

# RED LAKE WATERSHED DISTRICT

Tuesday, November 27, 2018

## Agenda

9:00 a.m.

9:00 a.m.	Call to Order	Action
	Review and approve agenda	Action
	Requests to appear	Information
	November 8, 2018 Minutes	Action
	Financial Report dated November 26, 2018	Action
	Little Pine Lake WMA Structure, RLWD Project No. 26A Pay Estimate No. 2-Red Lake Builders, Inc.	Action
	JD 72, RLWD Project No. 41-Joint Ditch Meeting	Information
9:15 a.m.	Clearwater SWCD-Chester Powell	Info./Action
	Black River Impoundment, RLWD Project. 176 Land Rental	Information Action
	Thief River Falls West Side FDR Project No. 178	Information
	Red Lake River 1W1P, RLWD Project No. 149	Information
	BWSR-Board Applications	Information
	Autocad Civil 3D Renewal	Action
	Table RLWD Permit No. 18148, Ray Kvalvog	Action
	RLWD Permit No. 18126, Pat Wichterman-Violation	Information
	Administrators Update	Information
	Legal Counsel Update	Information
	Managers' updates	Information
	Adjourn	Action

### UPCOMING MEETINGS

Nov. 29-Dec. 1, 2018	MAWD Annual Meeting, Alexandria
December 13, 2018	RLWD Board Meeting, 9:00 a.m.
December 27, 2018	RLWD Board Meeting, 9:00 a.m.
December 25, 2018	Office Closed-Christmas
Jan. 15-17, 2019	Red River Basin Land & Water International Summit Conference, Grand Forks
February 14, 2019	Drainage and Water Conference-Rinke Noonan
March 20-21, 2019	Joint Annual RRWMB & FDRWG Conference, Moorhead

# DRAFT

RED LAKE WATERSHED DISTRICT  
Board of Manager's Minutes  
November 8, 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, Absent: Les Torgerson, and LeRoy Ose. Staff Present: Myron Jesme and Tammy Audette and Legal Counsel, Delray Sparby.

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

The Board reviewed the October 25, 2018 minutes. Motion by Sorenson, seconded by Page, to approve the October 25, 2018 Board meeting minutes as presented. Motion carried.

The Board reviewed the Financial Report dated November 7, 2018. Motion by Dwight, seconded by Tiedemann, to approve the Financial Report November 7, 2018 as presented. Motion carried.

Discussion was held on the Thief River Falls Westside Flood Damage Reduction Project, RLWD Project No. 178, landowner meeting that was held on October 29, 2018 at the District office. Engineer Nate Dalager, HDR Engineering, Inc., discussed the potential development of a Watershed Management District that would assess charges to properties within the boundaries agreed to during the public hearing. Dalager indicated that at the public hearing, the District would have to present how the properties would be assessed under a proposed Watershed Management District.

Darren Carlson, Marshall County SWCD, stated that in 2017 the SWCD installed side water inlet (SWI) culverts within the District's boundary which were in part, funded with the assistance from the District's Erosion Control Funds, RLWD Project No. 164. Carlson requested additional funding from the 2018 Erosion Control Funds, RLWD Project No. 164, in the amount of \$12,500 to assist in the design of the structures and installation of SWI culverts located within the District's boundary. Motion by Tiedemann, seconded by Page, to approve cost share in the amount of \$12,500 to assist in the design and installation of side water inlet culverts for the Marshall County SWCD from the 2018 Erosion Control Funds, RLWD 164. Motion carried. Administrator Jesme discussed the installation of SWI culverts, and the use of NRCS Specifications and Standards. Motion by Dwight, seconded by Page, to include that the side water inlet culverts shall be installed to NRCS Specifications and Standards. Motion carried, with Manager Tiedemann opposed.

Engineer Mike Flaagan, Pennington County Highway Department, discussed the Mark Boulevard Bridge Corridor Project, that would include the construction of a new bridge and roundabout, within the area of the Challenger Ditch, RLWD Project No. 122. Flaagan stated that

due to the proposed alignment of the bridge, the Challenger Ditch would need to be realigned to the south side of the road. Flaagan noted that there would be no change in drainage capacity but a retro fit to the existing drop structures would be installed near the outlet due to a portion of the road going down the hill which would be lower than the ditch, therefore a 72" culvert will need to be installed upstream of the outlet/drop structures. Administrator Jesme discussed his concern for future maintenance due to the installation of the 72" RCP and who would be responsible for the maintenance. Legal Counsel Sparby stated that the District would need to hold a hearing for the ditch system to change the alignment of the ditch, and that as part of the hearing process, maintenance on the culvert would be addressed. Flaagan stated that the county is looking at construction in July 2019.

Engineer Tony Nordby, Houston Engineering, Inc. (HEI), stated that recent correspondence from the U.S. Army Corps of Engineers (Corps) for the Black River Impoundment, RLWD Project No. 176, indicated that the Corps found nine locations of wetlands that they would have jurisdiction over. HEI is currently working on the wetland banking preliminary design, storm water prevention plans and specifications. Nordby will present an Engineer's opinion of probable cost at the next Board meeting. Discussion was held on potential funding for the project. Administrator Jesme stated that at this point, he is of the understanding that DNR is not going to request a bonding bill next session, as it is not a bonding year. Jesme added that the RRWMB, at their last meeting, indicated that they would be willing to submit a request for funding for FDR projects in the Red River Valley, through special bonding or other avenues available. Jesme discussed the importance of having a shovel ready project. It was noted that at this point, the RRWMB has not agreed to fund projects that have not been matched with State funding. Jesme stated that if State funding is received in 2019, an executed grant agreement would not be received until late September, early October 2019. Discussion was held on the rental of agricultural land the District purchased for construction of the proposed impoundment. The current renter, Nick Knott, is interested in renting the land in 2019, but has requested a decrease of rent from \$72 per acre to \$65. The renter is also requesting that the District allow the planting of soybeans, which would require the District to remove the September 30<sup>th</sup> harvest date from the rental agreement. After considerable discussion, it was the consensus of the Board, to authorize Administrator Jesme to contact Mr. Knott to inform him that seeding soybeans would be allowable and that the District declined to lower the rental rate. If Mr. Knott would like a lower rental rate, it was the consensus of the Board that the District should once again solicit quotes for the 2019 planting season.

The Red Lake River 1W1P, RWLD Project No. 149, Policy Committee meeting will be held on December 19, 2018 at the District office in conjunction with a Plan Amendment Hearing. The Planning Work Group will gather all comments and submit them to BWSR, prior to the BWSR Northern Planning meeting on January 2, 2019. Administrator Jesme will present of a timeline of the process at the November 27, 2018 meeting.

The Thief River 1W1P, RLWD Project No. 149A, Policy and Advisory Committee will meet on November 14, 2018 in Grygla.

Administrator Jesme met with staff from Polk County and the Viewers for the redetermination of benefits for Judicial Ditch 72, RLWD Project No. 41 and State Ditch No. 61. Jesme stated that staff will present a proposal to the Joint Ditch 72 Board, to separate most of the JD 72 ditch systems in Polk County and combine them with State Ditch No. 61, as they don't have a common outlet. The Joint Ditch 72 Board would be abolished, with the District solely have the jurisdiction of Judicial Ditch 72. The Joint Ditch 72 Board will meet on November 20<sup>th</sup> in Crookston to discuss this matter.

The Board reviewed the NRCS Maintenance Inspection report for the BR-6 Impoundment, RLWD Project No. 43A. The report indicated that the impoundment was found to be in good shape.

Administrator Jesme stated that the District is waiting for BWSR's determination on enforcement and penalties for the Buffer Law Implementation. Legal Counsel Sparby stated that he made several edits to the document that the Board had approved prior. The final document will be submitted to BWSR.

The Board reviewed the permits for approval. Motion by Page, seconded by Dwight, to approve the following permits, with conditions stated on the permit: No. 18149 and 18150, Dennis Schultz, Belguim Township, Polk County; No. 18151, Dennis Schultz, Euclid Township, Polk County; No. 18152, Bill Pahlen, Brandt Township, Polk County; No. 18153, Pennington County Highway Department, North Township, Pennington County; No. 18154, Mike Harmoning, Gervais Township, Red Lake County; and No. 18155, Belguim Township, Polk County.

Rinke-Noonan will hold a Drainage and Water Conference in St. Cloud on November 14, 2019.

Administrators update:

- Manager Ose will attend the RRWMB in Crookston on November 20, 2018. Jesme will attend the RRWMB meeting, after he participates in the JD 72 Joint Board meeting.
- Jesme participated in a special City of TRF Council meeting on October 31<sup>st</sup> with MnDOT, City of TRF Police and Utility Departments to discuss various projects that will be completed in the City of Thief River Falls, which includes the TRF Westside FDR Project.
- The Red Lake River 1W1P Planning Work Group met on November 1<sup>st</sup> to discuss the PTMApp Grant, projects listed in the approved Workplan, MPCA 319 Grant and Pennington County Ditch 96 outlet repair project.
- The Thief River 1W1P meeting that was cancelled on October 10<sup>th</sup> due to weather, has been rescheduled for November 14<sup>th</sup> in Grygla. The Planning Work Group held a conference call on November 2<sup>nd</sup> to review the budget, Section 4, Water Management District and Section 5.
- Included in the packet was a newsletter from BWSR featuring an article referred to as SWCD Managers Collaborate to Solve Problems, Save Money.

- Included in the packet was information on a retirement party on December 14th for Dan Wilkens from the Sandhill River Watershed District.
- Included in the packet was the RRWMB 2017 Annual Report.

Legal Counsel Sparby stated that the notice the District received for a Scheduling Conference from the Four-Legged Lakes Landowners and Affected Taxpayers is done by telephone conference. Sparby will request to have the issue dismissed. Discussion was held on an email received from landowner Patty Olson regarding current water levels on her property. The outlet for the basin on Olson's property is plugged with bog and a beaver dam and appears to be located upstream of the legal drainage system. Legal Counsel Sparby indicated that maintenance upstream of the system would not be allowable under statute, as it would constitute an improvement or lateral. Administrator Jesme stated that he advised Olson to contact the MnDNR for their assistance.

Manager Tiedemann inquired about the wetland infraction the District received from Clearwater County. Administrator Jesme stated that he has briefly talked to the area hydrologist for the MnDNR and with BWSR staff in regard to the origin of the letter.

Manager Nelson stated that he submitted his reappointment letter for an additional 3-year term to the Pennington County Commissioners.

Manager Dwight stated that he has questions on the terminology of the Gallagher (Fox Lawson Study). Legal Counsel Sparby will organize a meeting with the Budget and Salary Committee and Gallagher prior to the next meeting.

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

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LeRoy Ose, Secretary

**RED LAKE WATERSHED DISTRICT**  
**Financial Report for November 26, 2018**

<b>Ck#</b>	<b>Check Issued to:</b>	<b>Description</b>	<b>Amount</b>
online	EFTPS	Withholding for FICA, Medicare, and Federal taxes	\$ 3,366.93
online	MN Department of Revenue	Withholding taxes	616.94
online	Public Employees Retirement Assn.	PERA	2,258.58
online	EFTPS	Withholding for FICA, Medicare, and Federal taxes	84.14
online	EFTPS	Withholding for FICA, Medicare, and Federal taxes	3,279.47
online	MN Department of Revenue	Withholding taxes	595.79
online	Public Employees Retirement Assn.	PERA	2,212.39
37157	Cenex Credit Card	Gas for vehicles	423.56
37158	Delta Dental	Dental insurance premium	409.75
37159	Digi-Key Corporation	Cable assembly for computer	16.00
37160	Dyrdahl Construction, Inc.	Excavator - Four Legged Lake	1,350.00
37161	Jeffrey Franson	Mileage for TR1W1P	45.23
37162	Further	FSA account fees	8.85
37163	Garden Valley Technologies	Telephone system maintenance	125.25
37164	HDR, Inc.	*See below	7,020.74
37165	Houston Engineering, Inc.	Black River Impoundment engineering fees	13,474.00
37166	Curtis Hunt	Mileage for TR1W1P	103.55
37167	Lakes Concrete Plus, Inc.	Top soil and surcharge for Blackduck Lake Outlet project	1,300.00
37168	Maple Lake Improvement District	Reimb.Lab analysis of water samples from RMB Environ.Labs	380.00
37169	Marco	3 computers/hard drives w/access.& monthly copier maint.	3,429.68
37170	Marshall Co. Environmental Services	Reimburse for TR1W1P expenses	475.74
37171	Steven Marsh	6 Beaver from Clearwater River	450.00
37172	MCI	Long distance telephone expense	53.39
37173	Dale M. Nelson	Mileage	37.06
37174	Northern Technologies	Geotechnical exploration & Eng. Review-RLWD Ditch 16	3,000.00
37175	Northwest Beverage, Inc.	H2O for office	63.25
37176	Northwestern Mutual Financial	Deferred Compensation	484.84
37177	LeRoy Ose	Mileage	289.93
37178	Pennington SWCD	Reimburse for TR1W1P expenses	81.78
37179	Rinke Noonan	Monthly legal services retainer	200.00
37180	Darrold Rodahl	Mileage for TR1W1P	27.25
37181	TRF Hardware	Fasteners for culvert markers	9.90
online	Cardmember Services	**See below for explanation	1,929.40
online	Further	Medical FSA	148.99
online	Aflac	Staff paid insurances	613.46
direct	Al Page	Mileage	56.68

**Payroll**

Check #11541 -11549 & 7441 11,439.62

**Total Checks** \$ 59,862.14

**\*HDR, Inc.**

Proj. 26 Pine Lake FDR 4,399.50

Proj. 26A Little Pine Lake 1,272.78

Proj. 121 Louisville Parnell Imp. 1,348.46

**TOTAL** 7,020.74

**\*\*Cardmember Services**

AT&T-Cell phone expense 276.19

HP Computer/hard drive & accessorie 1,447.08

Walmart-Bldg. cleaning supplies 167.58

Sportsman's Lodge-Meals 38.55

**TOTAL** 1,929.40

**Financial Institutions:**

**Northern State Bank**

Balance as of November 7, 2018	\$ 101,793.57
Total Checks Written	(59,862.14)
Receipt #414436 Transfer in from American Federal Bank	<u>50,000.00</u>
Balance as of November 26, 2018	<u><u>\$ 91,931.43</u></u>

**Border State Bank**

Balance as of September 30, 2018	\$ 18,180.41
Receipt #414430 Monthly interest	<u>6.18</u>
Balance as of October 31, 2018	<u><u>\$ 18,186.59</u></u>

**American Federal Bank-Fosston**

Balance as of November 7, 2018	\$ 1,740,274.85
Receipt #414436 Transfer into Northern State Bank	<u>(50,000.00)</u>
Balance as of November 26, 2018	<u><u>\$ 1,690,274.85</u></u>

## Red Lake Watershed District

as of November 27, 2018

<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)	\$ 91,931.43	0.70%		\$ 91,931.43
10020 Border State Bank (Investor savings) Thief River Falls	\$ 18,186.59	0.40%		\$ 18,186.59
10030 American Federal Bank Fosston	\$ 1,690,274.85	1.42%		\$ 1,690,274.85
10650 First National Bank-Bemidji-12 mos. CD #94230 Qtrly interest-direct deposit(1065)	\$ 200,000.00	1.05%	12/12/2018	\$ 200,523.55
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, Charotte, NC monthly interest payment via ACH	\$ 200,000.00	1.95%	3/5/2019	\$ 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	\$ 201,062.33	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
10890 RiverWood Bank-Bemidji (Bagley) Interest paid at maturity	<u>\$ 200,000.00</u>	2.35%	11/8/2019	<u>\$ 204,700.00</u>
	<u>\$ 4,401,455.20</u>			<u>\$ 4,432,936.42</u>





# Engineer's Certificate of Substantial Completion

Project Name: RLW D Little Pine Lake WMA Outlet Replacement Project	HDR Project No: 10022560
Project Owner: Red Lake Watershed District	Owner's Project No:
Project Contractor: Red Lake Builders Inc.	Date of Contract: 7/23/2018

This Certificate of Substantial Completion Applies to:

All work under the Contract Documents.  The following specific portions:

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November 14, 2018

Date of Substantial Completion

The Work performed under this Contract has been reviewed and found to be substantially complete. The Date of Substantial Completion of the Project or portion thereof designated above is hereby declared and is also the date of commencement of applicable warranties required by the Contract Documents, except as stated below.

A list of items to be completed or corrected, is attached hereto. The failure to include any items on such list does not alter the responsibility of the Contractor to complete all Work in accordance with the Contract Documents. The date of commencement of warranties for items on the attached list will be the date of final payment unless otherwise agreed to in writing.

The responsibilities between OWNER and CONTRACTOR for security, operation, safety, maintenance, heat, utilities, insurance and warranties shall be provided in the Contract Documents except as amended as follows:

Amended Responsibilities  Not Amended

Owner's Responsibilities:

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Contractor's Responsibilities:

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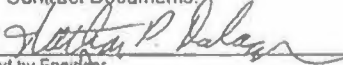


The following documents are attached to and made part of this certificate:

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This certificate does not constitute an acceptance of Work not in accordance with the Contract Documents nor is it a release of Contractor's obligation to complete the Work in accordance with the Contract Documents.

Executed by Engineer		Date	11/14/2018
Accepted by Contractor		Date	11/14/18
Accepted by Owner		Date	11-14-18

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

ESTIMATE NUMBER: 2  
 PROJECT NAME: Little Pine Lake Wildlife Management Area- Outlet Structure Replacement  
 OWNER: Red Lake Watershed District  
 CONTRACT AMOUNT: \$119,220.00  
 CONTRACTOR: Red Lake Builders, Inc

DATE: 11/14/2018  
 HDR PROJECT NUMBER: 10022580  
 CONTRACT DATE: 8/27/2018  
 CONTRACT COMPLETION DATE: 8/31/2018

ITEM NO.	SPEC. NO.	DESCRIPTION	UNIT	CONTRACT QUANTITY	UNIT PRICE	Bid Price	QUANTITY COMPLETED			PERCENT COMPLETE	CURRENT ESTIMATE AMOUNT	TOTAL TO DATE AMOUNT	
							PREV.	CURRENT	TOTAL				
1	2022	Mobilization	LS	1	\$9,500.00	\$9,500.00	1.00	0.00	1.00	100.00%	\$0.00	\$9,500.00	
2	2052	Restoration & Maintenance of Haul Roads	LS	1	\$7,500.00	\$7,500.00	1.00	0.00	1.00	100.00%	\$0.00	\$7,500.00	
3	2102	Dewatering	LS	1	\$8,300.00	\$8,300.00	1.00	0.00	1.00	100.00%	\$0.00	\$8,300.00	
4	2105	Remove 36" CS Pipe Culvert	LF	80	\$25.00	\$2,000.00	80.00	0.00	80.00	100.00%	\$0.00	\$2,000.00	
5	2105	Remove 60" CS Pipe Riser and Concrete Slab	LS	1	\$8,100.00	\$8,100.00	1.00	0.00	1.00	100.00%	\$0.00	\$8,100.00	
6	2105	Remove 9'x12'x1' Concrete Slab	LS	1	\$8,100.00	\$8,100.00	1.00	0.00	1.00	100.00%	\$0.00	\$8,100.00	
7	2106	Salvage & Re-attach 36" CS Tee Outlet Structure	LS	1	\$4,300.00	\$4,300.00	0.50	0.50	1.00	100.00%	\$2,150.00	\$4,300.00	
8	2106	Water Control Structure	LS	1	\$57,000.00	\$57,000.00	0.00	0.10	1.00	100.00%	\$5,700.00	\$57,000.00	
9	2108	Random Riprap, Class II	CY	58	\$75.00	\$4,350.00	58.00	0.00	58.00	100.00%	\$0.00	\$4,350.00	
10	2108	Random Riprap Class V	CY	45	\$100.00	\$4,500.00	45.00	0.00	45.00	100.00%	\$0.00	\$4,500.00	
11	2119	Flotation Silt Curtain	LF	110	\$20.00	\$2,200.00	110.00	0.00	110.00	100.00%	\$0.00	\$2,200.00	
12	2124	Turf Establishment	LS	1	\$3,370.00	\$3,370.00	1.00	0.00	1.00	100.00%	\$0.00	\$3,370.00	
											\$119,220.00		
											Subtotals	\$7,850.00	\$118,220.00

**FIELD ORDERS**

1						\$0.00	0.0	0.0	0.0		\$0.00	\$0.00	
2						\$0.00	0.0	0.0	0.0		\$0.00	\$0.00	
											Subtotals	\$0.00	\$0.00

**CHANGE ORDERS**

1		Mayo Rusten 30" CS Pipe Installation	LS	1.00	\$3,825.00	\$3,825.00	1.0	0.0	1.0		\$0.00	\$3,825.00	
											Subtotals	\$0.00	\$3,825.00

Totals **\$7,850.00** **\$123,045.00**

SUMMARY:	
Total of Work to Date	\$ 123,045.00
Less 0% Retainage	\$ -
Amount Paid on Previous Payments	\$ 103,875.50
Amount Due this Estimate	\$ 19,389.50
Percentage of work completed	103.2%
Total Payments to Date:	\$ 123,045.00
Original Contract Amount Due	\$ 119,220.00
Additional Contract Quantities	\$0.00
Total of Field Orders	\$0.00
Total of Change Orders	\$3,825.00
Total Estimated Contract Costs	\$ 123,045.00

RECAP OF PREVIOUS PAYMENTS:		
EST#	DATE	PAYMENT AMOUNT
1	8/30/2018	\$ 103,875.50
2		\$ -
3		\$ -
4		\$ -
5		\$ -
6		\$ -
TOTAL		\$ 103,875.50

I concur that there are no pending changed condition claims as of this date of this pay estimate ED (Initial)  
 Approved by Contractor: Red Lake Builders, Inc.

Date: 11-14-18

Signature: [Signature]

I concur that there are no pending changed condition claims as of this date of this pay estimate MB (Initial)  
 Approved by Engineer: Nate Dalager, P.E./HDR Engineering, Inc.

Date: 11/14/18

Signature: [Signature]

Approved by RLWD Administrator, Myron Jeanie

Date: 11-14-18

Signature: [Signature]

Retainage Reduced to 0% on this estimate.

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

ESTIMATE NUMBER: 2  
 PROJECT NAME: Little Pine Lake Wildlife Management Area- Outlet Structure Replacement  
 OWNER: Red Lake Watershed District  
 CONTRACT AMOUNT: \$119,220.00  
 CONTRACTOR: Red Lake Builders, Inc

DATE: 11/14/2018  
 HDR PROJECT NUMBER: 10022560  
 CONTRACT DATE: 6/27/2018  
 CONTRACT COMPLETION DATE: 8/31/2018

ITEM NO.	SPEC. NO.	DESCRIPTION	CONTRACT UNIT	QUANTITY	UNIT PRICE	Bid Price	QUANTITY COMPLETED			PERCENT COMPLETE	CURRENT ESTIMATE AMOUNT	TOTAL TO DATE AMOUNT	
							PREV.	CURRENT	TOTAL				
1	2022	Mobilization	LS	1	\$9,500.00	\$9,500.00	1.00	0.00	1.00	100.00%	\$0.00	\$9,500.00	
2	2052	Restoration & Maintenance of Haul Roads	LS	1	\$7,500.00	\$7,500.00	1.00	0.00	1.00	100.00%	\$0.00	\$7,500.00	
3	2102	Dewatering	LS	1	\$8,300.00	\$8,300.00	1.00	0.00	1.00	100.00%	\$0.00	\$8,300.00	
4	2105	Remove 36" CS Pipe Culvert	LF	80	\$25.00	\$2,000.00	80.00	0.00	80.00	100.00%	\$0.00	\$2,000.00	
5	2105	Remove 60" CS Pipe Riser and Concrete Slab	LS	1	\$8,100.00	\$8,100.00	1.00	0.00	1.00	100.00%	\$0.00	\$8,100.00	
6	2105	Remove 9'x12'x1' Concrete Slab	LS	1	\$8,100.00	\$8,100.00	1.00	0.00	1.00	100.00%	\$0.00	\$8,100.00	
7	2106	Salvage & Re-attach 36" CS Tee Outlet Structure	LS	1	\$4,300.00	\$4,300.00	0.50	0.50	1.00	100.00%	\$2,150.00	\$4,300.00	
8	2106	Water Control Structure	LS	1	\$57,000.00	\$57,000.00	0.90	0.10	1.00	100.00%	\$5,700.00	\$57,000.00	
9	2106	Random Riprap, Class II	CY	58	\$75.00	\$4,350.00	58.00	0.00	58.00	100.00%	\$0.00	\$4,350.00	
10	2106	Random Riprap Class V	CY	45	\$100.00	\$4,500.00	45.00	0.00	45.00	100.00%	\$0.00	\$4,500.00	
11	2119	Flotation Silt Curtain	LF	110	\$20.00	\$2,200.00	110.00	0.00	110.00	100.00%	\$0.00	\$2,200.00	
12	2124	Turf Establishment	LS	1	\$3,370.00	\$3,370.00	1.00	0.00	1.00	100.00%	\$0.00	\$3,370.00	
											\$119,220.00		
											Subtotals	\$7,850.00	\$119,220.00

**FIELD ORDERS**

1						\$0.00	0.0	0.0	0.0		\$0.00	\$0.00	
2						\$0.00	0.0	0.0	0.0		\$0.00	\$0.00	
											Subtotals	\$ -	\$ -

**CHANGE ORDERS**

1		Mayo Rusten 30" CS Pipe Installation	LS	1.00	\$3,825.00	\$3,825.00	1.0	0.0	1.0		\$0.00	\$3,825.00	
											Subtotals	\$0.00	\$3,825.00
											<b>Totals</b>	<b>\$7,850.00</b>	<b>\$123,045.00</b>

**SUMMARY:**

Total of Work to Date	\$	123,045.00
Less 0% Retainage	\$	-
Amount Paid on Previous Payments	\$	103,675.50
<b>Amount Due this Estimate</b>	<b>\$</b>	<b>19,369.50</b>
Percentage of work completed		103.2%
Total Payments to Date:	\$	123,045.00
Original Contract Amount Due	\$	119,220.00
Additional Contract Quantities		\$0.00
Total of Field Orders		\$0.00
Total of Change Orders		\$3,825.00
Total Estimated Contract Costs	\$	123,045.00

I concur that there are no pending changed condition claims as of this date of this pay estimate \_\_\_\_\_ (Initial)  
 Approved by Contractor: Red Lake Builders, Inc.

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

I concur that there are no pending changed condition claims as of this date of this pay estimate \_\_\_\_\_ (Initial)  
 Approved by Engineer: Nate Dalager, P.E. HDR Engineering, Inc.

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

Approved by RLWD Administrator: Myron Jesme

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

**RECAP OF PREVIOUS PAYMENTS:**

EST#	DATE	PAYMENT AMOUNT
1	8/30/2018	\$ 103,675.50
2		\$ -
3		\$ -
4		\$ -
5		\$ -
6		\$ -
<b>TOTAL</b>		<b>\$ 103,675.50</b>

**Retainage Reduced to 0% on this estimate.**



## Board of Commissioners

Polk County Government Center  
612 N Broadway – Room 211  
Crookston, MN 56716-1452

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TO: POLK COUNTY BOARD OF COMMISSIONERS

FROM: Richard Sanders – County Engineer

MEETING DATE: 11-20-2018

AGENDA ITEM: Judicial Ditch 72 Board Meeting

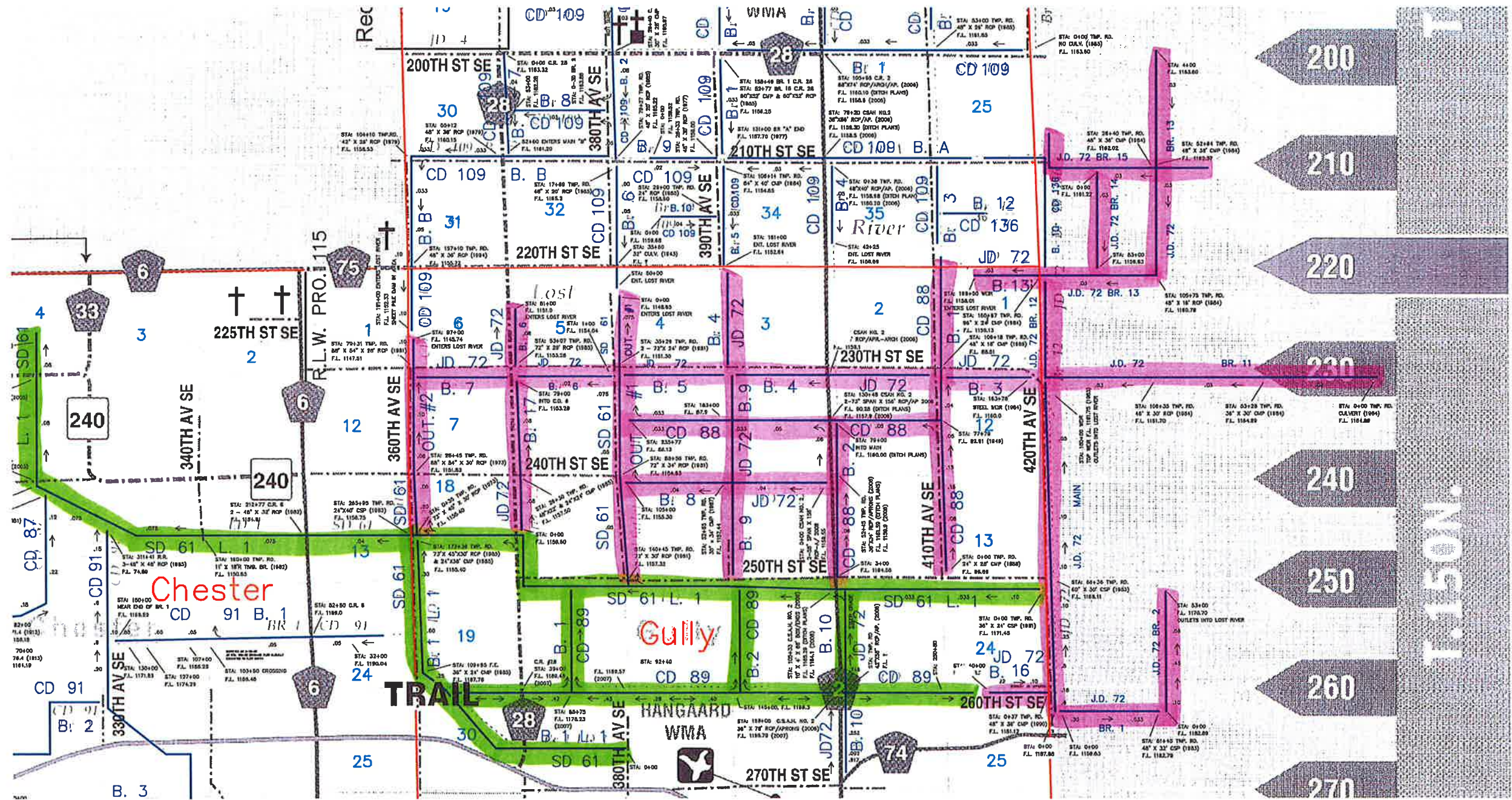
SUMMARY:

1. Review proposed split of JD 72 and State Ditch 61 that are currently having their benefits redetermined.
2. Maps will be provided a meeting
3. Agenda will be provided at meeting

ACTION REQUESTED: (INFORMATION ONLY/MOTION/RESOLUTION)

1. Consensus of board to move forward as recommended by staff.





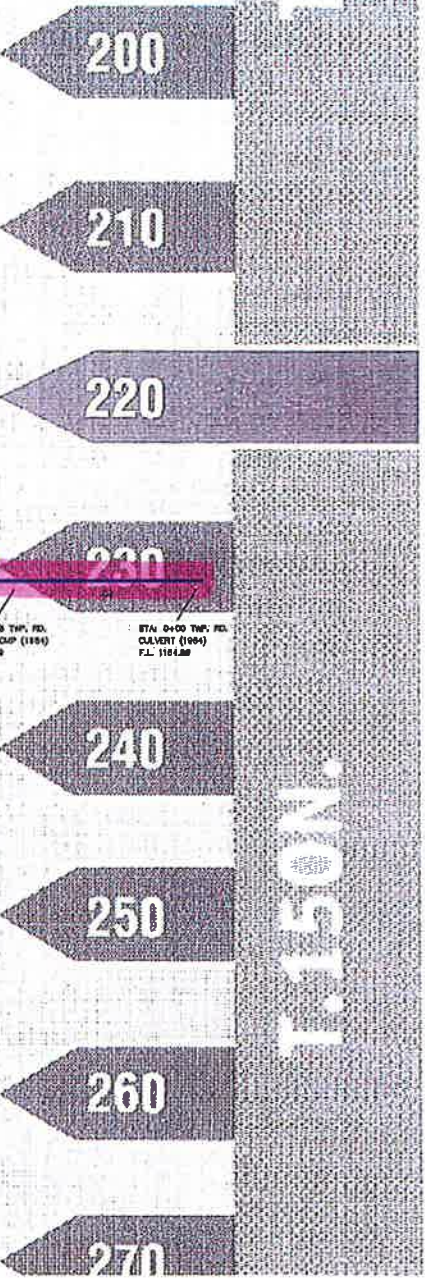
Chester

Gully

TRAIL

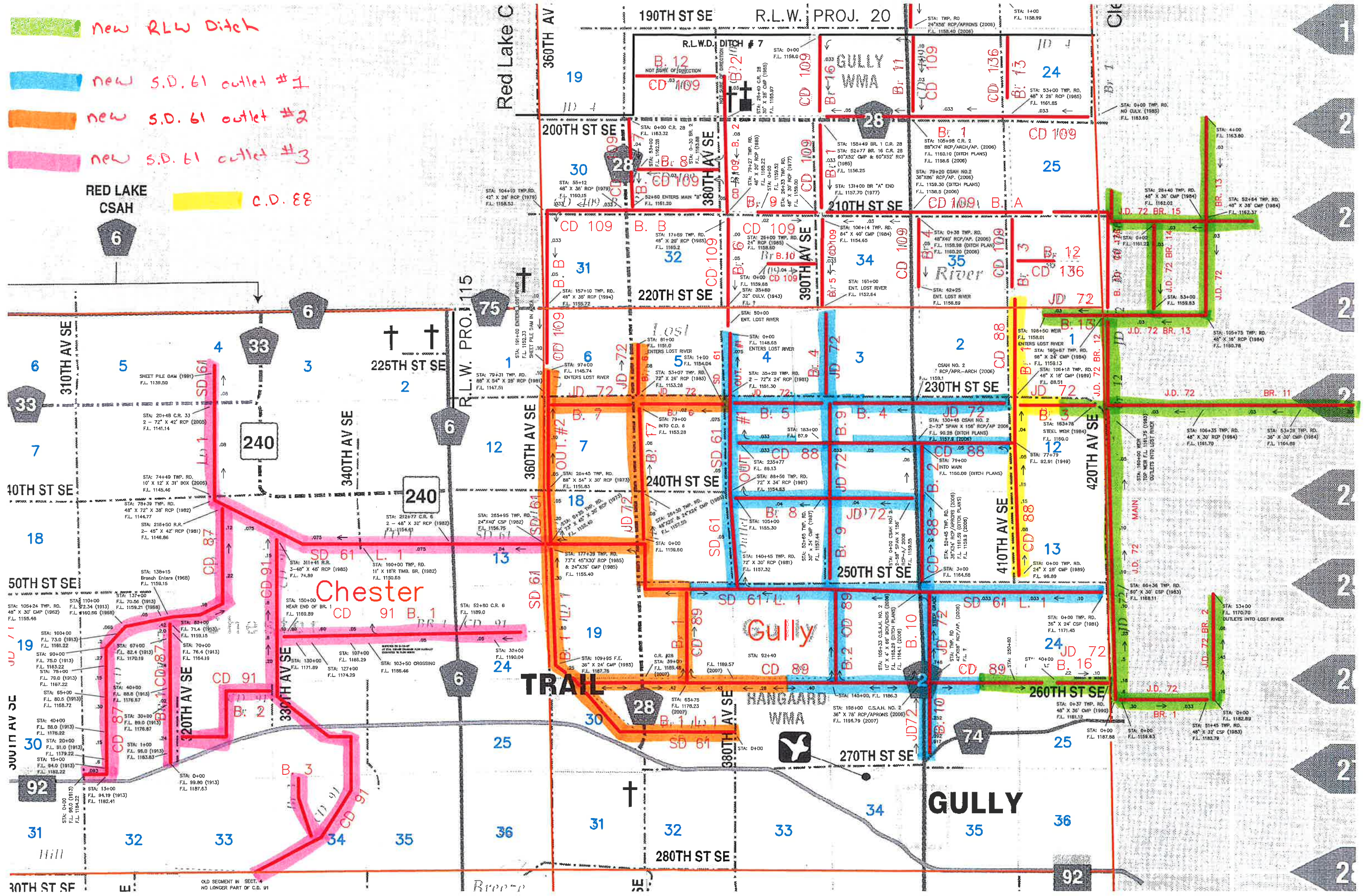
HANGAARD WMA

L. L. WILSON





- New RLW Ditch
- new S.D. 61 outlet #1
- new S.D. 61 outlet #2
- new S.D. 61 outlet #3
- C.D. 88



RED LAKE  
CSAH

Chester

TRAIL

Gully

GULLY



NO. 72

RLWD

POLK

# POLK AND CLEARWATER COUNTIES

NOTE: Strip right of way bought  
of S. Steensma  
18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

Map as revised at hearing  
June 9<sup>th</sup> 1923.





November 13, 2018

Kdeter@RinkeNoonan.com

Mr. Jody Beauchane  
Polk County Ditch Inspector  
Polk County Highway Department  
820 Old Highway 75 South  
Crookston, MN 56716

**SENT VIA EMAIL: JODY.BEAUCHANE@CO.POLK.MN.US & U.S. MAIL**

**Re: Joint Drainage Authority for Polk and Red Lake Watershed District JD 72  
Redetermination Division  
Our File No. 27898-0001**

Dear Jody:

This letter is in response to your email of November 8<sup>th</sup> concerning the process of redetermining a joint drainage system and dividing the drainage system. It is interesting that the Joint Board is made up of three County Board Members and two Watershed District Members, as that is somewhat unusual, but makes sense since Clearwater County has transferred their Drainage Authority to the Red Lake Watershed District, pursuant to Minnesota Statutes 103E.625, which I have attached.

The process for redetermining the benefits for JD #72 and for dividing the drainage system so that the portion in Polk County is under the Drainage Authority of the Polk County Board of Commissioners and the portion of Clearwater County is under the Drainage Authority of the Red Lake Watershed District is as follows:

1. Assuming the intent is to do this in one public hearing, the process would be to provide public notice of the Redetermination of Benefits hearing, pursuant to Minnesota Statutes 103E.351, which I have attached and notice of a public hearing to divide the drainage system pursuant to Minnesota Statutes 103E.801, which I have attached. They would proceed as follows:
  - a. I assume the viewers will be instructed to provide a Redetermination of Benefits Report that separates the system under the assumption that if the Redeterminations are approved, the systems will be divided. I know it seems a little bit backwards but you cannot divide a drainage system, pursuant to



Minnesota Statutes 103E.801 until after a Redetermination of Benefits under Subd. 1. Therefore, the viewers come into the public hearing knowing they are giving a report as if the system has been divided. The notice required for a Redetermination of Benefits hearing under Minnesota Statutes 103E.325, Subd. 3, is by publication, which means three (3) successive weeks, posting, and mail which must be received at least ten (10) days before the hearing. There will be an agenda that lays this all out, but the viewers will give their Redetermination Report, which will have a report for that portion in Polk County and another report for that portion in Clearwater County with Red Lake Watershed District as the Drainage Authority. Based on your email, it appears that Polk County will not be assessing into Clearwater County and Red Lake Watershed District will not be assessing into Polk County, as at least for Polk County it does not have the taxing authority to tax into Clearwater County. Theoretically, if there are portions of the Red Lake Watershed District that are in Polk County, the Red Lake Watershed District, as Drainage Authority for that portion of the ditch could assess into Polk County.

2. Assuming at the completion of the Redetermination Reports, the Joint Board approves the Redetermination Reports as presented with two separate reports, the next step under Minnesota Statutes 103E.801 would be to divide the system. This section under Subd. 3 only requires notice by publication, but the landowners will be receiving the same notice for the Redetermination so they will also be getting it by mail. As part of the agenda for that portion of the hearing, the Board can divide the system if it determines that: (1) it is consistent with the Redetermination of the benefitted areas of drainage system, (2) would provide for the efficient administration of the drainage system, and (3) would be fair and equitable.
3. Once the Joint Board divides the system, just to make sure we have covered all basis, we will make Findings of Fact and Order specifically, namely Polk County as the Drainage Authority for the part that is divided that is in Polk County, and the Red Lake Watershed District, the Drainage Authority for that portion that is in Clearwater County. We also will specifically make Findings that the Joint Board is disbanded as there is no longer any jurisdiction to have the Joint Board as the system has been divided. We will also rename the two systems.
4. Cost of Redetermination is paid for by the new list of benefits and damages under the Redetermination Reports. Since they are being done at the same time, we should be able to determine, for example, if Polk County has 60% of the benefits and the portion in Clearwater County has 40% of the benefits, the landowners in Polk County will pay 60% of the cost of Redetermination, and the landowners in Clearwater County will pay 40% of the cost of Redetermination. I don't know if JD #72 has a negative or a positive balance or will be at zero, but we will have to

Jody Beauchane  
November 13, 2018  
Page 3

address that issue also as to how any outstanding debt will be paid or how any outstanding positive balance would be divided.

Everything that you are contemplating can be done and is simply that we need to provide the proper notices, along with including at least the page of the landowners involved with their mailing so they can see the Redetermination Report as to their property. In addition, we will have to have a specific agenda done in the correct order so that we cover all the bases and have Findings of Fact and Orders that accomplish your goals. If I have misunderstood anything or you would like to discuss it further, please contact me. I would be happy to help in any way with the notices, agenda or appearance at the hearing if that will be beneficial.

Very Truly Yours,



---

Kurt A. Deter  
KAD/cmt

Attachment

Minn. Stat. 103E.625  
Minn. Stat. 103E.351  
Minn. Stat. 103E.801

cc: Michelle Cote (via email)  
Rich Sanders (via email)

**Black River Impoundment  
As of November 8, 2018**

**REVENUE:**

	<b>Explanation</b>	<b>Amount</b>	
Red River Watershed Mgmt. Board	Project Work Team Reimbursements	57,983.37	
Miscellaneous	Nick Knott-land rent	28,528.56	
<b>Total Revenue</b>			<b>86,511.93</b>

**EXPENSES:**

**Black River Impoundment Project, Proj. 176**

Board fees		1,350.00	
Board expenses		334.20	
Legal fees		4,581.00	
Professional Service/Construction	Soil borings-\$35,000 & survey &\$800	35,800.00	
Interest	does not include interest from 92A	1,935.96	
Advertising and Publications	Ads	823.90	
Options to purchase-land acq.	Options to purchase (\$10,000 ea.)	30,000.00	
Staff salaries		35,904.01	
Engineering fees		<u>643,194.49</u>	
<b>Total expenses for Black River Impoundment, Proj. 176</b>			<b><u>753,923.56</u></b>

**Project Development, Proj. 92A**

Legal fees	Closing fees, abstract & title services,etc.	6,380.89	
Advertising/Publications	Recording fees	138.00	
Land Acquisition	Swanson-1st half	326,680.00	
Land Acquisition	Swanson-2nd half	323,876.91	
Land Acquisition	Scholin	448,160.00	
Land Acquisition	Sorvig-1st half	336,712.00	
Land Acquisition	Sorvig-2nd half	<u>336,712.00</u>	
<b>Total Project Development, Project 92A</b>			<b><u>1,778,659.80</u></b>

<b>Total Black River Impoundment, Proj. 176 and Project Development, Proj. 92A</b>		<b>2,532,583.36</b>
--	--	---------------------

**BLACK RIVER IMPOUNDMENT PROJECT - RLWD PROJECT #176  
RLWD BOARD UPDATE 11-27-18**

	Proposed Budget 11-16-18 Finish Project	Houston Fees/Expenses through 11-16-18	Writeoffs to Date	Subconsultant Expenses	Houston Proposed Budget Finish Project 11- 16-18	Current Opinion of Probable Construction Cost	Project Engineering % of Construction
Engineering Through Final Design & Permitting	\$705,036.48	\$649,187.22	\$15,797.23	\$42,342.00	\$29,304.49	\$4,611,307.00	15.29%
Engineering Through Construction	\$893,266.48	\$649,187.22	\$15,797.23	\$72,342.00	\$187,534.49	\$4,611,307.00	19.37%

OPINION OF PROBABLE COST	
Total Construction Cost	\$4,611,307.00
Contingencies (5%)	\$230,565.35
Engineering (Design, Permitting, Construction)	\$893,266.48
Environmental Mitigation	\$30,000.00
Legal Costs	\$15,000.00
Utilities	\$220,000.00
Impoundment Fee Title & Flowage Easement	\$1,849,615.27
Permanent Ditch Easement, 92.7 acres @\$2050/acre	\$190,035.00
Temporary Construction Easement, 80.5 acres @ \$300/acre	\$24,150.00
<b>TOTAL PROJECT COST</b>	<b>\$8,063,940.00</b>

**Foreseeable Remaining Items Prior to Construction**

1. Finalize Engineer's Report
2. Finalize Permitting (Wetland & Dam Safety)
3. Finalize Plan/Design w/Permit Changes
4. Submit Step 3 Submittal to RRWMB for Funding
5. Update EQIP SWI's for Submittal to NRCS
6. Finalize Land Easements for Diversion Ditches
7. Establish Water Management District
8. Advertise for Bids (Pending Funding)

FUNDING BREAKDOWN						
	Scenario 1	% Breakdown	Scenario 2	% Breakdown	Scenario 3	% Breakdown
Total Project Cost	\$8,063,940.00	100.00%	\$8,063,940.00	100.00%	\$8,063,940.00	100.00%
State of MN Flood Damage Reduction Program	\$4,031,970.00	50.00%	\$4,031,970.00	50.00%	\$0.00	0.00%
RRWMB Cost	\$2,687,980.00	33.33%	\$2,615,100.00	32.43%	\$2,615,100.00	32.43%
RLWD Cost	\$1,343,990.00	16.67%	\$1,416,870.00	17.57%	\$5,448,840.00	67.57%
RRWMB Cost per Star Value - Year 2018	\$29.60		\$28.80		\$28.80	
RRWMB Cost per Star Value - Year 2000	\$20.56		\$20.00		\$20.00	

Administrators,

It's that time of year again to think about applicants for the BWSR Board. There are 4 positions open now with a 5<sup>th</sup> one opening in January. (Patty Acomb was elected to the MN House.) Jill Crafton is our current representative whose term is expiring. She is interested in reappointment, but that doesn't mean we shouldn't have other applicants apply. In the past, the Governor's Office hasn't liked to appoint without a pool of applicants to review first. Also think about who you know that would be good for the other seats on the board. Here is some additional information:

**Vacancies:**

Citizen Member (1 seat) – currently held by WD Manager Gerald Van Amburg

County Commissioner (1 Seat)

Elected City Official – Non Metro (1 Seat) – currently held by WD Manager Duane Willenbring

Watershed Dist. Rep. (1 seat) – currently held by WD Manager Jill Crafton

Elected City Official – Metro (1 seat to open in January)

**Compensation:**

\$55 per diem plus expenses

**Online Application:**

<https://commissionsandappointments.sos.state.mn.us/Position/>

Applicants are encouraged to include a cover letter and resume.

**Current BWSR Board Members and Terms:**

<http://www.bwsr.state.mn.us/aboutbwsr/boarddirectory.pdf>

**First Application Review Date:**

November 26, 2018

**Entity Powers and Duties, Activity Summary:**

The board oversees and coordinates the water and soil resources management activities of local units (counties, SWCD's, WD's, WMO's) of government through approval of local plans, administration of state grants, cost-sharing contracts, performance evaluation, and administrative appeals and hearings. Programs include RIM Reserve, local water planning and implementation, Wetlands Conservation Act, soil conservation, and clean water fund. The board's mission is to improve and protect Minnesota's water and soil resources by working in partnership with local organizations and private landowners.

**Membership:**

Membership includes three county commissioners; three soil and water conservation district (SWCD) supervisors; three watershed district (WD) or watershed management organization (WMO) representatives; two city representatives; one township representative; and three unaffiliated citizens. One member must come from each of the current soil and water conservation administrative regions throughout the state. At least three but no more than five members must come from the seven-county metropolitan area. All members must be knowledgeable of soil and water issues. Five agency members represent the University of Minnesota Extension Service, Minnesota Department of Natural Resources, Minnesota Department of Agriculture, Minnesota Department of Health, and Minnesota Pollution Control Agency.

Let me know if you have any questions.

**Emily Javens, PE | Executive Director**

MN Association of Watershed Districts (MAWD)

(612) 790-0700 office

(320) 979-0084 mobile



# Price Quotation

Quote: 4723311  
 Reference: 1384812  
 Date: 11/19/2018  
 Expires: 12/17/2018

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

From: Bryan Morse  
 DLT Solutions, LLC  
 2411 Dulles Corner Park  
 Suite 800  
 Herndon, VA 20171

Phone:  
 Fax:  
 Email: myron.jesme@redlakewatershed.org

Phone: (703) 708-9600  
 Fax: (866) 708-6705  
 Email: bryan.morse@dlt.com

#	DLT Part No.	Contract	Qty	Unit Price	Ext. Price
1	9701-1004122	OM	1	\$1,022.35	\$1,022.35
AutoCAD Civil 3D Government Single-user Annual Subscription Renewal Switched From Maintenance (Year 1)					
PoP: 1/12/2019 through 1/11/2020					

Total: \$1,022.35

Contract Number: OPEN MARKET  
 DUNS #: 78-646-8199  
 Federal ID #: 54-1599882  
 CAGE Code: 0S0H9  
 FOB: Destination  
 Terms: Net 30 (On Approved Credit)  
 DLT accepts VISA/MC/AMEX  
 DLT's standard Terms & Conditions apply



THIS QUOTE IS SUBJECT TO THE TERMS AND CONDITIONS AT <http://www.dlt.com/products/client-commercial-licenses> THAT APPLY TO THE PRODUCTS AND/OR SERVICES INCLUDED IN THIS QUOTATION. CUSTOMER IS DIRECTED TO INCORPORATE (BY REFERENCE) THIS QUOTE IN ANY RESULTING TASK/DELIVERY ORDER OR AWARD. THE TERMS OF THE AFOREMENTIONED CONTRACT ARE THE ONLY CONTROLLING TERMS AND ANY TERMS OR CONDITIONS CONTAINED IN AN ORDER, AWARD OR OTHER INSTRUMENT OF BUYER, WHICH ARE IN ADDITION TO OR INCONSISTENT WITH ANY OF THE TERMS OR CONDITIONS CONTAINED IN THOSE REFERENCED HEREIN, SHALL NOT BE BINDING ON DLT OR ITS MANUFACTURERS AND SHALL NOT APPLY UNLESS SPECIFICALLY AGREED TO IN WRITING BY DLT.

<b>PLEASE REMIT PAYMENT TO:</b>	ACH: DLT Solutions, LLC	<b>-OR-</b>	Mail: DLT Solutions, LLC
	Bank of America ABA # 111000012 Acct # 4451063799		P.O. Box 743359 Atlanta, GA 30374-3359

Customer orders subject to applicable sales tax in: CA, CO, CT, DC, FL, GA, HI, IL, IN, KS, KY, LA, MA, MD, MI, MO, MS, NC, NM, NJ, NV, NY, OH, OK, PA, RI, SC, TN, TX, VA, WA, WI



Permit # 18-148

Status Report: **Tabled**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Ray Kvalvog		323 48th Avenue SW Moorhead, MN 56560		tel:701-793-0188 mobile: fax:

**General Information**

(1) The proposed project is a:

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

(2) Legal Description

(3) County: **Red Lake** Township: **Poplar River** Range: **42** Section: **35 1/4: NE1/4, SE1/4**

(4) Describe in detail the work to be performed. **Clean 1/2 mile west side of 130th of township road ditch into ditch on County Road 7.**

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

**Status**

Status	Notes	Date
<b>Tabled</b>	<b>None</b>	<b>Nov. 27, 2018</b>
Received	None	Oct. 22, 2018

**Conditions**

**P.A. #18148 – “Table” @ 11-27-2018 mtg. I recommend this permit be “tabled” until after the 2019 Spring melt. This will allow for adequate time to observe runoff conditions, water elevations, and existing flow patterns and possible split flows. The Red Lake Watershed District (RLWD) has performed an elevation survey which is currently in review.**

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.



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

TO THE BOARD OF MANAGERS:

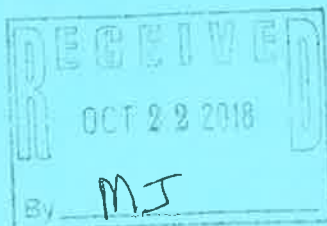
Applicant's Name: <u>Ray Kvalvog</u>		Telephone Number: <u>701-793-0188</u>	
Address (Street, RFD, Box No., City, State, Zip): <u>323 48<sup>th</sup> Ave SW Moorhead, MN 56560</u>			
Project Location: Government Lot _____		Quarter Section(s) <u>NE &amp; SE</u>	Section(s) <u>35</u>
Township (Name & #) <u>Poplar River <sup>150</sup></u>		Range # <u>R-42-W</u>	County <u>Red Lake</u>
Type of Work Proposed:			
<input type="checkbox"/> Excavate	<input type="checkbox"/> Install	<input type="checkbox"/> Channel	<input type="checkbox"/> Dike
<input type="checkbox"/> Fill	<input type="checkbox"/> Remove	<input type="checkbox"/> Culvert (Size _____)	<input type="checkbox"/> Erosion Control
<input type="checkbox"/> Drain	<input type="checkbox"/> Other	<input type="checkbox"/> Bridge (Size _____)	<input type="checkbox"/> Tile
<input type="checkbox"/> Construct	<input checked="" type="checkbox"/> Clean Ditch	<input type="checkbox"/> Dam	<input type="checkbox"/> Other

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

Description of work to be done: <u>Clean 1/2 mile of Township road ditch I believe Township 130 (dead end Road) Clean the west side of 130 up to Cty Rd. # 7</u>	
Estimated drainage area: acres _____ or sq. mile(s) _____	
Work is necessary because: <u>water does not run in ditch &amp; goes across field then back into ditch on Cty Road 7</u>	

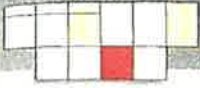
I hereby make application for a permit to proceed with the proposal described above and have attached all supporting maps, plans, and other information submitted with this application. The information submitted and statements made concerning this application are true and correct to the best of my knowledge.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

Signature of landowner: <u>[Signature]</u>	Date: <u>10-20-18</u>
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For Office Use Only P.A. No. <u>18148</u>
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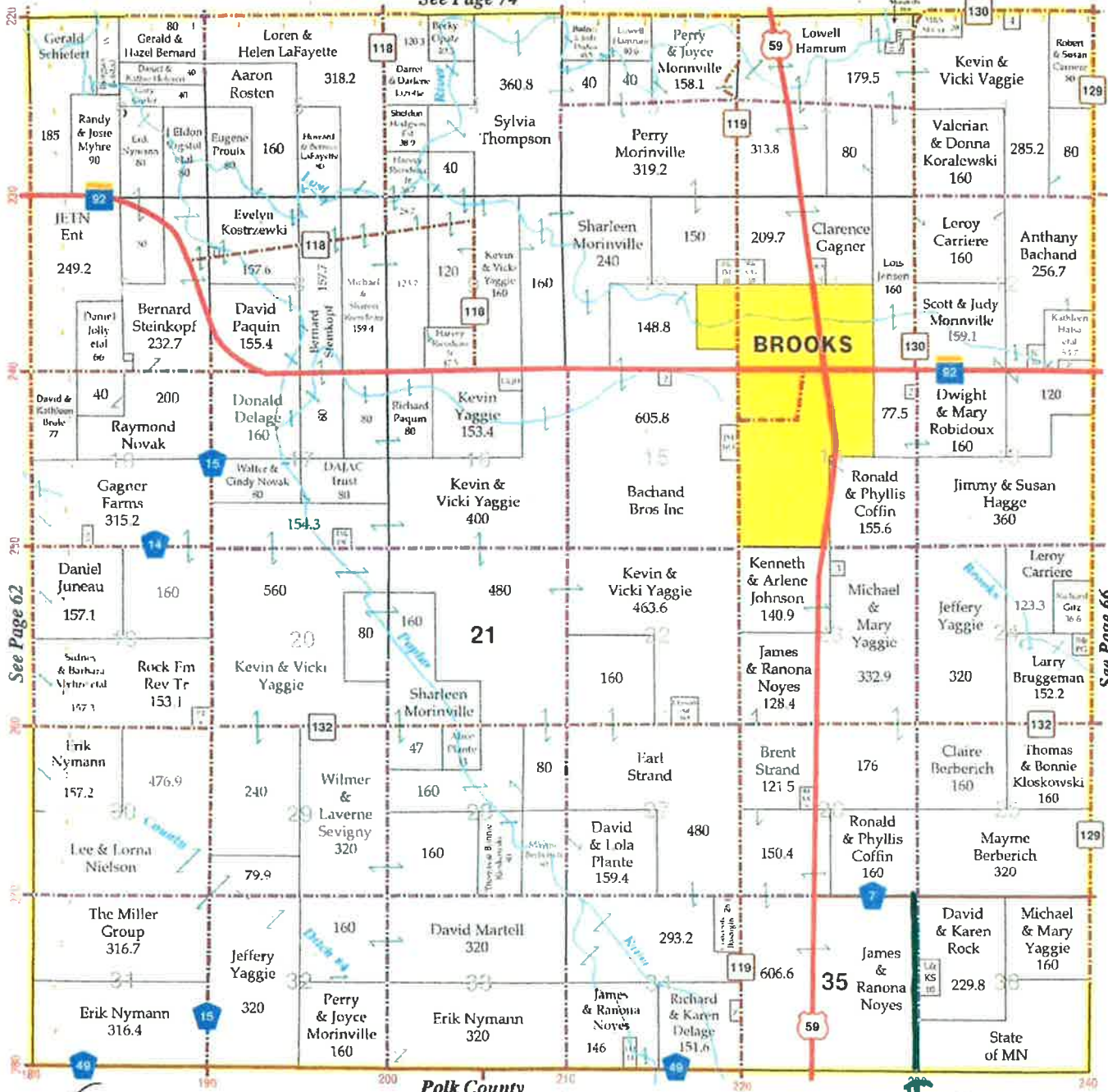


# 3. Poplar River

T.150N. - R.42W.

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See Page 74



See Page 62

See Page 66

Polk County

*(Clean westside of Dead end road up to Cty Rd. →)*

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Red Lake, MN

64

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Fax: 218-253-4270



P.A. # 18148

# Kvalvog

3 MI.  
TO  
BROOKS  
→

10-31-18-W  
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Generated with the GeoMOOSE Printing Utilities

NO RD./TRAIL  
TO SOUTH.



204 7TH STREET SE  
RED LAKE FALLS, MINNESOTA 56750

PHONE (218) 253-2697  
FAX (218) 253-2954

## RED LAKE COUNTY HIGHWAY DEPARTMENT

November 19, 2018

RE: Violation to Permit No. 18126

Red Lake Watershed Board,

At the October 3, 2018 board meeting, Mr. Pat Wichterman's tile project permit was approved (Permit No. 18126). As per the permit, if any work is within a public road and/or public road Right-of-Way, the applicant shall contact the appropriate road/dich authority. The work did include work within County right-of-way. Mr. Wicherman did not contact the county and a county permit was not issued that would grant permission to open cut County Road 124.

The applicant was in violation of the permit and I would like the board to act on this violation.

Sincerely,

Jerilyn Swenson  
Interim County Engineer

cc: Chuck Simpson, District 5 Commissioner

An Equal Opportunity Employer









RED LAKE WATERSHED DISTRICT PERMIT NUMBER 18126

In the matter of the application of: Pat Wichterman, 18497 170th Street SE, Plummer, MN 56748

Pursuant to Minnesota Statutes Chapter 103D, the Permit and Drainage Rules of the Red Lake Watershed District, and on the basis of the statement and information contained in the permit application submitted by applicant, including all letters, maps, and other supporting data furnished by applicant, all of which are made a part hereof by reference, permission is hereby granted to Pat Wichterman address for the purposes of notice and other communications pertaining to this permit is 18497 170th Street SE, Plummer, MN 56748 the purpose of doing the work applied for with the following exceptions, changes, and/or special conditions:

**The Red Lake Watershed District (RLWD) approves the pattern tile project with a 'gravity' outlet.**

**If any work is within a public road and/or public ditch Right-of-Way, applicant shall contact the appropriate road/ditch authority for their approval, and must meet their specs/conditions.**

**Directly downstream of the tile and/or pump station(s) outlets, applicant shall ensure that adequate grade and drainage is provided.**

➤ **Note: Please be aware of, and review the 'bullet points' on the bottom half of the application.**

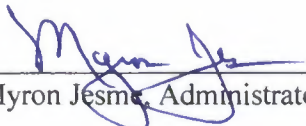
**For proposed work on lands not owned by applicant, he/she must obtain, in writing, permission from the affected landowners to perform proposed work. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166)**

This permit is granted subject to the following provisions:

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

Dated this 3 day of October, 2018.

Red Lake Watershed District

  
\_\_\_\_\_  
Myron Jesma, Administrator

P.A. No. 18126

RED LAKE WATERSHED DISTRICT  
SUBSURFACE TILE DRAINAGE APPLICATION

Date: 9-20-18

Applicant Name: PAT WICHTERMAN - 18497 170<sup>th</sup> St. SE

Contact Address: PLUMMER, MN 56748 Phone: 701-400-4496

Is applicant landowner? (Y) (N) (if no, list landowner & ph. #): \_\_\_\_\_

Name of designer: FIELD DRAINAGE INC. Phone: 218-698-4628

Name of installer: " " " Phone: " "

Legal description and site map and/or GPS coordinates to accurate scale showing location of all tiles, surface water inlets, outlet(s), lift stations, pumps, and flow control devices; (att.maps): RED LK. CO. - EMARDVILLE TWP.

Land area to be tiled (acres): \_\_\_\_\_ T-151-N, R-42-W / NW/4 SEC. 8

Type of tiling (circle)  Pattern Tile  Random Tile

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

Date proposed plan submitted: Month 9 Day 17 Year 18

Pump/lift station outlet flow capacity (GPM) \_\_\_\_\_

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

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

Signature of Owner or Authorized Agent Pat Wichter

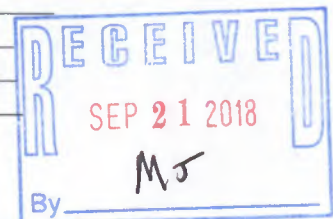
**RLWD staff use:**

Permit # 18124 Date received: 9/21/18

Drain tile outlets to: Co. Ditch 42

Legal System (Benefited Area): Co. Ditch 42

Culvert size upstream and downstream of tile outlet: See map





RED LAKE WATERSHED DISTRICT  
SUBSURFACE TILE DRAINAGE APPLICATION

Date: 9-20-18

Applicant Name: PAT WICHTERMAN - 18497 170<sup>th</sup> St. SE

Contact Address: PLUMMER, MN 56748 Phone: 701-400-4496

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Name of designer: FIELD DRAINAGE INC. Phone: 218-698-4628

Name of installer: " " " " Phone: " "

Legal description and site map and/or GPS coordinates to accurate scale showing location of all tiles, surface water inlets, outlet(s), lift stations, pumps, and flow control devices; (att.maps): RED LK. CO. - EMARVILLE TWP.

Land area to be tiled (acres): \_\_\_\_\_ T-151-N, R-42-W / NW/4 SEC. 8

Type of tiling (circle)  Pattern Tile  Random Tile

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

Date proposed plan submitted: Month 9 Day 17 Year 2018

Pump/lift station outlet flow capacity (GPM) \_\_\_\_\_

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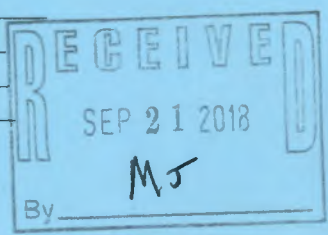
Signature of Owner or Authorized Agent Pat Wichterman

RLWD staff use:  
Permit # 18124 Date received: 9/21/18

Drain tile outlets to: CD-62

Legal System (Benefited Area): CD-62

Culvert size upstream and downstream of tile outlet: See MAP



RED LAKE WATERSHED DISTRICT

I RECOMMEND approval of this permit.

I DO NOT RECOMMEND the approval of this permit.

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

Comments: \_\_\_\_\_  
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Date 9-26-18

Signature Loren Anderson

Title Eng. Spec



RED LAKE WATERSHED DISTRICT  
SUBSURFACE TILE DRAINAGE APPLICATION

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

Applicant Name: PAT WICHTERMAN - 18497 170<sup>th</sup> St. SE

Contact Address: PLUMMER, MN 56748 Phone: 701-400-4496

Is applicant landowner? (Y) (N) (if no, list landowner & ph. #): \_\_\_\_\_

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Name of installer: " " " Phone: " "

Legal description and site map and/or GPS coordinates to accurate scale showing location of all tiles, surface water inlets, outlet(s), lift stations, pumps, and flow control devices; (att.maps): RED LK. CO. - EMARVILLE TWP.

Land area to be tiled (acres): \_\_\_\_\_ T-151-N, R-42-W / NW 1/4 SEC. 8

Type of tiling (circle)  Pattern Tile  Random Tile

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

Date proposed plan submitted: Month \_\_\_\_\_ Day \_\_\_\_\_ Year \_\_\_\_\_

Pump/lift station outlet flow capacity (GPM) \_\_\_\_\_

- All subsurface tile drainage systems must protect from erosion and include RLWD approved erosion control measures.
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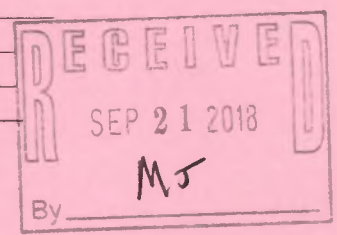
RLWD staff use:  
Permit # 18124

Date received: 9/21/18

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

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

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



RED LAKE WATERSHED DISTRICT

I RECOMMEND approval of this permit.

I DO NOT RECOMMEND the approval of this permit.

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

Comments: \_\_\_\_\_  
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Date 9-27-18

Signature Al Page

Title Mayor





Permit # 18-126

Status Report: **Approved**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Pat Wichterman		18497 170th Street SE Plummer, MN 56748		tel: mobile: 1-701-400-4496 fax:

**General Information**

(1) The proposed project is a:

**Tiling**

(2) Legal Description

(3) County: **Red Lake** Township: **Emardville** Range: **42** Section: **8 1/4: NW1/4**

(4) Describe in detail the work to be performed. **Install pattern tile with gravity outlet.**

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

**Status**

Status	Notes	Date
Approved	None	Sept. 27, 2018
Received	None	Sept. 21, 2018

**Conditions**

**P.A. #18126** The Red Lake Watershed District (RLWD) approves the pattern tile project with a 'gravity' outlet. If any work is within a public road and/or public ditch Right-of-Way, applicant shall contact the appropriate road/ditch authority for their approval, and must meet their specs/conditions. Directly downstream of the tile and/or pump station(s) outlets, applicant shall ensure that adequate grade and drainage is provided. ■ **Note: Please be aware of, and review the 'bullet points' on the bottom half of the application. For proposed work on lands not owned by applicant, he/she must obtain, in writing, permission from the affected landowners to perform proposed work. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166)**

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



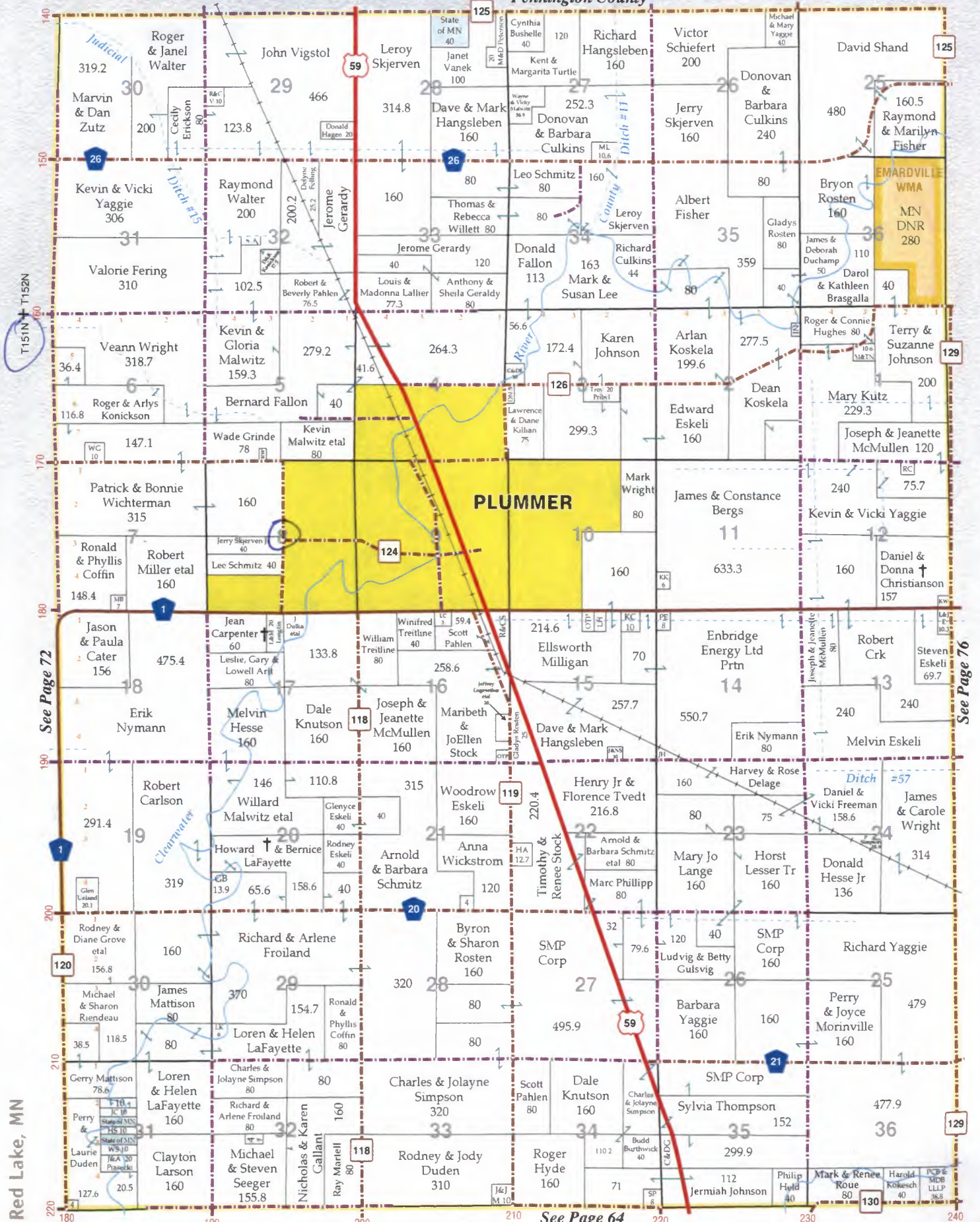


# 8. Emarville

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T.151-152N. - R.42W.

## Pennington County



Red Lake, MN

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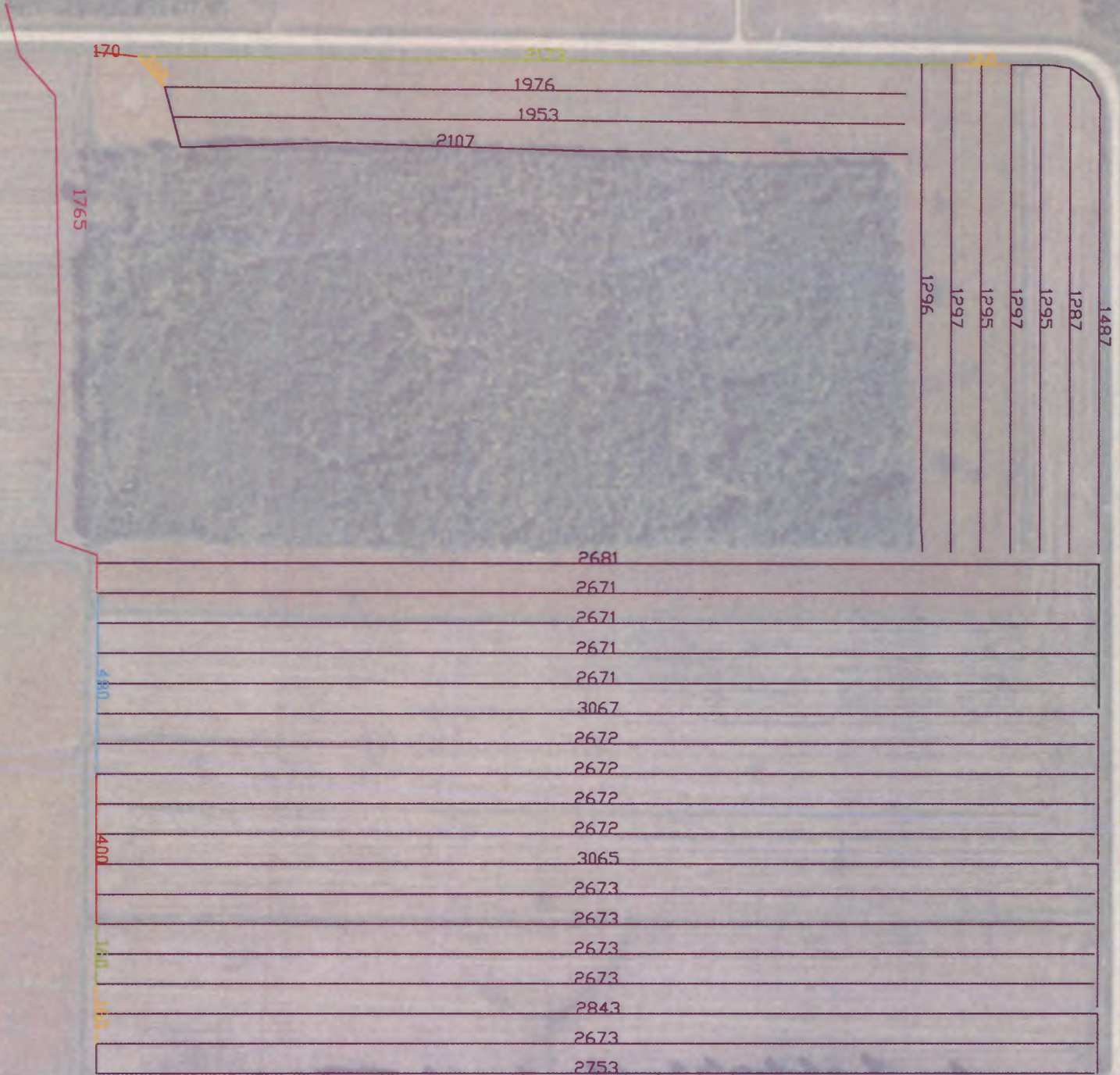
See Page 64





Pat Wichterman  
Emardville 8NW

4"	10"
5"	12" DW
6"	15" DW
8"	





# Wichterman NW 8



**RED LAKE WATERSHED DISTRICT  
DISTRICT RULE**

**Pursuant to authority granted by Minnesota Statutes section 103D.341**

**RULE XX  
ENFORCEMENT RULE**

**Adopted August 27, 2015  
Effective September 30, 2015**

1. **MANNER OF ENFORCEMENT.** In the event of a violation or threatened violation of a District rule, permit, order or stipulation, or a provision of Minnesota Statutes chapter 103D, the District may take action to prevent, correct or remedy the violation or any harm to water resources resulting from it. Enforcement action includes but is not limited to injunction; action to compel performance, abatement or restoration; and prosecution as a criminal misdemeanor in accordance with Minnesota Statutes sections 103D.545 and 103D.551.

2. **INVESTIGATION OF NONCOMPLIANCE.** The District's authorized representatives may enter and inspect a property in the watershed to determine the existence of a violation or threatened violation as described in section 1, above.

3. **ADMINISTRATIVE COMPLIANCE ORDER.** The District may issue a preliminary compliance order without notice or hearing when it finds a violation or threatened violation as described in section 1, above, and that the violation or threatened violation presents a serious threat of adverse effect on water resources. A preliminary compliance order may require that the property owner or responsible contractor cease the land-disturbing activity; apply for an after-the-fact permit; and take corrective or restorative action. A preliminary compliance order is not effective for more than ten days. The Board of Managers by resolution may delegate to District staff the authority to issue preliminary compliance orders.

A. **BOARD HEARING.** After due notice and a hearing at which evidence may be presented, the Board of Managers shall make findings. If the Board finds a violation as described in section 1, above, it may issue a compliance order of indefinite duration that may require the property owner or responsible contractor to cease land-disturbing activity; apply for an after-the-fact permit; take corrective or restorative action; reimburse the District for costs under Minnesota Statutes section 103D.345, subdivision 2; and/or be subject to any other remedy within the District's authority. A compliance order may supersede a preliminary order or may be issued without a prior preliminary order.

4. **LIABILITY FOR ENFORCEMENT COSTS.** To the extent provided for by Minnesota Statutes section 103D.345, subdivision 2, a property owner or responsible contractor is liable for investigation and response costs incurred by the District under this rule, including but not limited to the costs to inspect and monitor compliance, engineering and other technical analysis costs, legal fees and costs, and administrative expenses.

5. **CONTRACTOR LIABILITY.** Any individual, firm, corporation, partnership, association or other legal entity contracting to perform work subject to one or more District rules will be responsible to ascertain that the necessary permit has been obtained and that the work complies with the permit, rules and statutes and any applicable District orders or stipulations. A contractor that, itself or through a subcontractor, engages in an activity constituting a violation or threatened violation under section 1, above, is a

responsible contractor for purposes of this rule.

## **ENFORCEMENT**

### **Guidance to District Rule**

The Enforcement district rule advises property owners and contractors of the steps the watershed district may take to address a violation or threatened violation of a district rule, permit or other binding district requirement.

#### **1. Manner of Enforcement**

This paragraph states the scope of watershed district authority to take enforcement action, and the forms that action may take. Largely, it restates §§103D.545 and 103D.551 of the Minnesota Statutes, the two provisions of the watershed law that provide the foundation for district enforcement. In short, watershed districts may bring action to stop or prevent a violation, to require compliance and action to fix the consequences of a violation, to recover enforcement expenditures, and to charge a violation as a criminal misdemeanor. Notably, apart from a small fine that may be imposed for a misdemeanor, watershed districts do not have the authority to impose or recover a financial penalty.

Note that the paragraph refers not only to a violation of a district rule, permit, or other regulatory requirement, but also to a threatened violation. If a threatened violation does not lead to an actual violation, the district would not be entitled to an order requiring the responsible party to take action. However, if the facts are supportive, the District may issue an order, or obtain a court injunction, to stop the action that threatens violation. The proposed text allows for a district, in consultation with its legal counsel, to determine in any given case the available and preferred remedies.

#### **2. Investigation of Noncompliance**

This paragraph advises that the district's duly authorized and delegated representatives, without prior notice to or permission of the property owner, may enter land within the watershed to inspect for compliance with district rules, permits and other regulatory requirements. This re-states Minnesota Statutes §103D.335, subdivision 14, which states:

The managers may enter lands inside or outside the watershed district to make surveys and investigations to accomplish the purposes of the watershed district. The watershed district is liable for actual damages resulting from entry.

The district need not know or even suspect that a violation is occurring, nor is its authority limited to lands on which activity taking place is subject to a district permit. The statute permits entry onto any lands as the district finds appropriate in order to effectively carry out its regulatory function.

Note that the statute gives this authority to “[t]he managers.” We believe it is reasonable to read the term “managers” as meaning, more broadly, the district's representatives - managers, staff, contract personnel -



both because the term “managers” is used elsewhere in the watershed law simply to refer to the district as a whole and because, as a matter of common sense and necessity, it is not only the district managers themselves who are in the field performing regulatory inspections and oversight on behalf of the district.

The statutory authority under subdivision 14 to enter private property cannot override the U.S. and Minnesota Constitutions, and therefore is limited by the constraints those documents place on entry. Specifically, except under certain limited circumstances, district representatives cannot enter enclosed structures or outside areas that directly surround a residence and its associated structures (garage, shed, etc.). Also, while the statute authorizes entry without notice to or agreement of the landowner, a district may adopt procedures under which it limits the practice of unannounced entry for reasons such as inspector safety and landowner relations. In implementing its inspection authority, a district should coordinate closely with its legal counsel to establish its inspection procedures and practices.

### **3. Administrative Compliance Order**

Under the watershed law, a district board of managers is given the power to issue orders relating to permits and permit compliance. This authority is implemented in paragraph 4, described further below.

However, a condition that is causing or threatening harm to water resources may need attention immediately, or at least before the board of managers practically can be convened to hear a matter and issue an order. For that reason, it is desirable for district staff to be able to exercise the authority to issue an order at the time a violation is observed.

There are two concerns about staff’s issuance of legally binding orders in the field. One is a “due process” concern: that the authority of a public agency to issue a legally binding order without giving the recipient notice and a chance to be heard is legally limited. The second is that the authority to issue orders lies in the board of managers and must be specifically delegated to district staff. Historically, court cases have limited the ability of a public decision-making body to delegate its authority to staff. The law is concerned when, by doing so, the body is transferring its broad judgment and discretion to staff.

The model language attempts to address both of these concerns:

- With respect to the due process concern, the district rule requires the district to find that there is a violation or imminent violation that poses a serious water resource threat. In other words, order authority is to be exercised only when it is necessary to avert an important impact that otherwise would occur if no action could be taken until the managers were able to meet.

Also, the rule states that a staff order has effect only for ten days. The intent is that a staff order allows for harm to be prevented and the status quo to be maintained, only until the board of managers has a reasonable opportunity to convene and hear the facts with notice to, and participation of, the affected property owner. The “ten days” in the district rule is not a specific legal requirement; a board of managers may choose a different duration based on the frequency of its regular meetings and its ability to convene for a special meeting. However, the longer this period is, the more legally vulnerable the delegation to staff may be. Optimal practice is for the district administrator to coordinate with the board president so that the time and place of the board hearing can be included in the staff order itself.

- Regarding the delegation concern, the rule requires that delegation be accomplished by written resolution of the board. In this resolution, the board should consider spelling out constraints on

staff's authority so that the level of discretion given to staff is only so much as is absolutely necessary to achieve the purpose of the delegation, that is, to protect the resource until the board is able to give notice and hold a hearing. This may include, for example, requiring that an order contain specific findings as to what the violation is, what the actual or threatened impact is, and why that impact is serious. The resolution also may direct that permittee action demanded by the order be only what is necessary to prevent the resource impact until the board has the opportunity to hear the matter.

If a board of managers is not comfortable delegating order authority to its staff, there are options. For example, the district may simply institute a structured procedure for staff to issue a formal document in the nature of a "notice of probable violation" in place of a legally binding order. The notice would identify the apparent violation and impact, and would advise of recommended compliance actions, but would not purport to order that those actions be taken. Instead, it would advise of a compliance hearing by the board of managers and notify that the hearing will occur unless the suggested actions are timely taken. If the responsible party did not agree with staff's determination that there was a violation, it could choose not to take the recommended action, and wait to present its case to the board.

While a watershed district order is legally binding, a district can enforce that order only by going to a state district court judge. To have the strongest legal position in front of the judge, a district is always advised to have an order issued not just by its staff, but by its board of managers. This means that even if staff has issued a field order, the board will want to hold a hearing and issue a superseding order before going to court. Therefore there is not always a great difference between a staff order and a staff notice.

#### **A. Board Hearing**

This paragraph provides for a board hearing before a district compliance order (other than a preliminary order) may be issued. Because a district order may impose substantial cost on a property owner or contractor - by delaying work, requiring restoration action or imposing district costs - the law requires that the potential recipient of an order be given notice and an opportunity to appear and present evidence to the board before the board makes findings. The law does not specify how many days' notice must be given, how notice must be given, or the specific procedures that must be afforded at the hearing beyond an "opportunity to be heard." District legal counsel should be consulted on these details, and whether they should be included in the rule language or simply followed as district practice.

The paragraph also makes clear that on the basis of a finding of violation, a board of managers may order any remedy "within the District's authority." These remedies include: (a) a directive to cease and desist until an after-the-fact permit is applied for and issued; (b) a requirement that the responsible party bring the activity into compliance and/or take steps to remediate impacts from a violation; and (c) reimbursement of the district for its costs incurred in compliance monitoring and enforcement. As noted previously, a watershed district cannot impose a monetary penalty. Also, of course, the district cannot itself conduct criminal proceedings; a misdemeanor action would need to be brought in state district court by the proper law enforcement agency.

Finally, the paragraph makes clear that the board has the authority to consider and issue an order, whether or not there is a preliminary, staff-issued field order. If there is not actual or threatened harm to justify a staff order, then the district may simply notice and hold a board compliance hearing. Typically, this will follow staff efforts to work with a violator to secure compliance, but it can occur whenever the board of managers deems appropriate and need not follow informal or formal staff action.

#### **4. Liability for Enforcement Costs**

Paragraph 5 of the district rule states that a property owner or responsible contractor will be responsible for district costs to investigate and respond to a violation of a district rule, permit or other regulatory requirement to the extent that Minnesota Statutes §103D.345, subdivision 2, allows. This statute says that a watershed district may charge an “inspection fee.” It then states how the fee may be calculated:

The inspection fee must be used to cover actual costs related to a field inspection. Inspection costs include investigation of the area affected by the proposed activity, analysis of the proposed activity, services of a consultant, and any required subsequent monitoring of the proposed activity. Costs of monitoring an activity authorized by permit may be charged and collected as necessary after issuance of the permit.

Accordingly, if there has been an inspection, then the cost of the inspection, any analysis related to it, and any subsequent monitoring related to it may be recovered from the property owner or other responsible party. It further says that consultant costs related to the inspection, and to subsequent analysis and monitoring, are recoverable costs as well. This would include engineering and other technical consultants, but also may be read to include fees paid to district legal counsel for assistance in evaluating compliance and carrying out enforcement procedures. To recover these costs, it is important for a district to keep careful records of them.

Enforcement may result in a variety of costs to a district - staff hours, administrative and consultant costs, sampling and analysis costs, manager per diems for special meetings, contract costs for restoration work undertaken by the district, and potentially costs for court proceedings. The proposed rule language does not take a position on the precise extent to which each of these falls within the scope of the statute. Each district should determine its position with the advice of district legal counsel (for example, attorney fees for court proceedings may be excluded from the scope of §103D.345, subdivision 2, by virtue of separate treatment in §103D.545, subdivision 3). Note also that in the absence of the authority to impose a fine, a watershed district’s ability to require that a responsible party reimburse its costs may be a measurable financial incentive for early compliance.

#### **5. Contractor Liability**

The watershed law requires that watershed districts adopt and apply rules governing activities that may injure water resources, but it does not anywhere state who is subject to enforcement in the event a rule, or a permit issued under the rules, is not followed. It is good practice to require the property owner of record to be the named permit applicant, so that the authority to perform the proposed work is established and the district always has an official location where the permittee can be located. Further, in the event of noncompliance, it will be necessary for the property owner to be accountable for the violation to ensure that there is legal access to the property for any compliance work that is needed. In this case, it is reasoned that if a contractor has actually performed the work that does not comply, the property owner has a contract relationship with the contractor that will allow the property owner to demand that the contractor address the violation and hold the property owner harmless for costs.

However, there is nothing in the watershed law that prevents a district from also holding directly accountable the contractor that, itself or through its subcontractor, is responsible for the violation. A district may decide that it will have more leverage to gain compliance if both the property owner and the

contractor are directly subject to district orders and enforcement proceedings. If the district encounters a situation where the property owner appears to be innocent of the violation, holding the contractor responsible as well allows the district to take enforcement action directly against the contractor with minimum imposition on the property owner.

Paragraph 6 establishes that a contractor also is responsible for a violation if it, or its subcontractor, performed the activity constituting the violation. This section defines the term “responsible contractor” as it is used throughout the rule to denote a contractor that may be subject to enforcement.



# Clearwater County Environmental Services

213 Main Ave N Dept. 206  
Bagley, MN 56621-8304  
www.co.clearwater.mn.us

Phone: 218/694-6183  
Fax: 218/694-6244

Myron Jesme, Administrator  
Red Lake Watershed District  
1000 Pennington Ave  
Thief River Falls

November 15th, 2018

Re: October 19th, 2018 Legal Counsel Correspondence.

Mr. Jesme,

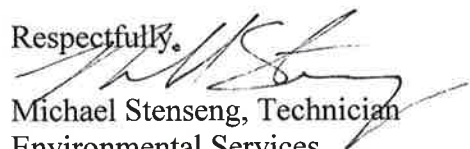
I have taken the time to review the response letter received from the Red Lake Watershed District's legal counsel and it appears to me there is an assumption that permission from the MN Department of Natural Resources is the only approval that would be necessary to conduct the work that has since taken place in lowering the outlet of Four Legged Lake. As you are likely aware, 103E.701 Subd. 6 also specifically relates to wetlands in regard to drainage system repairs and references 103G.222. Therefore, I will refer back to my initial letter of October 8<sup>th</sup>, 2018.

Since the lowering of the outlet has now taken place I have conferred with the MN Board of Water and Soil Resources and they re-affirmed that the work is subject to the MN Wetland Conservation Act. In order to confirm the Watershed District's compliance with MN Rule 8420.0420 Subp 3., please provide records or supporting documentation showing that the outlet elevation was *at or lower* than 1426' at any time between now and 1993 (25 years ago).

If indeed the outlet was at elevation 1426' or lower within 25 years then no wetland will be drained which has existed longer than that and the work will be exempt from the Wetland Conservation Act replacement requirements. However, if the outlet elevation since 1993 has remained higher than 1426' for 25 years then loss of wetland as stated in 8420.0420 Subp 3. B (1) is subject to the replacement standards under 8420.0522.

Should you have any questions please feel free to contact our office.

Respectfully,

  
Michael Stenseng, Technician  
Environmental Services

Cc:

Chester Powell, Program Technician Clearwater SWCD  
Jamin Carlson, Water Plan Coordinator Clearwater SWCD  
Matt Johnson, Wetland Specialist MN BWSR

Equal Opportunity Employer



Neal Illies, Clearwater County District 3 Commissioner  
Brent Mason, Regional Hydrologist MN DNR

By Corey Hanson, Red Lake Watershed District Water Quality Coordinator. 11/26/2018.

- ✓ Monitoring Results
- ✓ Clearwater River Watershed Restoration and Protection Strategy Project
- ✓ Bartlett Lake
- ✓ River Watch

### **Red Lake Watershed District Long-Term Monitoring Program**

The first 2018 round of samples were collected for the District's long-term monitoring program in May.

High concentrations of *E. coli* bacteria were found at:

- Browns Creek at CR 101
- Ruffy Brook at CSAH 11
- Chief's Coulee at Dewey Ave in northern Thief River Falls
- Thief River at CSAH 7
- Darrigan's Creek
- O' Briens Creek
- Coburn Creek
- North Cormorant River at CSAH 36
- Walker Brook at CSAH 19
- Nassett Creek
- Silver Creek at 159<sup>th</sup> Ave, west of Clearbrook (cattle in the stream)



Cattle in Silver Creek, near Clearbrook



High concentrations of total suspended solids were found at:

- Clearwater River at CSAH 24 upstream of Clearwater Lake (>10 mg/L)
- Clearwater River at CSAH 14 (>15 mg/L)
- Chief's Coulee at Dewey Ave in northern Thief River Falls (122 mg/L)
- Branch A of Judicial Ditch 21
- Silver Creek at 159<sup>th</sup> Ave, west of Clearbrook (cattle in the stream)

There was a large increase in total suspended solids (TSS) between the CSAH 20 crossing of RLWD Ditch 15 and the County Road 62 crossing of Polk County Ditch 2. The TSS concentrations in the lower Red Lake River at East Grand Forks were relatively low, less than the 65 mg/L TSS standard, and some were in the single-digits. The Thief River met the 30 mg/L TSS standard. A very low TSS concentration (<1 mg/L) was found in Cyr Creek.

High concentrations of total phosphorus were found at:

- Chief's Coulee at Dewey Ave in northern Thief River Falls
- Grand Marais Creek at 130<sup>th</sup> St NW **and** 110<sup>th</sup> St NW
- Darrigan's Creek
- O' Briens Creek
- Coburn Creek
- Blackduck River
- South Cormorant River
- North Cormorant River
- Poplar River at 310<sup>th</sup> St SE **and** CSAH 30 near Fosston
- Hill River at 335<sup>th</sup> Ave SE **and** CSAH 35
- Clearwater River at CSAH 24 upstream of Clearwater Lake
- Nasset Creek
- Lost River at 109<sup>th</sup> Ave, upstream of Pine Lake
- Silver Creek at 159<sup>th</sup> Ave, west of Clearbrook (cattle in the stream)

The East Polk SWCD began sampling lakes within Polk County. Within the Red Lake Watershed District, they will be sampling Cameron Lake, Hill River Lake, Cross Lake, Oak Lake, Spring Lake, Turtle Lake, Badger Lake, Whitefish Lake, and Poplar Lake.

A plan was compiled for the installation of dissolved oxygen loggers throughout the District. The plan schedules deployments for each year so that as many significant reaches as possible are characterized by continuous dissolved oxygen data in a ten-year period. Two deployments in two separate years were planned for streams and rivers with high concentrations of total phosphorus to fulfill the MPCA's minimum data requirements for the dissolved oxygen fluctuation standard for assessments of river eutrophication.

### **Red Lake Watershed District Flow Monitoring Program**

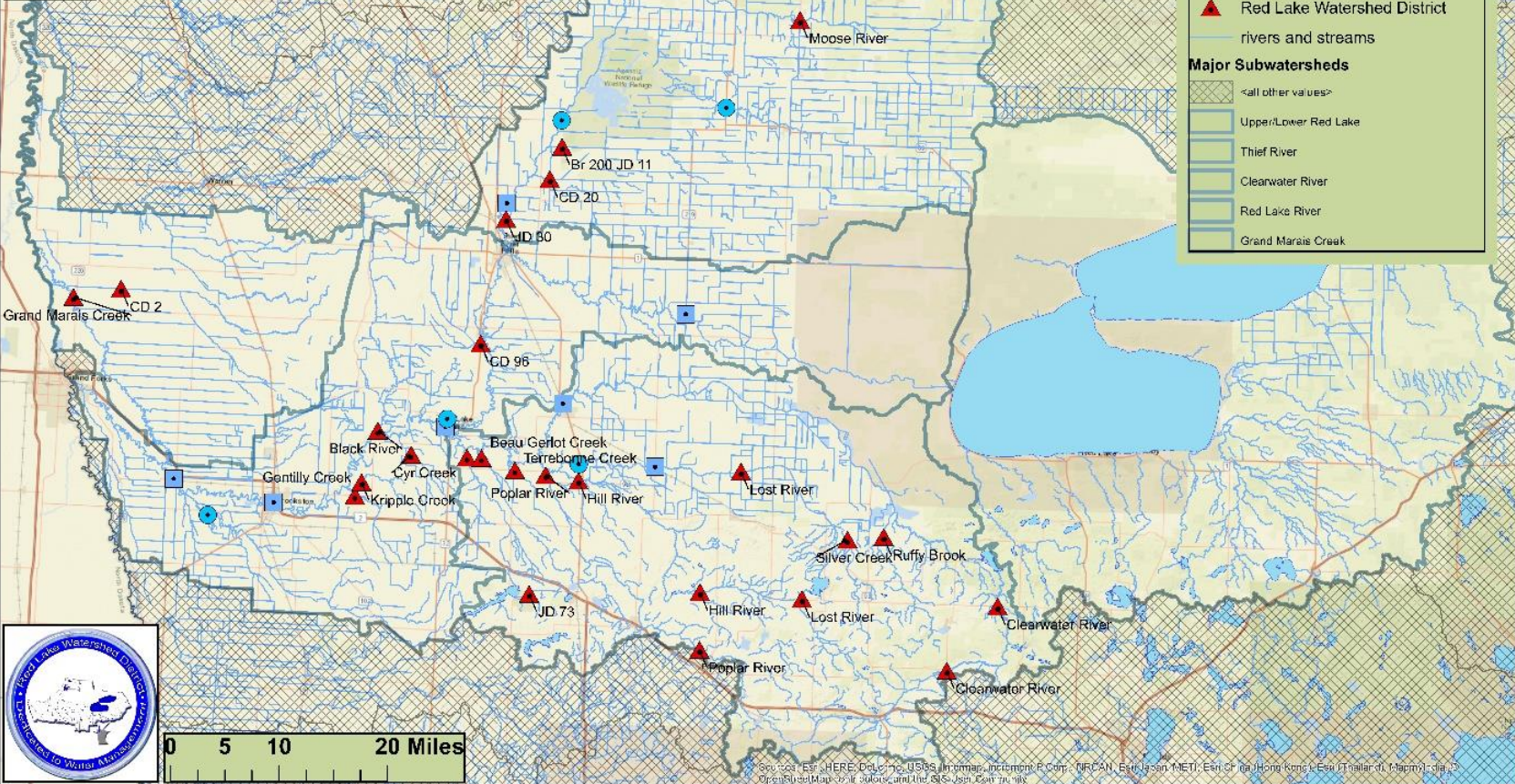
Deployment of water level loggers for the 2018 monitoring season was completed in May.



# RED LAKE WATERSHED DISTRICT MONTHLY WATER QUALITY REPORT

May 2018

## Red Lake Watershed District 2017 Stage and Flow Monitoring Sites



**Legend**

**Flow Monitoring**

**Flow**

- USGS
- MPCA/DNR Cooperative Gauging
- Red Lake Watershed District
- rivers and streams

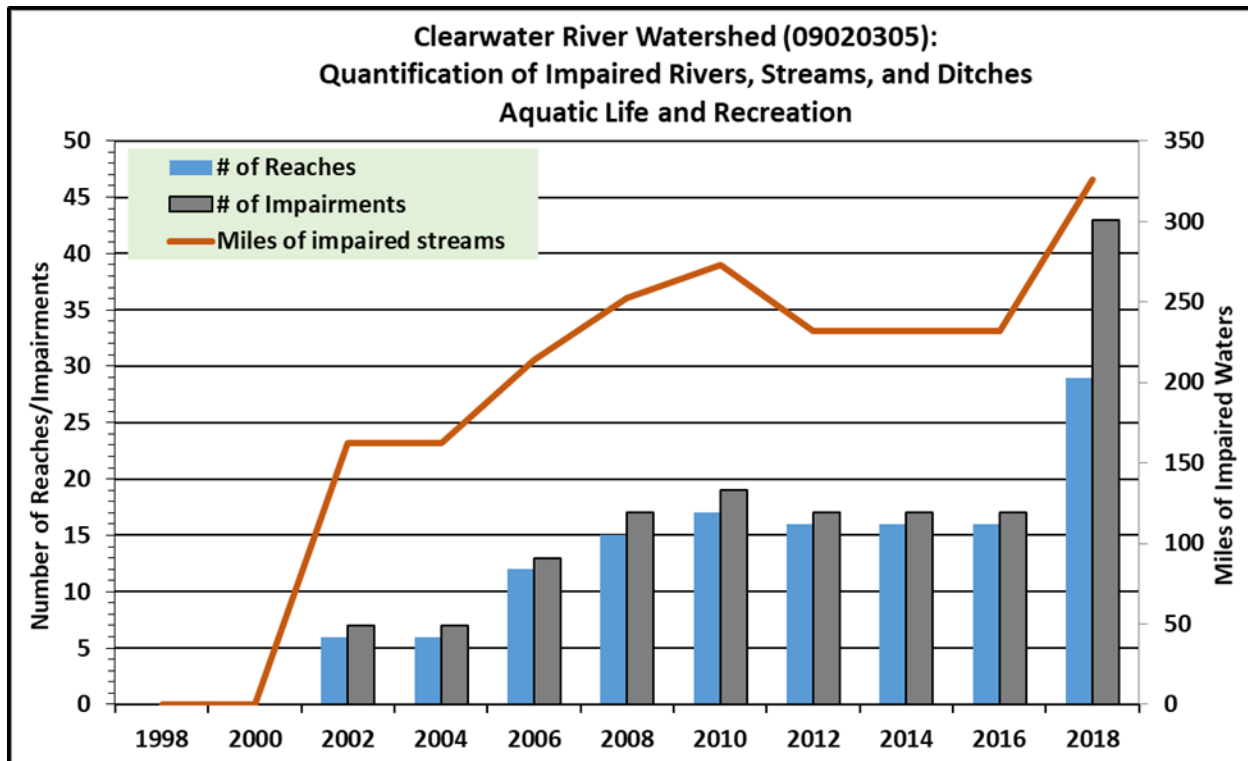
**Major Subwatersheds**

- <all other values>
- Upper/Lower Red Lake
- Thief River
- Clearwater River
- Red Lake River
- Grand Marais Creek

Source: Esri, HERE, DeLorme, USGS, Imagery, Mapbox, Swisstopo, NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), Swisstopo, OpenStreetMap contributors, and the GIS User Community

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

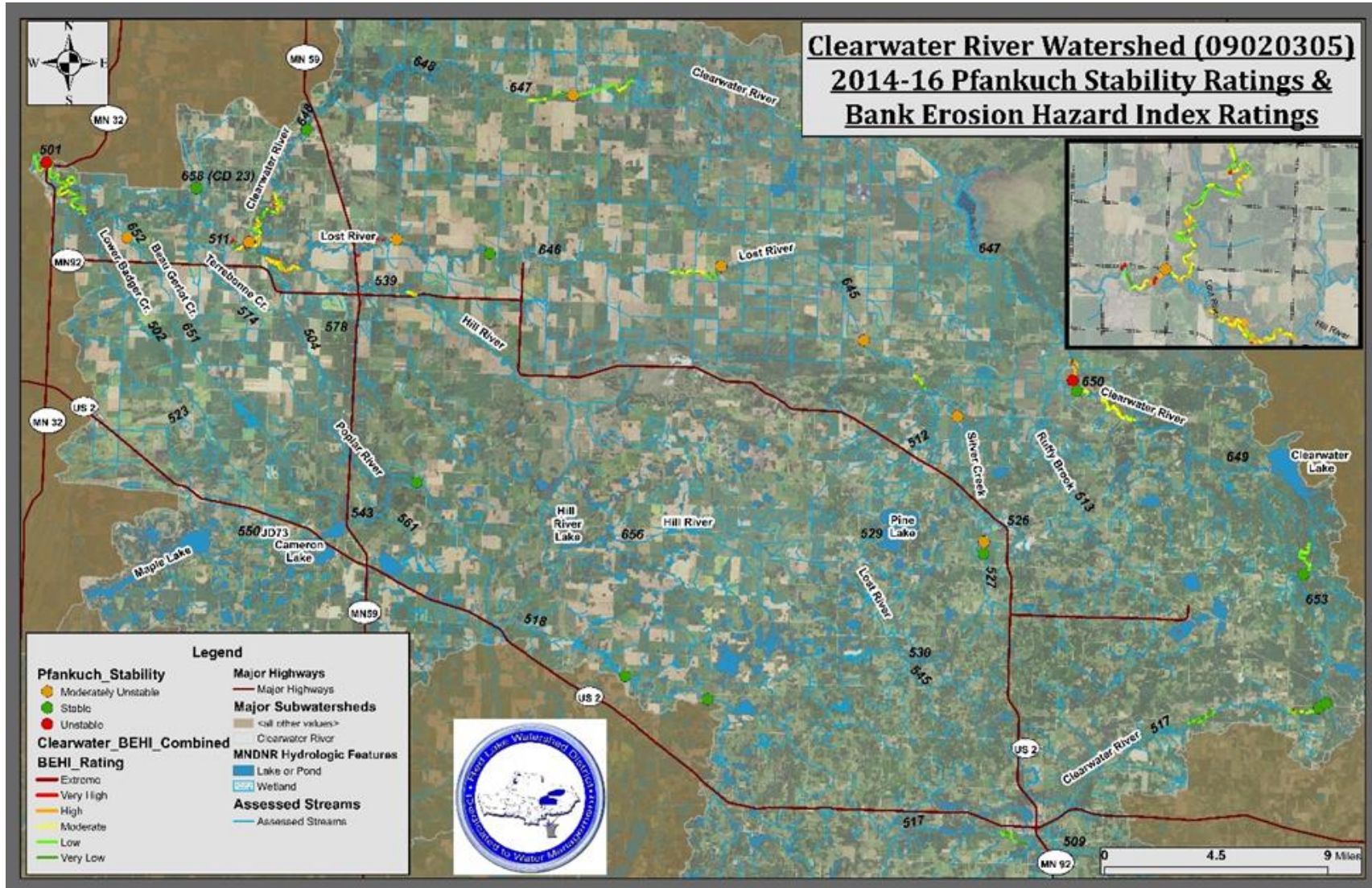
- Objective 5 – Stream Channel Stability Assessment
  - Clearwater River Bank Erosion Hazard Index (BEHI) lines and results were converted from a Google Earth (kmz) format to GIS shapefiles.
- Objective 10 – Report Writing
  - Progress was made on writing sections of the Clearwater River Total Maximum Daily Load report
    - Executive summary section
    - Subwatershed classification
    - Introductory text for the lakes characterization section
    - Lake drainage area and morphometry table
    - Stream characterization
    - Land use section
    - Current and historical water quality in the Clearwater River Watershed
    - Water quality trend summary table
    - Clearwater River nonpoint total suspended solids sources
    - Stressors of aquatic life in Silver Creek
    - Seasonal variation of total suspended solids and flow





# RED LAKE WATERSHED DISTRICT MONTHLY WATER QUALITY REPORT

May 2018



# RED LAKE WATERSHED DISTRICT MONTHLY WATER QUALITY REPORT

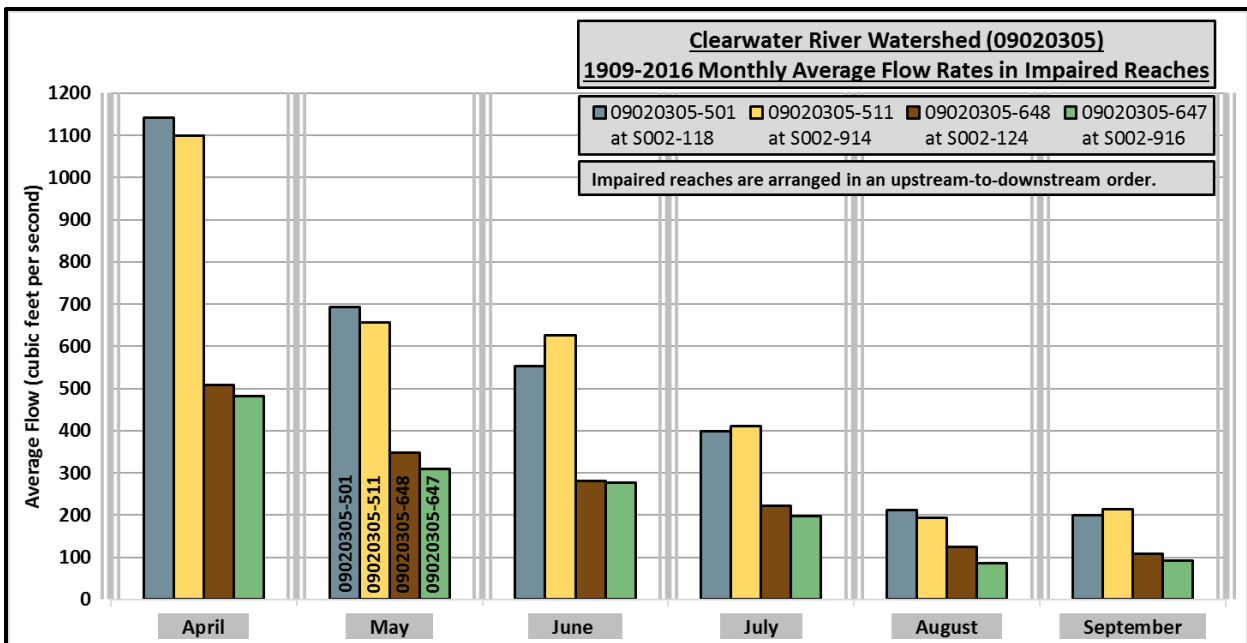
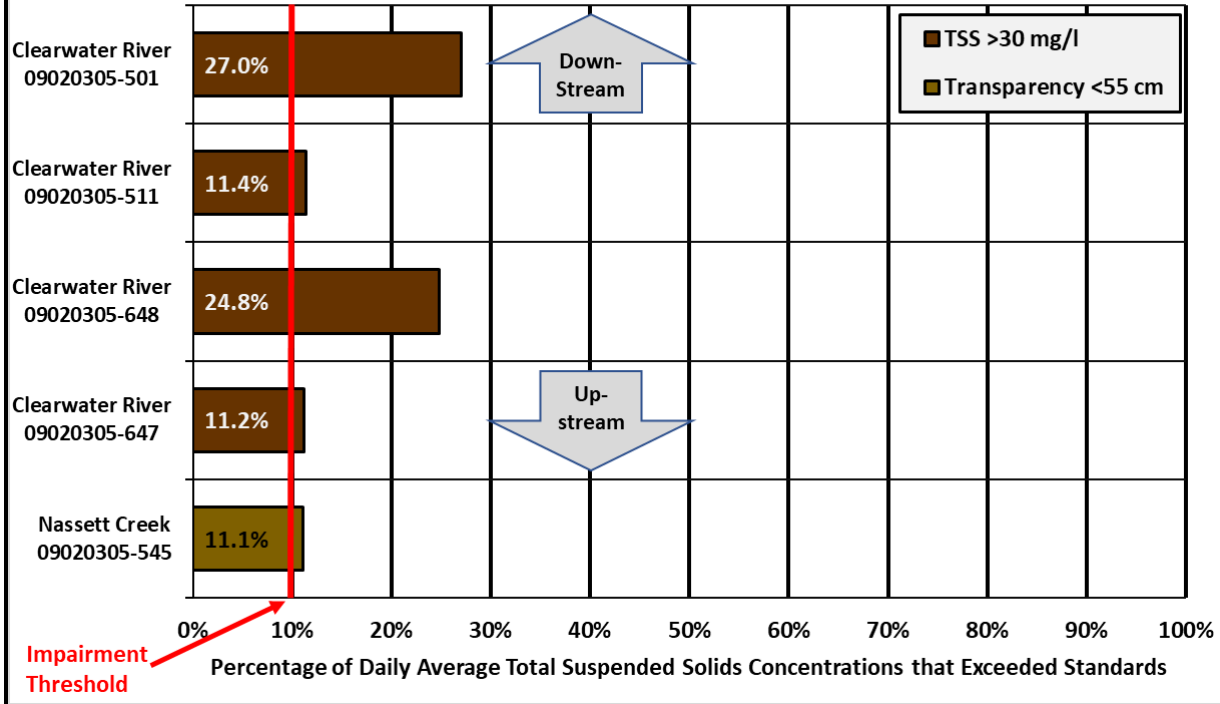
May 2018

AUID	Stream Name	SITE	Impaired Parameter	Years	Trend of Annual Averages	Trend of Summer Averages (May-Sept)
09020305-501	Clearwater River	S002-118	TSS	1990-2016	↑	↑
09020305-511	Clearwater River	S002-914	TSS	1992-2016	↓	↓
09020305-648	Clearwater River	S002-124	TSS	1992-2016	X	X
09020305-513	Ruffy Brook	S007-848 S008-057 S002-120	<i>E. coli</i>	2005-2016	X	X
09020305-527	Silver Creek	S002-082 S001-020	<i>E. coli</i>	2005-2016	↑	X
09020305-647	Clearwater River	S003-174	TSS	1998-2016	↑+	↑+
09020305-517	Clearwater River	S001-906	DO	1987-2015	↑	↑
09020305-517	Clearwater River	S001-458	DO	1992-2016	↑	X
09020305-543	Poplar R Diversion	S002-129	DO	1991-2016	↑	↑
09020305-504	Poplar River	S002-117 S007-608	<i>E. coli</i>	1992-2016	↑	↑
09020305-518	Poplar River	S002-091	DO	1991-2016	↑	↑
09020305-518	Poplar River	S003-127	DO	2001-2016	X	X
09020305-539	Hill River	S002-134	<i>E. coli</i>	2007-2016	X	X
09020305-512	Lost River	S001-007	<i>E. coli</i>	2005-2016	<10 data pts.	<10 data pts.
09020305-529	Lost River	S002-087 S005-283	<i>E. coli</i>	2005-2016	X	<10 data pts.
09020305-529	Lost River	S002-087 S005-283	DO	1992-2016	X	X
09020305-526	Clear Brook	S004-044	<i>E. coli</i>	2007-2016	<10 data pts.	<10 data pts.
09020305-526	Clear Brook	S004-044	DO	2004-2016	↑	↑+
09020305-509	Walker Brook	S002-122	DO	1992-2016	↓+	↓+
<b>X</b> = No Trend = Upward Trend (Getting Worse) = Strong Upward Trend (Getting Significantly Worse) = Downward Trend (Improvement) = Strong Downward Trend (Getting Significantly Better)						

# RED LAKE WATERSHED DISTRICT MONTHLY WATER QUALITY REPORT

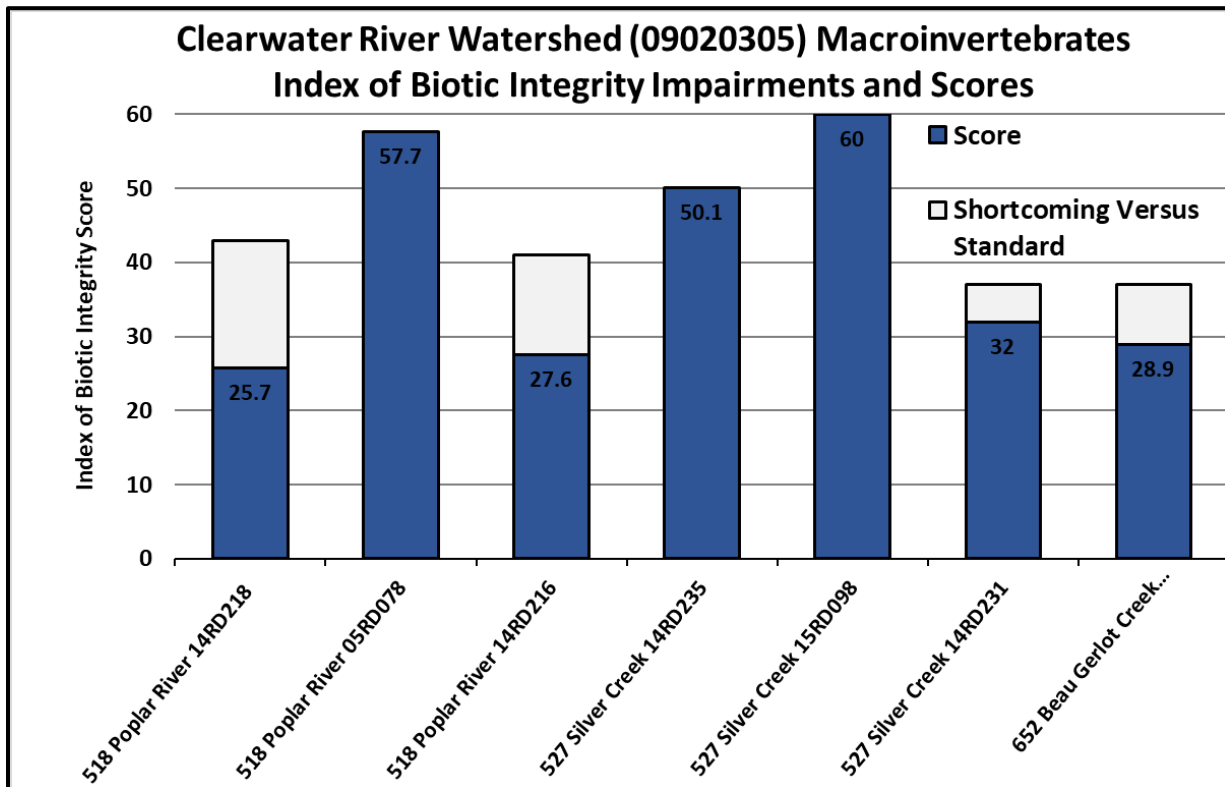
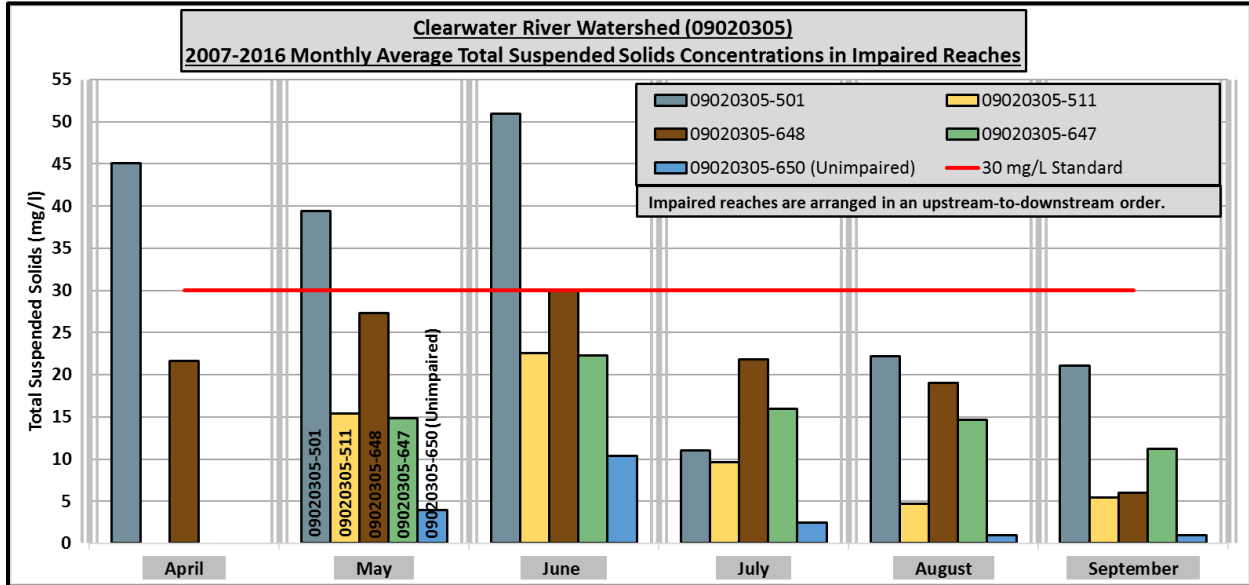
May 2018

## Clearwater River Watershed (09020305) Total Suspended Solids Rates at which 2007-2016 Data Exceeds Applicable Standards

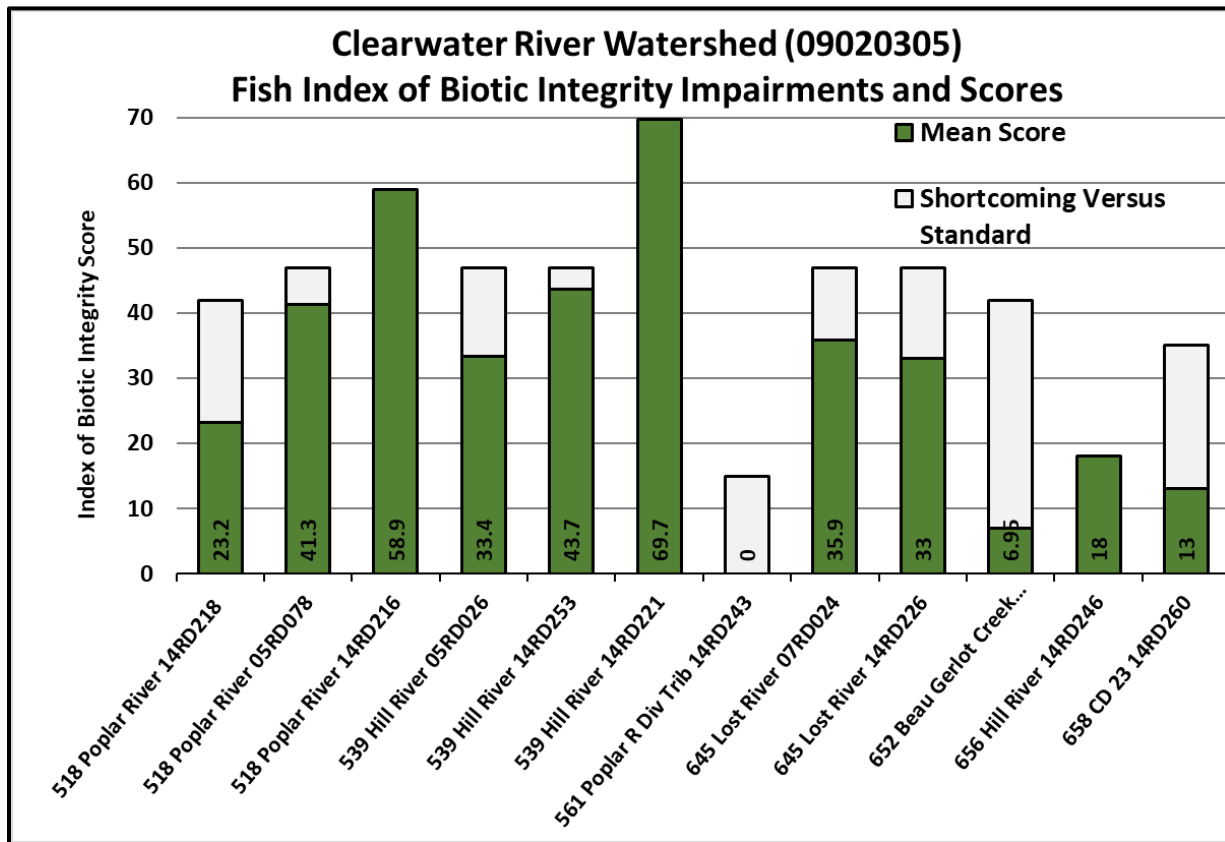


# RED LAKE WATERSHED DISTRICT MONTHLY WATER QUALITY REPORT

May 2018







### River Watch

The month of May was busy for River Watch and River of Dreams. River of Dreams is a cross-curriculum watershed education program tailored to elementary students. Participants learn watershed terminology and how their subwatershed fits into the Red River Basin through the design and real-life launch of a 14" cedar canoe.

- May 7, 2018 – River of Dreams canoe launch for Clearbrook-Gonvick elementary students
- May 8, 2018 – River of Dreams classroom instruction for Win-E-Mac elementary students
- May 9, 2018 – River of Dreams canoe launch for Red Lake Falls elementary students
- May 10, 2018 – River of Dreams canoe launch for Grygla elementary students
- May 11, 2018 – River of Dreams classroom instruction for Red Lake County Central elementary students
- May 15, 2018 – River of Dreams canoe launch for Win-E-Mac elementary students
- May 16, 2018 – Red Lake County Central students installed an informational kiosk in People's Park in Plummer
- May 22, 2018 – Red Lake County Central River Watch monitoring
- May 22, 2018 – River of Dreams canoe launch for Red Lake County Central elementary students

**River of Dreams**



**Fun Facts**

- Clearwater River starts in Ebro, MN and flows all the way to Red Lake Falls, MN
- Supplies water to local rice paddies
- Gives people access to tubing, fishing, boating, and kayaking
- Takes a minimum of 2 hours to travel by kayak from Peoples Park to Highway 1
- River runs from Peoples Park to Red Lake County 1 bridge

**Places of interest**

- People's Park -Plummer
- Plummer Corner Bar
- Cenex -Plummer/Oklee
- Plummer Co-op
- Seven Clans Casino -TRF
- Plummer Legion
- Pioneer Museum -Plummer

We appreciate the community officials for placing restrooms in Oklee and Plummer parks! We as a community would like to thank Enbridge for constructing shelters and boat launches at both locations.

**Welcome to the  
Clearwater River  
Kayak Launch and  
Rest Area!**



One of the signs that will be on the kiosk made by the RLCC River Watch students



### **Bartlett Lake In-Lake Management Strategies**

Bartlett Lake is a shallow lake by Northome that has been affected by long-term pollution from the city sewer and a creamery. Excess nutrients have caused the lake to become eutrophic. Emmons and Olivier Resources, Inc (EOR) conducted an analysis of potential in-lake management strategies to improve water quality in the lake. Unfortunately, there are no quick-fix solutions to the problem. The consultant concluded that Alum treatments would be ineffective. The report primarily suggested that manipulation of biology in the lake could lower algae levels in the lake. Winter aeration and the stocking of gamefish like northern pike were recommended. The northern pike would help reduce panfish populations. Panfish feed on zooplankton, so reducing panfish populations will increase zooplankton populations. Zooplankton feed on algae, so increasing zooplankton populations will keep algae populations in check.

### **Thief River One Watershed One Plan (1W1P)**

District staff gathered and shared GIS layers with MN DNR staff that were working on a zonation process for the Thief River watershed, including a GIS layer of BANCS model results from the Thief River Watershed Fluvial Geomorphology Study. The Thief River HSPF-SAM tool was used to estimate the amount of pollutants that are coming from different sources. Pollutant loading estimates were extracted from the model for subwatersheds without long-term flow monitoring data. The Thief River 1W1P policy committee, planning work group, and advisory committee met in Grygla on May 9, 2018. District staff reviewed a draft Section 3 of the Thief River 1W1P document. District staff provided specific numbers to aid the development of measurable goals including flow statistics from the HSPF model, Minnesota Stream Habitat Assessment scores, index of biological integrity scores, and other specific goals.

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

The MPCA continued working on a review of the Thief River WRAPS and TMDL reports.

### **Upper/Lower Red Lakes Watershed Restoration and Protection Strategy (WRAPS)**

The Upper/Lower Red Lakes Fluvial Geomorphology Report is now available online at <https://wrl.mnpals.net/islandora/object/WRLrepository%3A2957>.

The Upper/Lower Red Lake Watershed Monitoring and Assessment Report is available online at <https://wrl.mnpals.net/islandora/object/WRLrepository%3A740>.

### **Other Notes**

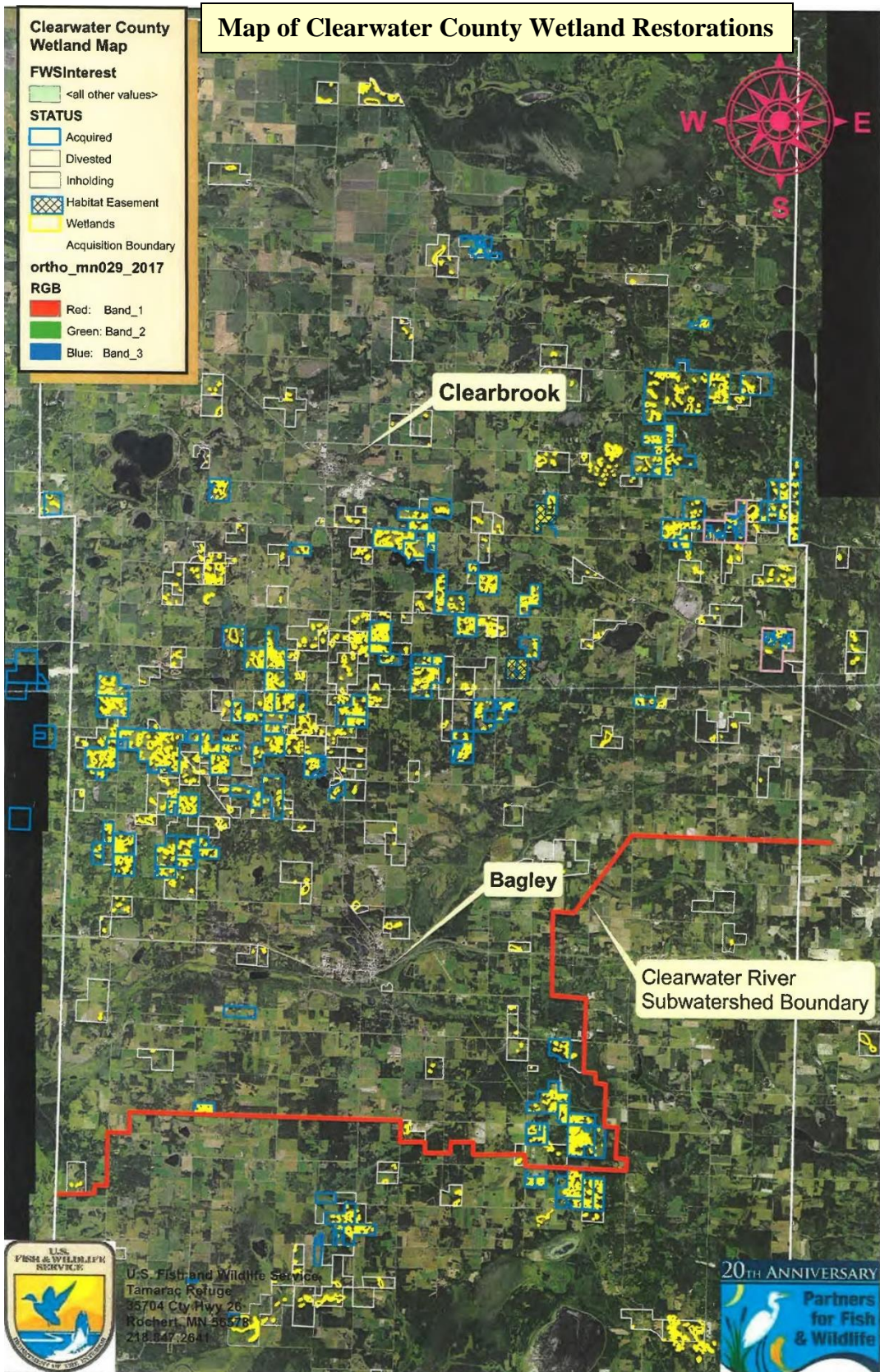
- Water quality related notes from the May 10, 2018 Red Lake Watershed District Board of Managers meeting:
  - The Board approved the Grant Agreement in the amount of \$677,551 with the Minnesota Board of Water and Soil Resources for the Red Lake River 1W1P.

- Water quality related notes from the May 24, 2018 Red Lake Watershed District Board of Managers meeting:
  - District and Houston Engineering, Inc. staff met with Brad Dokken, Outdoor Writer for the Grand Forks Herald, to tour the Grand Marais Creek Outlet Restoration on May 21<sup>st</sup>, 2018. An article will appear in the Grand Forks Herald in mid to late June.
  - District staff met with various BWSR Clean Water Specialists to discuss the grant process through BWSR, 1W1P process and projects funded by the Clean Water Council.
  - The Grygla Eagle newspaper printed an article that featured staff member Hitt and the Grygla 4th and 5th graders' participation in the River of Dreams Educational event.
- District staff completed a 2017 Red Lake Watershed District Annual Report. It is available online at:  
<http://redlakewatershed.org/Annual%20Reports/2017%20Annual%20Report.pdf>
- District staff used the Red Lake River PTMApp model to help estimate pollutant reductions from a proposed tree planting project near the city of East Grand Forks.
- District staff prepared presentations about current projects for a BWSR tour that was making a stop at the District office.
- Ashley Hitt continued to work on the development of PTMApp for the Thief River watershed.
- The Pennington SWCD shared GIS files with the RLWD that were created for the Thief River Falls stormwater study.
- The RESPEC consulting firm has completed development of the Scenario Application Manager (SAM) graphical interface to the Hydrologic Simulation Program FORTRAN (HSPF) model application for the Red Lake River, Grand Marais Creek, Clearwater River, Thief River, and Red Lakes watersheds among other watersheds throughout the state. The application and data downloads are available at: <https://www.respec.com/sam-file-sharing/>.
- The East Polk SWCD held a rain barrel workshop at the McIntosh Community Center on May 18, 2018.
- District staff met with United States Fish and Wildlife Service (USFWS) staff to tour wetlands that have been restored by the USFWS in the headwaters of the Lost River and Hill River in Clearwater County.



# RED LAKE WATERSHED DISTRICT MONTHLY WATER QUALITY REPORT

May 2018





**RED LAKE WATERSHED DISTRICT  
MONTHLY WATER QUALITY REPORT**

**May 2018**

**Photos of USFWS Wetland Restorations in Clearwater County**





**Photos of USFWS Wetland Restorations in Clearwater County**



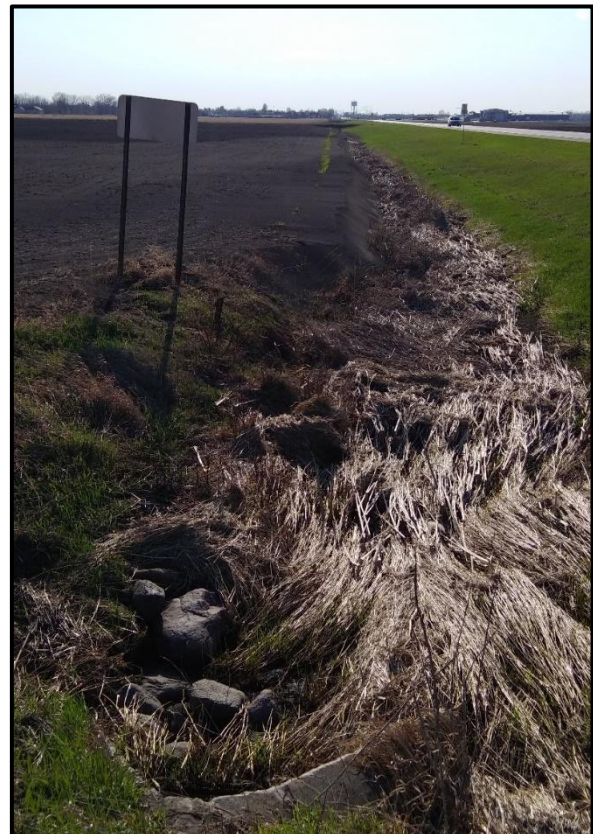
# RED LAKE WATERSHED DISTRICT MONTHLY WATER QUALITY REPORT

May 2018

- Mann-Kendall statistical trend analysis was conducted on monitoring data from Marshall County Ditch 20.

Trends of Seasonal Averages Using Seasonal Mann-Kendall Analysis				
Marshall County Ditch 20 180th Ave NE Crossing Site S004-494	Total Suspended Solids	Dissolved Oxygen	Total Phosphorus	E. coli
Years	2007-2017	2007-2017	2007-2017	2007-2017
Annual Average	X	X	X	X
Annual Max/Min	X (Max)	+ (Min)	X (Max)	X
May-Sept Average	X	↑	X	X
April	Data <10	Data <10	Data <10	Data <10
May	Data <10	Data <10	Data <10	Data <10
June	↓	↑	X	↑
July	Data <10	↑	Data <10	Data <10
August	Data <10	Data <10	Data <10	Data <10
September	Data <10	Data <10	Data <10	Data <10
October	Data <10	Data <10	Data <10	Data <10
November - March	Data <10	Data <10	Data <10	Data <10
X = No Trend				
+ = Strong Upward Trend (Getting Better)				
↑ = Upward Trend (Getting Better)				
↓ = Downward Trend (Improvement)				
↑ = Upward Trend (Getting Worse)				

- Strong winds and farming practices (rolling a dry field in high winds) led to an extreme amount of wind erosion and sedimentation within a ditch east of Crookston.





**May 2018 Meetings and Events**

- May 1, 2018 – Red Lake River One Watershed One Plan and PTMApp meeting at the Pennington County Soil and Water Conservation District
  - The Pennington SWCD successfully applied for a NACD Grant to hire a technician that will conduct survey and design work for the installation of best management practices (side water inlets)
  - An engineering technician was also hired to help SWCDs with survey and design work
  - Methods for tracking progress and projects were discussed (ArcOnline, Google documents, what information should be tracked)
  - The Red Lake River 1W1P other waters map and agenda items for the policy committee were discussed.
  - An implementation schedule was reviewed and discussed.
  - The group addressed a series of decisions that needed to be made so that Houston Engineering could proceed with the Red Lake River PTMApp implementation scenarios. An across-the-board sediment reduction goal of 10% was chosen. The edge-of-field option was recommended for the spatial scale of load reduction goals. Efficiency frontier curves will help determine the number of practices and the scale of investment that will be necessary to reach water quality goals.
- May 9, 2018 – Thief River One Watershed One Plan meeting in Grygla (advisory committee, planning work group, and policy committee)
- May 22, 2018 – Meeting with BWSR Clean Water Specialists at the RLWD office.

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.