LINE PRESENT	NO TEST LINE PRESENT	>10 ppb
CONTROL LINE PRESENT	MODERATE INTENSITY TEST LINE PRESENT	BETWEEN 0 AND 10 ppb

Maple Lake
8/24/18
14:45

Maple Lake was sampled for algal toxins at the north swimming beach on August 24, 2018 and the concentration had decreased since July (0-1 ppb). A landowner along the lake contacted the RLWD to express concern about increased development around the lake and the effect it might be having upon water quality and weed/algae growth in the lake. The lake resident also shared photos of the proliferation of filamentous algae that occurred in the southwest end of the lake.

The Mud River in Grygla was tested for the presence of algal toxins on August 9, 2018 and August 22, 2018. No algal toxins were detected in the Mud River.

The District received a call from the City of Erskine about a potential blue-green algae bloom in Cameron Lake. Cameron lake was sampled for algal toxins on August 13, 2018 and a concentration of approximately 2.5 – 5 ppb was found. That concentration presents a low risk to humans but is noteworthy because the District has found very few positive results for algal toxins since it began using Abraxis test kits several years ago.

Thief River Watershed Restoration and Protection Strategy (WRAPS)

The Thief River Watershed Restoration and Protection Strategy and the Thief River Total Maximum Daily Load reports were officially released for public comment on June 25, 2018 and the public comment period ended on July 25, 2018. Only a few minor comments were received during the comment period. The draft reports are available on the MPCA website at: <https://www.pca.state.mn.us/water/watersheds/thief-river>.

Other Notes

- Water quality related notes from the August 23, 2018 Red Lake Watershed District Board of Managers meeting:
 - The Board voted to approve funding to provide matching funds for the East Polk SWCD's Clean Water Fund grant application to target the watersheds of impaired and nearly impaired lakes for water and sediment control basin installation.
- District staff began looking into the MN DNR Permitting and Reporting System (MPARS) requirements for vegetation removal within lakes to prepare for a potential vegetation removal project within Bartlett Lake.
- District staff received training in first aid and CPR.
- The Crookston Times published an article about the educational kiosks that were installed at impoundments (http://www.crookstontimes.com/news/20180827/local-watershed-districts-join-in-efforts-to-stimulate-education-with-assistance-from-red-river-water-management-boards-outreach-program?fbclid=IwAR1yVB2C3jszHtAFCVhJ24_Tz_qrVv4S6SreOTRlxHewnd2toV70pHdZPT0).
- District staff set up an informational booth at the Clearwater County Fair on August 1-5, 2018.
- The International water Institute held a kayaking event on the Red Lake River in St. Hilaire on August 8, 2018.

RED LAKE WATERSHED DISTRICT MONTHLY WATER QUALITY REPORT

August 2018

- The District submitted a Clean Water Fund application for the stabilization of the outlet of Pennington County Ditch 1.

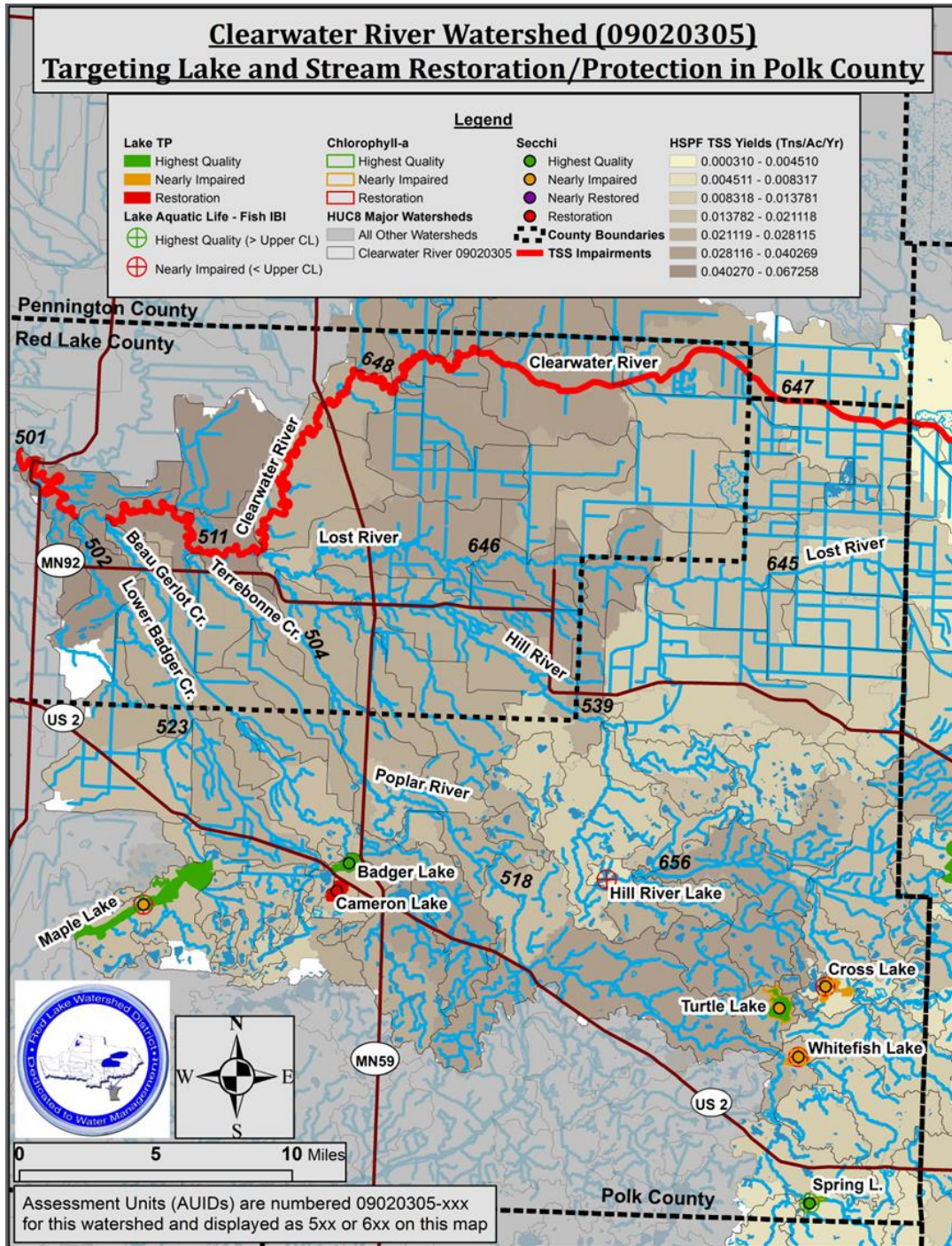


	CD 1
	CD 1 Outlet Channel Stabilization
	Section Boundary
	Major Roadway
	Minor Roadway
	Railroad

RED LAKE WATERSHED DISTRICT MONTHLY WATER QUALITY REPORT

August 2018

- District staff helped the East Polk SWCD with a Clean Water Fund application to install water and sediment control basins (WASCOBs) in the Clearwater River watershed. The installations will be targeted in the drainage areas of impaired and nearly-impaired lakes to reduce sediment and nutrient runoff. The RLWD Board of Managers approved a contribution of cost-share funding to the project.



RED LAKE WATERSHED DISTRICT MONTHLY WATER QUALITY REPORT

August 2018

- The Pennington SWCD board approved funds to hire a company to televise (inspect with video equipment) the underground portions of Chief's Coulee to identify sources of the water quality problems that have been found in that drainageway. Obstacles prevented the complete inspection of the pipes. There were locations where the pipe had caved-in. The pipe was also rusted out on the bottom causing the robot to get stuck in a few spots. The inspection didn't reveal point sources along the portions of the pipe that were televised. The pipe is getting replaced in the spring.
- The Pennington SWCD also moved forward with hiring a consultant to complete a geotechnical survey of a potential streambank stabilization project at Hartz Park in Thief River Falls.
- The Red Lake River Watershed was selected for participation in the Clean Water Act Section 319 Small Watersheds Program.
- International Water Institute monitoring staff reported that contractors were in the process of clearing trees and excavating banks along the Mud River, upstream of the Highway 89 crossing.



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.

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.

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