9:00 a.m. Call to Order Action

Review and approve agenda Action

Requests to appear Information

December 13, 2018 Minutes Action

Financial Report dated December 28, 2018 Action

Investment Summary Action

2018 General Fund Budget Action

Capital Project Fund Transfers Action

2018 Property/Casualty Dividend-League of MN Cities Information

2019 Federal Allowable Mileage Rates Information

Red Lake Watershed District Ditch #16, RLWD Proj. 177 Information

Black River Impoundment, RLWD Proj. No. 176 Information

RRWMB Funding Spreadsheet Information

Thief River Falls West Side FDR Project, RLWD Proj. No. 178 Information

BWSR Grant Application-Update Information

Challenger Ditch, RLWD Proj. No. 122-Schedule Hearing Date Action

Polk County Ditch 63-Grade Stabilization, RLWD Proj. 134/164-Final Pay Estimate – R.J. Zavoral & Sons, Inc. Action

Red Lake River 1W1P, RLWD Project No. 149-Amendment Hearing Information

Conservation Partner Legacy Grant, Project 180A Information

Yearly Report Submittal, New Application Information

RLWD Buffer Rule Information

RRWMB Information

Request for Input
Strategic Planning
Taxes Paid to RRWMB
MAWD Resolutions  

Permit No. 18125, Pat Wichterman, Emardville Township, Red Lake Co.  

Permits: No. 18156  

Administrators Update  

Legal Counsel Update  

Managers’ updates  

Adjourn  

UPCOMING MEETINGS  
January 10, 2019  
RLWD Board Meeting, 9:00 a.m.  
January 15-17, 2019  
Red River Basin Land & Water International Summit Conference, Grand Forks  
January 24, 2019  
RLWD Board Meeting, 9:00 a.m.  
February 14, 2019  
RLWD Board Meeting, 9:00 a.m.  
February 14, 2019  
Drainage and Water Conference-Rinke Noonan  
March 20-21, 2019  
Joint Annual RRWMB & FDRWG Conference, Moorhead
President Dale M. Nelson called the meeting to order at 9:00 a.m. at the Red Lake Watershed District Office, Thief River Falls, MN.

Present were: Managers Terry Sorenson, Gene Tiedemann, Brian Dwight, Dale M. Nelson, Allan Page, LeRoy Ose and Les Torgerson. Staff Present: Myron Jesme and Tammy Audette and Legal Counsel, Delray Sparby. Others in attendance: Darwin Sumner, Michael VanHorn, Richard Dreker, Craig Mowry, Tony Nordby, Nate Dalager and Mike Flaagan.

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

The Board reviewed the November 27, 2018 minutes. Motion by Sorenson, seconded by Tiedemann, to approve the November 27, 2018 Board meeting minutes as presented. Motion carried.

Darwin Sumner, former Red Lake Tribal Secretary, and Michael VanHorn, Red Lake Tribal Council Food Initiative Coordinator, requested to appear before the Board.

The Board reviewed the Financial Report dated December 12, 2018. Motion by Tiedemann, seconded by Dwight, to approve the Financial Report dated December 12, 2018 as presented. Motion carried.

The Board reviewed the Investment Summary as of December 12, 2018. Staff member Arlene Novak reviewed the quotes that were received for the Certificate of Deposit that expired on December 12, 2018. Novak stated that a $200,000 Certificate of Deposit was purchased from Edward Jones at a rate of 2.75% for one-year.

Administrator Jesme stated that a draft viewers report is complete for the proposed RLWD Ditch 16, RLWD Project No. 177. Jesme stated that no DNR Protected Waters Permit is required, but there will have to be a delineation completed of the project area to satisfy Wetland Conservation Act rules. We have also been informed that the U.S. Army Corps of Engineers is requiring an archeological survey to be completed at the area of the Grand Marias continuing two miles upstream of State Highway 220. An archeological survey would be completed at the outlet of Ditch 16 and several sites two miles upstream of the outlet, at a cost of $3,500 for Phase 1. Motion by Torgerson, seconded by Sorenson, to approve the Phase 1 cost estimate not to exceed $3,500, from McFarlane Consulting LLC, to complete an archeological survey on the proposed RLWD Ditch 16, RLWD Project No. 177. Motion carried.

The Board reviewed a letter to Wayne and Debra Vettleson for expenses incurred for the inclusion of land into the benefitted area of RLWD Ditch No. 7, RLWD Project No. 20. Motion
by Torgerson, seconded by Sorenson, to approve the letter to Wayne and Debra Vettleson, for inclusion of land into RLWD Ditch No. 7, RLWD Project No. 20. Motion carried.

Craig Mowry, Agassiz National Wildlife Refuge (NWR) appeared before the Board to update the Board on the current Conservation Partners Legacy Grant from the Lessard Sam Heritage Council that the District had applied for on behalf of Agassiz NWR in the amount of $242,000, with matching funds in the amount of $46,400 from Agassiz NWR. Mowry stated that the grant allowed for spraying of 2,000 acres of cattails within the refuge, for a total of 8,448 acres of cattails sprayed since 2010. The grant also included repairs to a water control structure which was recently completed by Triple D Contractors. Agassiz NWR hired an amphibious excavator, which cleaned out ditches within the refuge that were full of silt. The balance of the current grant will be spent in the fall of 2019, with the replacing of two rusted out corrugated pipes with a large box culvert. Mowry requested assistance to administer an additional grant from the Lessard Sam Heritage Council for a Conservation Partners Legacy grant for $50,000 to restore wetland function with the refuge. Agassiz NWR would be required to have a 10% match for the grant. The District would be appropriating funds in to administer the grant. Mowry discussed the efforts of the refuge to reduce sediment and nutrient loading within the Thief River Watershed. Motion by Ose, seconded by Tiedemann, to approve the partnership and administration of a $50,000 grant for Agassiz National Wildlife Refuge from the Lessard Sam Heritage Council Conservation Partners Legacy Grant. Motion carried.

Darwin Sumner, former Red Lake Tribal Council Secretary and Michael VanHorn, Red Lake Tribal Council Food Initiative Coordinator, appeared before the Board to discuss water levels on the Lower Red Lake. Mr. Sumner discussed his concern with the drastically low water levels and loss of traditional trapping and hunting grounds. Discussion was held on the lack of rain and snow events as well as effects from evaporation which have contributed to the low water levels on both the Upper and Lower Red Lake. President Nelson asked Mr. Sumner about the Good Lake Impoundment, requesting assistance to work on securing a Special Land Permit for access and operation of the Good Lake Impoundment. It was the consensus of the Board and Mr. Sumner that it would be beneficial to form a committee for discussion on the Good Lake Impoundment and other areas of concern. Mr. Sumner requested that all emails should be sent to Mr. VanHorn.

Engineer Tony Nordby, Houston Engineering, Inc., stated that TEP (Technical Evaluation Panel) has scheduled a meeting on to discuss Wetland Conservation Act compliance for the proposed Black River Impoundment, RLWD Project No. 176. Nordby stated that the MnDNR will only require a General Permit, with the U.S. Army Corps of Engineers looking at the various wetland complex. Administrator Jesme discussed a recent phone call with Pat Lynch, MnDNR, regarding funding from the State. The MnDNR will not request a bonding bill this year, but the RRWMB will lobby for one. Mr. Lynch inquired about the possibility of constructing the project in phases; the first phase being the impoundment, followed by the ditches to the impoundment.

Engineer Tony Nordby, Houston Engineering, Inc., and Engineer Mike Flaagan, Pennington County Highway Department, appeared before to discuss the realignment of the Challenger Ditch, RLWD Project No. 122 for re-construction of CSAH 8 and installation of a bridge that
would cross the Red Lake River. Reconstruction of CSAH 8 would include the installation of a roundabout at the Pennington Avenue/CSAH 8 intersection and realignment of the Challenger Ditch to the south side of CSAH 8. The existing riser and 48” pipe upstream of the outlet of the Challenger Ditch would be moved upstream to an existing culvert, with an additional 248’ of the 48” reinforced concrete pipe. The roadway project would absorb the costs of the installation of the culverts, with the ditch system responsible for future maintenance. Administrator Jesme discussed the benefits of changing the pipe and maintenance concerns. Legal Counsel Sparby stated that a hearing would be required to make modifications to the alignment of the ditch system. The Challenger Ditch system is also used as an outlet for the Thief River Falls Flood Damage Reduction Project, RLWD Project No. 171A, which is designed for a 100-year event. It was the consensus of the Board that Manager Nelson, Jesme and Sparby, will review the Thief River Falls Flood Damage Reduction Project plans regarding future maintenance. Sparby stated that all right-of-way specifications will need to be presented during the hearing process. It was the consensus of the Board that a hearing date will be set at the December 27, 2018 meeting.

Pennington County is transferring jurisdiction of Pennington County Ditch 70 to the City of Thief River Falls for installation of a storm water utility project within the city limits, contingent upon the proposed Thief River Falls West Side Flood Damage Reduction Project, RLWD Project No. 178 being established. MnDOT awarded the District a grant in the amount of $400,000 to replace the culvert on Highway 32, near the outlet of the project. The District applied for a Clean Water Fund Grant for the outlet downstream of the Highway 32 culvert. Engineer Nate Dalager, HDR Engineering, Inc., asked Mr. Flaagan if the project has access to funds from Pennington County for the structures on CSAH 7 and other structures. Flaagan stated that CSAH 7 is state aid funding but that they do have some county road funds budgeted every year. Flaagan requested an estimate for each site. Dalager will coordinate with Flaagan.

Administrator Jesme stated that the hearing for the Amendment to the Red Lake River 1W1P, will be held December 19, 2018, at 10:00 a.m. at the District office to allow for the implementation of a Water Management District for the Black River Impoundment, RLWD Project No. 176 and the Thief River Falls West Side Flood Damage Reduction Project, RLWD Project No. 178. Once the plan is approved by the Red Lake River 1W1P Policy Committee, the plan will be submitted to BWSR, with review at the Northern Region BWSR meeting scheduled for January 2, 2019, followed by final approval from BWSR.

The Board reviewed correspondence from BWSR regarding the Determination of Adequacy for the District’s Buffer Rule. Administrator Jesme stated that staff is working on formatting the document for public review.

The Board reviewed a letter of support to the Gully Tri-Coop Association for the submittal of a grant application: Evaluating the Effectiveness of Variable Rate Input Application in Cultivated Wild Rice. It was the consensus of the Board, to submit the letter as presented.

Staff member Loren Sanderson discussed a letter from Red Lake County Interim-Engineer, regarding the cutting of a county road as it relates to RLWD Permit No. 18126, that was
approved by the District. Sanderson stated that Red Lake County does not have a policy in place for after-the-fact permits or consequences for cutting of county road.

The Board reviewed the permits for approval. Motion by Sorenson, seconded by Page, to approved RLWD Permit NO. 18157, JTO, Inc., Excel Township, Marshall County with conditions stated on the permit. Motion carried with Manager Ose abstaining.

Administrators Report:

- Jesme and Manager Ose will attend the RRWMB meeting in Ada on December 18, 2018.
- The Thief River 1W1P Advisory and Policy Committee meeting was held on December 12, 2018 at the District office. Section 5 of the plan was approved and will proceed with the development of Section 4.
- A Red Lake River PTMAp meeting was held December 12, 2018 in the District office to discuss a targeted implementation plan as well as reviewing comments from staff for completion of the final document.
- Jesme and Managers Sorenson, Page, Ose, Tiedemann and Dwight attended the MAWD Annual meeting November 28-December 1st in Alexandria.
- Staff member Corey Hanson will attend the BWSR Regional Conservation Partnership Program meeting December 20, 2018 in Grand Rapids. This training session will address the partnership program through NRCS and how it can be implemented with state funding for approved 1W1P.
- Included in the packet was the June 2018 Water Quality Packet.
- Included in the packet was information on the USGS Cost Share Payments for the Streamflow Monitoring Program.

It was the consensus of the Board to close the District office on Monday, December 24, 2018 due to the Christmas Holiday on December 25, 2018.

Legal Counsel Sparby stated that he prepared and presented a Stipulation for Dismissal to the Attorneys for the landowners on JD 5, RLWD Project No. 102. Sparby was informed that the landowners decided not to dismiss the case, therefore Sparby will set up a Motion to Dismiss.

Manager Ose reminded the Board that a retirement party for Dan Wilkens will be held on December 14, 2018 in Fertile.

Manager Sorenson stated that he met with the Polk County Commissioners regarding his appointment to the District Board. Sorenson was appointed to serve an additional 3-year term.

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

LeRoy Ose, Secretary
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<th>Description</th>
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<td>Dental Dental</td>
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<td>Don's Sewing and Vacuum</td>
<td>Belt replacement on vacuum</td>
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<td>East Polk SWCD</td>
<td>Reimburse for 45 wq lake samples (RMB Lab)</td>
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<td>Further</td>
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<td>37226</td>
<td>Houston Engineering, Inc.</td>
<td>TR1W1P PTMAp grant</td>
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<td>37227</td>
<td>Hugo's</td>
<td>Meeting and building maintenance supplies</td>
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<td>Harvey Klipping</td>
<td>Remove gophers from RLWD Ditch Nos. 10 and 3</td>
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<td>Motor Vehicle Division</td>
<td>Registration fee for Arctic TBX 700</td>
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<td>Mileage</td>
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<td>Pribula Engineering, PLLC</td>
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<td>Rinke Noonan</td>
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<td>Cost share of water control basins-Erosion Control funds</td>
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<td>Steve Holte</td>
<td>Mileage for TR1W1P meeting (2 meetings)</td>
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<td>Ihle Sparby &amp; Haase PA</td>
<td>**See below for explanation</td>
<td>3,060.00</td>
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<td>Red River Watershed Mgmt. Board</td>
<td>Additional 2nd half of taxes collected</td>
<td>60,139.90</td>
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<td>Marco</td>
<td>Monthly Microsoft Office 365</td>
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<td>Red Lake River 1W1P expenses</td>
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<td>Darroll Rodahl</td>
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<td>Sun Life Financial</td>
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<td>Erosion Control funds for SWIs-per Board mtg. of 7/12/18</td>
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<td>Sjoberg's Cable TV</td>
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<td>*** See below for explanation</td>
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<td>****See below for explanation</td>
<td>2,244.66</td>
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<tr>
<td>online</td>
<td>Allan Page</td>
<td>Mileage</td>
<td>241.98</td>
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**Payroll**

Check #11559 -11575

Total Checks

$ 167,260.47

---

*Pribula Engineering, PLLC*

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<td>RLWD Ditch No. 16</td>
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<td>Improv. To Polk Co. Dt.39</td>
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<td>TOTAL</td>
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<td>24,180.00</td>
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*Ihle Sparby & Haase PA*

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<td>26</td>
<td>Pine Lake</td>
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<td>46</td>
<td>Water Quality</td>
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<td>102</td>
<td>JD #5</td>
<td>432.00</td>
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Proj. 171A TR FDR  
18.00
Proj. 178 TRF Westside FDR  
306.00
TOTAL  
3,060.00

***Cardmember Services
HP-Sales tax refund on computer  
-93.09
AT&T-Cellular phone expense-Oct.  
276.19
Grain Bin, Grygla-Proj. 149A mtg.exp.  
53.48
BeMobile-Car phone charger cord  
26.80
MAWD-Registrations for meeting  
1,650.00
Arrowwood Resort-lodging-MAWD  
1,710.00
TOTAL  
3,623.38

****Cardmember Services
Arrowwood Resort-correct error-MAW  
-50.00
Amazon-Panasonic projector bulb  
146.12
DLT Solutions-  
1,022.35
Uof MN-WS Specialist Training-Christina  
850.00
AT&T-Cell phone expense-Nov.  
276.19
TOTAL  
2,244.66

Financial Institutions:

Northern State Bank
Balance as of December 12, 2018  
$303,067.64
Total Checks Written  
(167,260.47)
Receipt #414461 First National Bank-Remaining interest on matured CD  
523.56
Receipt #414462 Edward Jones-Additional interest from matured CD  
3.89
Receipt #414463 Edward Jones-Withdrawal to purchase 12 month CD @ 2.75%  
(200,000.00)
Receipt #414464 Transfer in from American Federal Bank Fosston  
50,000.00
Receipt #414465 Voided receipt  
-
Receipt #414470 Transfer in from American Federal Bank Fosston  
100,000.00
Receipt #414471 State of Minnesota-PERA increase aid ($902.50) and Market Valu and Disparity  
119,644.73
Balance as of December 28, 2018  
$205,979.35

Border State Bank
Balance as of October 31, 2018  
$18,186.59
Receipt #414442 Border State Bank-Monthly interest  
7.16
Balance as of November 30, 2018  
$18,193.75

American Federal Bank-Fosston
Balance as of December 12, 2018  
$1,825,277.49
Receipt #414464 American Federal Fosston-Transfer into Northern State Bank account  
(50,000.00)
Receipt #414466 First National Bank Bemidji-Matured CD  
200,000.00
Receipt #414467 League of MN Cities-2018 Dividend  
242.00
Receipt #414468 Wayne and Debra Vettleson-Reimburse cost share for inclusion in Proj. 20 benefitte  
783.28
Receipt #414469 Polk County-PILT from different agencies  
1,252.85
Receipt #414470 Transfer into Northern State Bank  
(100,000.00)
Receipt #414472 Red River Watershed Management Board-Project Work Team reimbursement  
15,000.00
Receipt #414473 Pennington SWCD-Reimburse for SWI grant  
3,438.28
Receipt #414474 Red Lake County-HUD PILT  
284.75
Receipt #414475 American Federal Bank-Receipt only to record interest on 12 month CD ($344.51)  
-
Balance as of December 28, 2018  
$1,896,278.65
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<th>Name of Institution</th>
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<td>10020 Border State Bank (Investor savings) Thief River Falls</td>
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<td>1.50%</td>
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<td>$ 615,120.00</td>
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<td>10890 RiverWood Bank-Bemidji (Bagley) Interest paid at maturity</td>
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<td>2.35%</td>
<td>11/8/2019</td>
<td>$ 204,700.00</td>
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<tr>
<td>Edward Jones</td>
<td>$ 200,000.00</td>
<td>2.75%</td>
<td>12/27/2019</td>
<td>$ 200,000.00</td>
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$ 4,722,213.95 $ 4,752,471.75
## 2018 GENERAL FUND BUDGET

as of December 28, 2018

<table>
<thead>
<tr>
<th>Item</th>
<th>2018 BUDGET</th>
<th>2018 Exp.</th>
<th>(over) under</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>TO 12-28-18</td>
<td></td>
<td></td>
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<tr>
<td>Manager's fees, salaries</td>
<td>20,000.00</td>
<td>17,477.30</td>
<td>2,522.70</td>
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<tr>
<td>Board of Manager's expense</td>
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<td>21,063.93</td>
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<tr>
<td>Staff salaries</td>
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<td>(2,744.77)</td>
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<tr>
<td>Payroll taxes</td>
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<td>32,091.46</td>
<td>3,175.04</td>
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<tr>
<td>Employee benefits</td>
<td>108,368.50</td>
<td>70,305.41</td>
<td>38,063.09</td>
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<tr>
<td>Travel and meetings (inc. mileage &amp; exp)</td>
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<td>4,209.74</td>
<td>790.26</td>
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<tr>
<td>Audit</td>
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<td>9,000.00</td>
<td>0.00</td>
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<tr>
<td>Legal</td>
<td>15,000.00</td>
<td>13,429.50</td>
<td>1,570.50</td>
</tr>
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</table>
| Office supplies                                           | 15,000.00   | 20,046.34 | (5,046.34) *
| Office equipment                                          | 18,000.00   | 6,416.75  | 11,583.25    |
| Appraiser/Viewer Expense                                  | 2,000.00    | 910.47    | 1,089.53     |
| Professional services (inc. Eng. Fees)                    | 20,000.00   | 27,051.17 | (7,051.17) ****
| Dues and subscriptions                                    | 10,000.00   | 10,727.08 | (727.08) ***
| Insurance and bonds                                       | 25,000.00   | 22,286.00 | 2,714.00     |
| Repairs and maintenance-Building                         | 15,000.00   | 12,681.59 | 2,318.41     |
| Utilities                                                 | 10,000.00   | 9,604.38  | 395.62       |
| Advertising and publications                              | 4,000.00    | 3,340.61  | 659.39       |
| Telephone                                                 | 11,000.00   | 9,723.00  | 1,277.00     |
| Vehicle expense and maintenance                           | 14,000.00   | 11,161.47 | 2,838.53     |
| Engineering supplies                                      | 3,000.00    | 12,369.77 | (9,369.77) **
| Engineering equipment                                     | 40,000.00   | 2,455.00  | 37,545.00    |
| Interest                                                  | 0.00        | 0.00      | 0.00         |
| TOTAL                                                     | 862,635.00  | 780,095.74| 82,539.26    |
| Less: Overhead                                            | 691,500.00  | 679,177.85| (12,322.15) |
| Less: Miscellaneous revenue                               | 7,000.00    | 9,743.17  | 2,743.17     |
| General Fund Budget                                       | 164,135.00  | 91,174.72 | 72,960.28    |

<table>
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<th>Item</th>
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<tr>
<td>January 1, 2018 Beg. Balance</td>
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<td>County levies revenue</td>
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<tr>
<td>Misc. revenue</td>
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<tr>
<td>Gross balance with revenue</td>
<td>327,947.46</td>
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<tr>
<td>Less net expenses</td>
<td>(91,174.72)</td>
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<td>Subtotal- General Fund</td>
<td>236,772.74</td>
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<tr>
<td>Plus interest earned</td>
<td>47,109.65</td>
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<tr>
<td>General Fund Balance 12-28-18</td>
<td><strong>283,882.39</strong></td>
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</table>

* Colored copies used exceeded budgeted amount for 3 months totalling $2600.73  
  (Jan. $664.10, Apr. $1654.56, July $582.07)
** for ROW stakes purchased ($3,475)-will be allocated at year end to projects where stakes are installed
** for Culvert markers purchased ($7,475)-will be allocated at year end to projects where markers are installed
*** For subscriptions for GIS software
**** Gallagher study ($8400)
<table>
<thead>
<tr>
<th>Proj. #</th>
<th>Project Name</th>
<th>YTD Expenses</th>
<th>Fund Balance</th>
<th>Recommended Transfer</th>
<th>Contract End</th>
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<td>Website</td>
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<td>TR TMDL</td>
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<td>157D</td>
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<td>157E</td>
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<td>159</td>
<td>Red River Corridor</td>
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<td>164</td>
<td>Erosion Control Projects</td>
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<td>167</td>
<td>WS Ditch Inv. &amp; Map.</td>
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<td>(82.50)</td>
<td>82.50</td>
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<td>167A</td>
<td>Drainage Inv. &amp; Insp.</td>
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<td>172</td>
<td>DFIRM Grant</td>
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<td>176</td>
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## Red Lake Watershed District
### Balances as of December 28, 2018

<table>
<thead>
<tr>
<th>Proj. #</th>
<th>Project Name</th>
<th>YTD Expenses</th>
<th>Fund Balance</th>
<th>Recommended Transfer</th>
<th>Contract End</th>
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<tbody>
<tr>
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<td>TRF Westside FDR</td>
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<td>180</td>
<td>State/Local/Federal grants</td>
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<td>Agassiz NWR Wetland Grant</td>
<td>126,428.69</td>
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<tr>
<td><strong>TOTALS</strong></td>
<td></td>
<td><strong>2,856,295.54</strong></td>
<td><strong>(3,736,344.61)</strong></td>
<td><strong>740,659.06</strong></td>
<td>***</td>
</tr>
</tbody>
</table>

*** To include year-end salaries, anticipated revenue, etc. and interest when calculated

- Balance in Capital Projects Funds (Admin. Construction fund) as of 12-28-18: 8,074,588.63
- Net balance (Sum of Column 4 less Capital funds balance) as of 12-28-18: 4,338,244.02
December 12, 2018

Dear Member,

We are pleased to enclose a check for your share of the $2.7 million dividend the League of Minnesota Cities Insurance Trust (the Trust) is returning to members of the property/casualty program for 2018. Also included is a summary of the data used to calculate your specific city’s dividend and your dividend history. Your insurance agent will receive a copy of this information, and we encourage you to share it with your city council or other governing body.

This year’s dividend was primarily determined based on all Trust members’ recent claim experience. During 2017 and 2018, property claims were higher than anticipated, largely because of a few large fire losses and several weather-related events. The Trust sets premium levels to prepare for years in which claims exceed projections, as happened in 2018, and then returns unneeded funds to our members. This year, we evaluated loss patterns and determined a $2.7 million dividend could be returned to members while maintaining appropriate rate stability going forward.

The formula for calculating dividends is designed to return proportionally larger amounts to members that have been with LMCIT longer and that have been most successful in avoiding and controlling losses. Your share was determined based on your gross earned premiums and total adjusted losses for the past 20 years, as shown on the enclosed graphs and charts. As you review it, keep these definitions in mind:

- **Gross Earned Premium**: This is your total of all earned premiums for the past 20 years as of May 31.

- **Adjusted Loss**: This is your claim costs for the past 20 years, minus applicable deductibles, and after capping each individual large claim. Individual claims are capped at the lesser of $200,000 or 200 percent of your annual premium for the year of the loss to mitigate the impact of a catastrophic claim.

The goal of the Trust is to manage risk — in other words, uncertainty. Because it is impossible to know precisely what claims will occur or how much they will cost, it’s impossible to guarantee a dividend in any given year, and the amounts will vary in years when they are paid. That’s why the efforts you’ve made to avoid losses are so important to you and all the members of the Trust.
We remain committed to working with you to minimize claims, keep premium rates stable, and return unneeded funds to members when possible. Since 1987, we have returned nearly $330 million to members in dividends.

Thank you for your continued participation in the Trust. Feel free to contact Laura Honeck, Trust Operations Manager, at lhoneck@lmc.org or 651-281-1280 if you have any questions or need additional information.

Sincerely,

Your Board of Trustees

Jake Benson, Councilmember, Proctor
Dave Callister, Manager, Plymouth
Clint Gridley, Administrator, Woodbury
D. Love, Councilmember, Centerville
Dave Unmacht, Executive Director, League of Minnesota Cities
Alison Zelms, Deputy City Manager, Mankato
LEAGUE OF MINNESOTA CITIES INSURANCE TRUST
PROPERTY/CASUALTY
2018 DIVIDEND CALCULATION
AT MAY 31, 2018

Northern State Agency
Po Box 639
Thief River Falls MN 56701-0639

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

<table>
<thead>
<tr>
<th></th>
<th>Gross Earned Premium</th>
<th>Adjusted Losses</th>
<th>Members Dividend Percentage</th>
<th>Dividend Amount</th>
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<td>$5,052</td>
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**RED LAKE WATERSHED DISTRICT**

Premium and Dividend History

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<th>Premium</th>
<th>Dividend</th>
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<tr>
<td>18</td>
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</tbody>
</table>

**RED LAKE WATERSHED DISTRICT**

Premiums and Dividends Since 1987

- Written Premiums: $65,743
- Dividends: $1,974

The gross earned premium figure is the highest level written over the years ending May 31, 2018 for the past 10 years. This is the premium figure that's used in the dividend calculation.

The 2018 experience is based on the member's actual membership for the entire calendar year ending May 31, 2018. The dividend will be paid on a portion of the 2018 written premiums written in the current year.
WASHINGTON — The Internal Revenue Service today issued the 2019 optional standard mileage rates used to calculate the deductible costs of operating an automobile for business, charitable, medical or moving purposes.

Beginning on Jan. 1, 2019, the standard mileage rates for the use of a car (also vans, pickups or panel trucks) will be:

- 58 cents per mile driven for business use, up 3.5 cents from the rate for 2018,
- 20 cents per mile driven for medical or moving purposes, up 2 cents from the rate for 2018, and
- 14 cents per mile driven in service of charitable organizations.

The business mileage rate increased 3.5 cents for business travel driven and 2 cents for medical and certain moving expense from the rates for 2018. The charitable rate is set by statute and remains unchanged.

It is important to note that under the Tax Cuts and Jobs Act, taxpayers cannot claim a miscellaneous itemized deduction for unreimbursed employee travel expenses. Taxpayers also cannot claim a deduction for moving expenses, except members of the Armed Forces on active duty moving under orders to a permanent change of station. For more details see Notice-2019-02.

The standard mileage rate for business use is based on an annual study of the fixed and variable costs of operating an automobile. The rate for medical and moving purposes is based on the variable costs.

Taxpayers always have the option of calculating the actual costs of using their vehicle rather than using the standard mileage rates.

A taxpayer may not use the business standard mileage rate for a vehicle after using any depreciation method under the Modified Accelerated Cost Recovery System (MACRS) or after claiming a Section 179 deduction for that vehicle. In addition, the business standard mileage rate cannot be used for more than four vehicles used simultaneously. These and other limitations are described in section 4.05 of Rev. Proc. 2010-51.

Notice 2019-02, posted today on IRS.gov, contains the standard mileage rates, the amount a taxpayer must use in calculating reductions to basis for depreciation taken under the business standard mileage rate, and the maximum standard automobile cost that a taxpayer may use in computing the allowance under a fixed and variable rate plan.

Page Last Reviewed or Updated: 14-Dec-2018
## RRWMB Funding Commitment Summary

**December 2018**

<table>
<thead>
<tr>
<th>Project Name</th>
<th>RRWMB Commitment</th>
<th>Total Funds Expended</th>
<th>Available Balance</th>
<th>Loan Advance</th>
<th>Step Level Completed</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>RRWD Roseau River Wildlife Mgmt Area (75/25)</td>
<td>$500,000.00</td>
<td>$490,107.21</td>
<td>$9,892.79</td>
<td></td>
<td>3</td>
<td>Will be closed in Feb. 19</td>
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<tr>
<td>RRWD Roseau River Lake Bottom Project (75/25)</td>
<td>$3,000,000.00</td>
<td>$135,000.00</td>
<td>$2,865,000.00</td>
<td>$135,000.00</td>
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<tr>
<td>RRWD Whitney Lake</td>
<td>$550,000.00</td>
<td>$0.00</td>
<td>$550,000.00</td>
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<tr>
<td>MSTRWD Newfolden</td>
<td>$1,360,000.00</td>
<td>$0.00</td>
<td>$1,360,000.00</td>
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<tr>
<td>RLWD TRF Westside FDR Project</td>
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<td>$0.00</td>
<td>$1,000,000.00</td>
<td></td>
<td>NA</td>
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<tr>
<td>RLWD Black River Impoundment</td>
<td>$2,366,667.00</td>
<td>$0.00</td>
<td>$2,366,667.00</td>
<td></td>
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<td>TRWD Klondike Clean Water Retention Proj. No. 11</td>
<td>$7,250,000.00</td>
<td>$5,000,000.00</td>
<td>$2,250,000.00</td>
<td>$5,000,000.00</td>
<td>2</td>
<td></td>
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<tr>
<td>3dSWD Redpath Project (75/25)</td>
<td>$5,667,000.00</td>
<td>$5,667,000.00</td>
<td>$0.00</td>
<td>$5,667,000.00</td>
<td>2</td>
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<tr>
<td>WRWD Goose Prairie</td>
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<td>$250,000.00</td>
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<tr>
<td>WRWD Hendrum</td>
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<td>$625,000.00</td>
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<td>NA</td>
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<td>WRWD Halstad</td>
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<td>$0.00</td>
<td>$0.00</td>
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<td>NA</td>
<td>Not Approved Yet</td>
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<tr>
<td><strong>TOTALS</strong></td>
<td><strong>$23,568,667.00</strong></td>
<td><strong>$11,292,107.21</strong></td>
<td><strong>$11,276,559.79</strong></td>
<td><strong>$10,802,000.00</strong></td>
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### PROGRAMS

<table>
<thead>
<tr>
<th>PROGRAMS</th>
<th></th>
<th></th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>USGS Stream Gaging</td>
<td>$114,061.00</td>
<td>$0.00</td>
<td>$114,061.00</td>
<td></td>
<td></td>
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<tr>
<td>(Annual) IWI - River Watch</td>
<td>$125,000.00</td>
<td>$0.00</td>
<td>$125,000.00</td>
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<td></td>
<td></td>
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<tr>
<td>Red River Basin Commission</td>
<td>$90,000.00</td>
<td>$0.00</td>
<td>$90,000.00</td>
<td></td>
<td></td>
<td>Not Approved Yet</td>
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<tr>
<td>Ring Dikes ($400,000 Appropriation)</td>
<td>$200,000.00</td>
<td>$137,410.49</td>
<td>$62,589.51</td>
<td></td>
<td></td>
<td>50% RRWMB Cost-share</td>
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<td>RRBC Long Term Flood Solution</td>
<td>$12,500.00</td>
<td>$0.00</td>
<td>$12,500.00</td>
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<tr>
<td>RRRA</td>
<td>$45,000.00</td>
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<td>$45,000.00</td>
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<tr>
<td><strong>TOTAL PROGRAM COSTS</strong></td>
<td><strong>$449,150.51</strong></td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

*Funds on Hand 11/31/18: $15,454,254.09
Bal. Remaining of Funds Committe: $11,725,710.30
Uncommitted Fund Balance 11/31/18: $3,728,554.79

*Only Money Market funds are considered in this balance
FOUND IRON MONUMENT

\( \frac{2}{2} \) I.D. IRON PIPE SET

MEASURED BEARING  
\( N88°06'54"E \)

MEASURED DISTANCE  
151.04'

MEASURED BEARINGS SHOWN ARE BASED ON THE PENNINGTON COUNTY COORDINATE SYSTEM.

MEASURED DISTANCES SHOWN ARE GROUND DISTANCES IN TERMS OF U.S. SURVEY FEET.

COORDINATES SHOWN ARE BASED ON THE PENNINGTON COUNTY COORDINATE SYSTEM.

EXISTING DITCH R/W = 4.72 ACRES

PROPOSED PERMANENT DITCH  
R/W = 0.92 ACRES

PROPOSED PENNINGTON COUNTY  
R/W = 6.50 ACRES
**RED LAKE WATERSHED DISTRICT**

**Application**

**for Payment**

**Estimate of Work Completed**

---

**ESTIMATE NUMBER:** Final

**PROJECT NAME:** Outlet to PCD 63 Grade Stabilization Project, Project 134

**OWNER:** Red Lake Watershed District

**CONTRACT AMOUNT:** $67,435.00

**CONTRACTOR:** R.J. Zavoral & Sons, Inc.

**DATE:** December 31, 2018

**PROJECT NUMBER:** 164

**CONTRACT DATE:** October 26, 2017

**WORK COMPLETED:** November 8, 2017

### ESTIMATE

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>DESCRIPTION</th>
<th>UNIT</th>
<th>CONTRACT QUANTITY</th>
<th>UNIT PRICE</th>
<th>QUANTITY COMPLETED</th>
<th>TOTAL AMOUNT</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Clearing &amp; Grubbing</td>
<td>lump sum</td>
<td>0</td>
<td>$0.00</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>7</td>
<td>Excavation</td>
<td>cu. yd.</td>
<td>3,400</td>
<td>$3.70</td>
<td>0</td>
<td>3,400</td>
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<tr>
<td>8</td>
<td>Earthfill</td>
<td>cu. yd.</td>
<td>500</td>
<td>$4.15</td>
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<td>500</td>
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<tr>
<td>9</td>
<td>Seed, Fertilize and Mulch</td>
<td>acre</td>
<td>3</td>
<td>$1,300.00</td>
<td>0</td>
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<tr>
<td>10</td>
<td>Rock Riprap Class III</td>
<td>cu. yd.</td>
<td>225</td>
<td>$63.00</td>
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<td>11</td>
<td>Rock Riprap Class IV</td>
<td>cu. yd.</td>
<td>430</td>
<td>$63.00</td>
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<td>430</td>
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<td>12</td>
<td>Non-Woven Geotextile</td>
<td>sq. yd.</td>
<td>1,200</td>
<td>$2.15</td>
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<td>1,200</td>
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<tr>
<td>13</td>
<td>18&quot; CMP</td>
<td>lin. ft.</td>
<td>60</td>
<td>$31.25</td>
<td>0</td>
<td>60</td>
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<tr>
<td>14</td>
<td>18&quot; Heavy Duty Flapgate</td>
<td>each</td>
<td>2</td>
<td>$635.00</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>15</td>
<td>18&quot; Metal Apron</td>
<td>each</td>
<td>2</td>
<td>$165.00</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>16</td>
<td>24&quot; CMP</td>
<td>lin. ft.</td>
<td>30</td>
<td>$36.00</td>
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<td>30</td>
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<tr>
<td>17</td>
<td>24&quot; Metal Apron</td>
<td>each</td>
<td>2</td>
<td>$210.00</td>
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**Additional Material**

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>DESCRIPTION</th>
<th>UNIT</th>
<th>CONTRACT QUANTITY</th>
<th>UNIT PRICE</th>
<th>QUANTITY COMPLETED</th>
<th>TOTAL AMOUNT</th>
</tr>
</thead>
<tbody>
<tr>
<td>18</td>
<td>18&quot; CMP</td>
<td>lin. ft.</td>
<td>30</td>
<td>$31.25</td>
<td>0</td>
<td>30</td>
</tr>
<tr>
<td>19</td>
<td>18&quot; Heavy Duty Flapgate</td>
<td>each</td>
<td>1</td>
<td>$635.00</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>20</td>
<td>18&quot; Metal Apron</td>
<td>each</td>
<td>1</td>
<td>$165.00</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>21</td>
<td>Seed, Fertilize and Mulch</td>
<td>acre</td>
<td>0.2</td>
<td>$1,300.00</td>
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<td>0.2</td>
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</table>

**Subtotal**

$7,997.50

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>DESCRIPTION</th>
<th>UNIT</th>
<th>CONTRACT QUANTITY</th>
<th>UNIT PRICE</th>
<th>QUANTITY COMPLETED</th>
<th>TOTAL AMOUNT</th>
</tr>
</thead>
<tbody>
<tr>
<td>22</td>
<td>Field Order</td>
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<td>0</td>
<td>$0.00</td>
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<td>0</td>
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<td>23</td>
<td>Field Order</td>
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<td>0</td>
<td>$0.00</td>
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</tbody>
</table>

**Subtotal**

$0.00

**Total**

$69,432.50
SUMMARY:
Total of Work to Date $69,432.50
Less 0% Retainage $0.00
Amount Paid on Previous Payments $67,349.53
Amount Due this Estimate $2,082.97
Percentage of work completed 103%

Original Contract Amount Due $67,435.00
Total of Field Orders $1,997.50
Total Contract Costs $69,432.50

RECAP OF PAYMENTS:

<table>
<thead>
<tr>
<th>DATE</th>
<th>PAYMENT AMOUNT</th>
</tr>
</thead>
<tbody>
<tr>
<td>12/14/2017</td>
<td>$67,349.53</td>
</tr>
<tr>
<td>12/31/2018</td>
<td>$2,082.97</td>
</tr>
<tr>
<td>TOTAL</td>
<td>$69,432.50</td>
</tr>
</tbody>
</table>

Approved by Contractor: R.J. Zavoral & Sons, Inc.
Date: __________ Signature ____________________________

Approved by Engineer: James Hest, P.E. Joint Powers Engineer
Date: __________ Signature ____________________________

Approved by Inspector: Duane Steinbreck, West Polk SWCD
Date: __________ Signature ____________________________

Approved by Administrator: Myron Jesme, Red Lake Watershed District
Date: __________ Signature ____________________________
1. It is the policy of the Board of Managers to:

   a. Provide public drainage system drainageways with vegetated buffers and implement water quality practices to achieve the following purposes:
      1. Protect state water resources from erosion and runoff pollution;
      2. Stabilize public drainage system drainageways’ soils, and banks.
   b. Coordinate closely with the Watershed District’s landowners, soil and water conservation districts and counties, and utilize local knowledge and data, to achieve the stated purposes in a collaborative, effective and cost-efficient manner.
   c. Integrate Watershed District authorities under Minnesota Statutes §§103D.341, 103E.021, and 103F.48 to provide for clear procedures to achieve the purposes of the rule.
   d. The Watershed District will implement and enforce buffers through the use of Drainage Law (Minnesota Statutes §§103E.021 and 103E.351) and when that cannot be accomplished, through the use of Administrative Penalty Order (APO) powers granted through Minnesota Statute §103F.48.

2. Definitions

   BWSR: Minnesota Board of Water and Soil Resources.
   Buffer: An area consisting of perennial vegetation, excluding invasive plants and noxious weeds.
   Buffer law: Minnesota Statutes §103F.48, as amended.
   Commissioner: Commissioner of the Department of Natural Resources.
   Cultivation farming: Practices that disturb vegetation roots and soil structure, or involve vegetation cutting or harvesting that impairs the viability of perennial vegetation.
   Drainage authority: The public body having jurisdiction over a drainage system under Minnesota Statutes chapter 103E.
   Operator: A party other than a landowner that directly or indirectly controls the condition of riparian land subject to a buffer under the rule.
   Person: Individual or entity.
   Public water: As defined at Minnesota Statutes §103G.005, subdivision 15, and included within the public waters inventory as provided in Minnesota Statutes §103G.201.
   Riparian protection: A water quality outcome for the adjacent waterbody equivalent to that which would be provided by the otherwise mandated buffer, from a facility or practice owned or operated by a municipal separate storm sewer system (MS4) permittee or subject to a maintenance commitment in favor of that permittee at least as stringent as that required by the MS4 general permit in effect.
Shoreland standards: Local shoreland standards as approved by the Commissioner or, absent such standards, the shoreland model standards and criteria adopted pursuant to Minnesota Statutes §103F.211.

Structure: An above-ground building or other improvement that has substantial features other than a surface.

SWCD: Soil and Water Conservation District.

3. Data sharing/management

3.1. The District may enter into arrangements with an SWCD, a county, the BWSR and other parties with respect to the creation and maintenance of, and access to, data concerning buffers and alternative practices under this rule.

3.2. The District will manage all such data in accordance with the Minnesota Data Practices Act and any other applicable laws.

4. Vegetated Buffer Requirement

4.1. Except as subsection 4.3 may apply, a landowner must maintain a buffer on land that is adjacent to a public drainage system ditch identified and mapped on the buffer protection map established and maintained by the Commissioner pursuant to the buffer law.

4.1.1. For a public drainage system ditch, the buffer must be of a 16.5-foot minimum width on either bank. This rule does not apply to the portion of public drainage systems consisting of tile.

4.1.2. The buffer is measured from the top or crown of the bank. Where there is no defined bank, measurement will be from the normal water level. The District will determine normal water level in accordance with BWSR guidance. For a public drainage system, the District will determine top or crown of bank in the same manner as for measuring the perennially vegetated strip under Minnesota Statutes §103E.021.

4.1.3. A buffer may not be used for cultivation farming, but may be grazed, mowed, hayed or otherwise harvested, provided permanent growth of perennial vegetation is maintained.

4.2. The requirement of subsection 4.1 applies to all public drainage ditches within the Watershed District’s boundary for which it is the drainage authority.

4.3. The requirement of subsection 4.1 does not apply to land that is:

4.3.1. Enrolled in the federal Conservation Reserve Program;
4.3.2. Used as a public or private water access or recreational use area including stairways, landings, picnic areas, access paths, beach and watercraft access areas, provided the area in such use is limited to what is permitted under shoreland standards or, if no specific standard is prescribed, what is reasonably necessary;
4.3.3. Used as the site of a water-oriented structure in conformance with shoreland standards or, if no specific standard is prescribed, what is reasonably necessary;
4.3.4. Covered by a road, trail, building or other structure;
4.3.5. Regulated by a national pollutant discharge elimination system/state disposal system (NPDES/SDS) municipal separate storm sewer system, construction or industrial permit under Minnesota Rules, chapter 7090, and the adjacent waterbody is provided riparian protection;
4.3.6. Part of a water-inundation cropping system; or
4.3.7. In a temporary non-vegetated condition due to drainage tile installation and maintenance, alfalfa or other perennial crop or plant seeding, or a construction or conservation project authorized by a federal, state or local government unit.

5. Drainage System Acquisition and Compensation for Buffer

5.1. In accordance with Minnesota Statutes §103F.48, subdivision 10(b), a landowner owning land within the benefited area of and adjacent to a public drainage ditch may request that the Watershed District, as the drainage authority, acquire and provide compensation for the buffer strip required under this rule.

5.1.1. The request may be made to use Minnesota Statutes §103E.021, subdivision 6, or by petition pursuant to Minnesota Statutes §103E.715, subdivision 1.
5.1.2. The decision on the request is within the judgment and discretion of the District, unless the request concerns a buffer strip mandated by Minnesota Statutes §103E.021.
5.1.3. If the request is granted or the petition proceeds, the requirements of the buffer strip and the compensation to be paid for its incorporation into the drainage system will be determined in accordance with the statutes referenced in paragraph 5.1.1 and associated procedures. When the order establishing or incorporating the buffer strip is final, the buffer strip will become a part of the drainage system and thereafter will be managed by the Watershed District in accordance with the applicable statutory drainage code.
5.1.4. On a public drainage ditch that also is a public water subject to a 50-foot average buffer, the drainage system will be required to acquire only the first 16.5 feet of the buffer.

5.2. The Watershed District, on its own initiative pursuant to Minnesota Statutes §§103F.48 and 103E.021, may acquire and provide compensation for buffer strips required under this rule on individual or multiple properties along a public drainage system.

5.3. The Watershed District’s decision to grant or deny a request under subsection 5.1 is not subject to appeal. However, a determination as to compensation or another term of the order may be appealed as provided for under the drainage code.

5.4. This section 5.0 supplements, and does not displace, the terms of Minnesota Statutes chapter 103E requiring or providing for drainage system establishment and acquisition of vegetated buffer strips along public drainageways.

6. Action for Noncompliance

6.1. When the Watershed District observes potential noncompliance, actual non-compliance or receives a third-party complaint from a private individual or entity, or from another public agency (such as the SWCD), it will determine the appropriate course of action to confirm
compliance status. This may include communication with the landowner or his/her agents or operators, communication with the shoreland management authority, inspection or other appropriate steps necessary to verify the compliance status of the parcel. On the basis of this coordination, the SWCD may issue a notification of noncompliance to the District. If the SWCD does not transmit such a notification, the District will not pursue a compliance or enforcement action under Minnesota Statutes §103F.48 but may pursue such an action under the authority of Minnesota Statutes §§103E.021 and 103D.341 and paragraph 6.

6.2. On receipt of an SWCD notification of noncompliance, or if acting solely under authority of Minnesota Statutes §§103E.021 or 103D.341, the Watershed District will determine first whether sufficient public drainage system easement exists to establish the required vegetative buffer. If sufficient easement does not exist, the District will attempt to acquire the necessary easements through incremental buffer establishment provided in §103E.021, subd. 6 or through a redetermination of benefits provided in Minnesota Statutes §103E.351 and will establish the required buffers. The establishment of the required buffers will occur within 12 months of the determination that inadequate easement exists, and no more than 18 months from the receipt of a SWCD notification of noncompliance or the Watershed District decision to establish the required buffers. If sufficient easement does not exist and the District is unable to acquire the necessary easements through incremental buffer establishment provided in §103E.021, subd. 6 or through a redetermination of benefits, or if sufficient easement does exist and an established buffer has been adversely altered, the District will issue a corrective action list and practical schedule for compliance to the landowner. The District may inspect the property and will consult with the SWCD, review available information and exercise its technical judgment to determine appropriate and sufficient corrective action and a practical schedule for such action. The Watershed District will maintain a record establishing the basis for the corrective action that it requires.

6.2.1. The Watershed District will issue the corrective action list and schedule to the landowner of record. The landowner may be the subject of enforcement liabilities under subsections 7.1 and 7.2. The District may deliver or transmit the list and schedule by any means reasonably determined to reach the responsible party or parties and will document the delivery method. However, a failure to document receipt will not preclude the District from demonstrating delivery, receipt or knowledge in an enforcement proceeding under section 6.2.2. The corrective action list and schedule will identify the tract of record to which it pertains and the portion of that tract that is alleged to be noncompliant. It will describe corrective actions to be taken, a schedule of intermediate or final dates for correction, a compliance standard against which it will judge the corrective action, and a statement that failure to respond to this list and schedule will result in an enforcement action. The Watershed District will provide a copy of the list and schedule to the BWSR.

6.2.3. In addition, at any time a responsible party may supply information in support of a request to modify a corrective action or the schedule for its performance. On the basis of any such submittal or at its own discretion, the Watershed District may modify the corrective action list or schedule and deliver or transmit the modified list and schedule in accordance with paragraph 6.2.1, or may advise the landowner in writing that it is not pursuing further compliance action.

6.2.4. The corrective action list and schedule for compliance may be modified in accordance with subsection 6.2, to extend the compliance timeline for a modification that imposes a substantial new action or significantly accelerates the completion date for an action.
6.2.5. At any time after the Watershed District has issued the list and schedule, a landowner, or authorized agent or operator of a landowner, may request that the SWCD issue a validation of compliance with respect to property for which the list and schedule has been issued. On Watershed District receipt of the validation: (a) the list and schedule will be deemed withdrawn for the purpose of subsection 7.2, and the subject property will not be subject to enforcement under that subsection; and (b) the subject property will not be subject to enforcement under subsection 7.1.

6.2.6. A corrective action list and schedule is not considered a final decision subject to appeal. An objection to a finding of noncompliance, or to any specified corrective action or its schedule, is reserved to the responsible party and may be addressed in an enforcement proceeding under section 7.0.

7. Enforcement

7.1. Under authority of Minnesota Statutes §§103E.021, 103D.545, and 103D.551, the Watershed District may seek remedies for noncompliance with section 4.0 against any responsible party including but not limited to: (a) reimbursement of Watershed District compliance costs under Minnesota Statutes §§103D.345 and 103E.021 and/or an escrow for same; (b) administrative compliance order; (c) district court remedy including injunction, restoration or abatement order, authorization for Watershed District entry and/or order for cost recovery; and (d) referral to county attorney for criminal misdemeanor prosecution.

7.2. In instances where existing vegetation on the ditch buffer easement has been adversely altered and has not been restored, the District may collect compliance expenses in accordance with Minnesota Statutes §§103E.021 from a landowner for noncompliance with the corrective action list and schedule, as provided under paragraphs 6.2.1 and 6.2.2. The watershed District will restore any adversely altered buffer and charge the landowner for the cost of the restoration if the landowner does not complete or does not meet the requirements of the corrective action list and schedule.

7.3. In instances where a drainageway buffer easement area cannot be established in a timely manner, the Watershed District may issue an administrative order imposing a monetary penalty against a landowner for noncompliance with the corrective action list and schedule, as provided under paragraphs 7.3.1 and 7.3.2. The penalty will continue to accrue until the noncompliance is corrected as provided in the corrective action list and schedule.

7.3.1. The penalty for a landowner on a single parcel that previously has not received a previous administrative penalty order issued by the Watershed District shall be:
   a) $0 for 11 months after issuance of the corrective action list and schedule;
   b) $200 per parcel per month for the first six (6) months (180 days) following the time period in (a); and $500 per parcel per month after six (6) months (180 days) following the time period in (b).

7.3.2. The penalty for a landowner on a single parcel that previously has received an administrative penalty order issued by the Watershed District shall be:
   a) $50 per parcel per day for 180 days after issuance of the corrective action list and schedule; and
   b) $200 per parcel per day for after 180 days following the time period in (a).
7.4. The administrative order will state:
   i. The facts constituting a violation of the buffer requirements;
   ii. The statute and/or rule that has been violated;
   iii. Prior efforts to work with the landowner to resolve the violation;
   iv. For an administrative penalty order, the amount of the penalty to be imposed, the date
       the penalty will begin to accrue, and the date when payment of the penalty is due; and
   v. The right of the responsible party to appeal the order.

A copy of the APO must be sent to the SWCD and BWSR.

7.5. An administrative order under subsection 7.1 or 7.3 will be issued after a compliance hearing
before the Watershed District Board of Managers. The landowner and any other responsible
parties will receive written notice at least two weeks in advance of the hearing with a statement
of the facts alleged to constitute noncompliance and a copy or link to the written record on which
District staff intends to rely, which may be supplemented at the hearing. A responsible party may
be represented by counsel, may present and question witnesses, and may present evidence and
testimony to the Watershed District Board of Managers. The Watershed District will make a
verbatim record of the hearing.

7.6. After a hearing is noticed and held for consideration of an administrative penalty or other
administrative order, the Watershed District Board of Managers may issue findings and an order
imposing any authorized remedy or remedies.
   7.6.1. The amount of an administrative penalty will be based on considerations including the
extent, gravity and willfulness of the noncompliance; its economic benefit to the
landowner; the extent of the landowner’s diligence in addressing it; any noncompliance
history; the public costs incurred to address the noncompliance; and other factors as justice
may require.
   7.6.2. The Watershed District Board of Managers findings and order will be delivered or
transmitted to the landowner and other responsible parties, as the Watershed District sees
fit. An administrative penalty order may be appealed to the BWSR in accordance with
Minnesota Statutes §103F.48, subdivision 9, and will become final as provided therein. The
Watershed District may enforce the order in accordance with Minnesota Statutes §116.072,
subdivision 9. Other remedies imposed by administrative order may be appealed in
accordance with Minnesota Statutes §103D.537.
   7.6.3. The Watershed District Board of Managers, may forgive an administrative penalty, or any
part thereof, on the basis of diligent correction of noncompliance following issuance of the
findings and order and such other factors as the Watershed District Board of Managers
finds relevant.

7.7. Absent a timely appeal pursuant to paragraph 7.6.2, an administrative penalty is due and payable
to the District as specified in the administrative penalty order.

7.8. A landowner agent or operator may not remove or willfully degrade, wholly or partially, a
riparian buffer, unless the agent or operator has obtained a signed statement from the landowner
stating that written permission for the work has been granted by the Watershed District or that
the buffer is not required as indicated in a validation of compliance issued by the SWCD.
7.9. Nothing within this rule diminishes or otherwise alters the Watershed District’s authority under Minnesota Statutes, chapter 103E with respect to any public drainage system for which it is the drainage authority, or any buffer strip that is an element of that system.

8. Effect of Rule

8.1. If any section, provision or portion of this rule is adjudged unconstitutional or invalid by a court of competent jurisdiction, the remainder of the rule is not affected thereby.

8.2. Any provision of this rule, and any amendment to it, that concerns Watershed District authority under Minnesota Statutes §103F.48 is not effective until an adequacy determination has been issued by the BWSR. Authority exercised under Minnesota Statutes chapter 103D and 103E does not require a BWSR adequacy determination.

We hereby affirm, this document was approved by the Red Lake Watershed District Board of Managers, dated October 11, 2018.

[Signatures]
On October 24, 2018, the Red River Watershed Management Board (RRWMB) held a special meeting to discuss funding of alternative flood damage reduction projects, cost-share levels of such projects, and development of a strategic plan. As part of this meeting, the RRWMB Managers reviewed the current Star Valuation Process, Project Evaluation Worksheet, and overall funding process for water retention projects.

Before moving forward with the development of a strategic plan, the RRWMB Managers are asking for input from both member and non-watershed districts based on discussion at this special meeting. The RRWMB Managers have asked staff to prepare and distribute this questionnaire to obtain insightful comments and input, which will guide the RRWMB into the future. The RRWMB asks that your full board discuss these questions and that responses represent the views of your entire board of managers.

Also attached is a document illustrating progress that has been made by the RRWMB in the first nine months of the RRWMBs reorganization and restructuring. Since this document was developed, the RRWMB has continued to make decisions and to implement change. It is important that your responses be clear and specific. Please respond to these questions by December 31, 2018 and submit them via email to RRWMB Executive Director Robert Sip at: rob.sip@rrwmb.org

Note – There are eight (8) questions that the RRWMB is seeking input on. Please review this document and respond to all eight questions. Each watershed district should submit one collective response.

Watershed District: ________________________________________________________________

1. Should the RRWMB’s mission below remain the same for the next 10 years and beyond? If not, what changes are needed? Please be specific.

“The mission of the Red River Watershed Management Board is to institute, coordinate, and finance projects and programs to alleviate flooding and assure the beneficial use of water in the watershed of the Red River of the North and its tributaries.”

Watershed District Response – RRWMB Mission:
2. **Should the RRWMB’s principal objective below remain the same for the next 10 years and beyond? If not, what changes are needed? Please be specific.**

“The principal objective of the Red River Watershed Management Board is to assist member Watershed Districts with the implementation of water related projects and programs. The purpose of these projects and programs is the reduction of local and mainstem flood damages, and also to enhance environmental and water resource management. Projects and programs must be of benefit to the Red River Basin and its member watershed districts in order to qualify for RRWMB funding.

The principal objective of the RRWMB, as stated above, is derived from legislation passed in 1976 and 1991. This objective is also in direct support of the RRWMB’s Mission Statement. In addition to the RRWMB’s principle objective, the Board has adopted several supporting objectives. Taken as a whole, the principal and supporting objectives form an overall policy for the Red River Watershed Management Board.”

**Watershed District Response – RRWMB Principal Objective:**

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3. **Should the RRWMBs supporting objectives below remain the same for the next 10 years and beyond? If not, what changes are needed? Please be precise. The supporting objectives can also be found at this website:**


- **Coordination** - It is a supporting objective of the RRWMB to provide leadership for the coordination of projects and programs related to water management. The RRWMB accepts this leadership role as a matter of policy.

- **Financial Support** - It is a supporting objective of the RRWMB to participate in funding initiatives which include projects and related programs that encourage consideration of mainstem benefits and enhance environmental and water resources. It is current policy of the RRWMB to participate in funding of member watershed district initiated projects meeting RRWMB established criteria for financial support and other initiatives beneficial to the basin.

- **Basin Planning** - The RRWMB assists private, local, state, interstate, federal, or international water management and natural resource activities within the Red River Basin, through coordination and assistance with implementation. The RRWMB assists planning efforts at all levels within the Red River Basin and is committed to supporting basin planning efforts as a matter of Board policy.
• Water Quantity - The RRWMB supports projects and programs for the alleviation of damage by floodwater, with an additional emphasis on maintaining low flow conditions for the aquatic environment and providing water supply for public use. It is Board policy to support flood control and water conservation projects.

• Water Quality - It is a supporting objective of the RRWMB to provide assistance for studies, programs, initiatives and projects to improve water quality. It is a policy of the RRWMB to support ongoing studies, initiatives, and programs for the improvement of water quality.

• Erosion and Sedimentation - It is a supporting objective of the RRWMB to provide assistance for studies, programs, and initiatives, including cooperative efforts with other agencies, to reduce soil erosion and sedimentation. It is a policy of the RRWMB to support studies, programs, and initiatives conducted by federal, state, and local agencies for the reduction of soil erosion.

• Education - It is a supporting objective of the RRWMB to support development of informational and educational programs related to water and natural resource management concerns. It is a policy of the RRWMB to utilize education as a tool to inform the public on issues related to the conservation of water, soil, and the preservation and enhancement of natural resources in the basin.

• Research - It is a supporting objective of the RRWMB to provide assistance for basic and applied research related to natural resources management within the Red River Basin. It is a policy of the RRWMB to commit to an administrative and financial role in supporting and sponsoring relevant research related to water and natural resource management within the Red River Basin.

• Public Information - It is a supporting objective of the RRWMB to inform the public of water management activities and concerns. It is a policy of the RRWMB to promote a strong public information program to educate the public regarding its operations and initiatives.

• Conflict Resolution - The RRWMB shall work toward the resolution of conflicts regarding water management. The RRWMB is committed to the resolution of conflicts and methods to reduce conflict include, but are not limited to negotiation, mediation, arbitration, or legal action. It is a policy of the RRWMB to commit itself to the speedy and efficient resolution of any conflicts related to managing the basin’s water resources.

• Policies, Rules, and Regulations of Other Entities - The RRWMB will comply with the policies and regulations of other governmental entities. Where inconsistencies in policies and regulations exist, the RRWMB will cooperate with the appropriate governmental entities in resolving the inconsistencies. It is a policy of the RRWMB to adopt policies and regulations which are consistent with policies and regulations of other governmental entities, and to comply with the regulatory programs of these agencies.
4. Considering the future, what are the most important water and resource management problems that the RRWMB should work on?

Watershed District Response – RRWMB Water and Resource Management Problems:

5. What kinds of alternative flood damage reduction projects should the RRWMB support in the future? If non-structural is part of your answer, please elaborate what this means.

Watershed District Response – RRWMB Project Alternatives:
6. How should the RRWMB prioritize funding in the Red River Basin over the next 5-10 years?

Watershed District Response – RRWMB Funding Prioritization:

7. Are there any immediate issues that the RRWMB should address in 2019?

Watershed District Response – RRWMB Immediate Issues:
8. Do you have other suggestions, comments, or questions for the RRWMB?

Watershed District Response – Other Suggestions, Comments, or Questions:

The RRWMB Managers will review and consider your responses as it shapes its future. Thank you for your time and effort to consider and respond to these questions. The RRWMB greatly appreciates your timely review and response! Call RRWMB Executive Director Robert Sip at 218-474-1084 for any questions that you may have.

The RRWMB is also asking that your administrator and board chair sign this document before submitting your final responses to the RRWMB.

Administrator

__________________________Watershed District

Date: _________________________

Chair

____________________________Watershed District

Date: _________________________
RED RIVER WATERSHED MANAGEMENT BOARD

STRATEGIC PLANNING PROCESS RESULTS TO DATE

NOVEMBER 29, 2017 TO SEPTEMBER 5, 2018
The Red River Watershed Management Board (RRWMB) is continuing its work on a phased strategic plan. Phase I of this plan was to hire an executive director along with an executive assistant, and to establish a permanent office in a public location. This phase was completed earlier this spring. The RRWMB staff will be co-located with the Wild Rice Watershed District in Ada and it is anticipated that co-location will take place later in 2018 or in early 2019. During the last nine months, the RRWMB Managers also began implementing several new processes, procedures, and policies with staff, legal counsel, the RRWMB Technical Advisory Committee, Red River Basin Coordinator, and the Legislative Liaison.

Phase II commenced this spring with the RRWMB affirming that they were committed to continuing the development of a strategic plan. This document provides a brief listing of the work that has been commenced or completed during this reorganizational and restructuring timeframe. Phase II of the plan involves obtaining input from member watershed districts, counties, cities, partner and stakeholder organizations, and the general public. Additional input will be gathered from local, state and federal agencies, legislators, and congressional members.

1. Communication and Outreach:
   a. Monthly RRWMB board meeting packets developed and distributed to:
      i. RRWMB Managers via US postal service and Constant Contact.
      ii. Individuals on the RRWMB email distribution list via Constant Contact.
      iii. Packet placed on RRWMB website for distribution and download by the general public and other interested organizations and individuals.
   b. Monthly RRWMB meeting highlights shared via Constant Contact to all individuals on the RRWMB email distribution list.
   c. Developed seven factsheets for the following topics:
      i. Current RRWMB goals and objectives.
      ii. Services provided to member watershed districts.
      iii. Strategic plan update for June 2018.
      v. Joint factsheet with the Red River Basin Flood Damage Reduction Workgroups Technical and Scientific Advisory Committee and its technical papers.
      vi. Investments made by the RRWMB since 1976.
      vii. 2019 operating budget.
   d. Developed one general overview brochure of the RRWMB.
   e. Developed a standard powerpoint presentation when addressing local boards and officials.
   f. Developed a communication and outreach strategy with guidance and input from the RRWMB Public Information Committee.
   g. Participated in two radio interviews.
   h. Participated in one TV interview.
   i. Staff have visited seven of the member watershed districts and one non-member watershed district. Two of the member watershed districts have been visited more than one time.
   j. Visited four county boards of commissioners.
k. Participated in three Association of Minnesota Counties district meetings in Ada, Bemidji, and Fergus Falls.
l. Enhanced use of social media (Facebook) for posting conference and tour photos.
m. Reinstating annual reports – 2017 report under development and expected to be completed and approved in October 2017.
n. Continual use of a rotating meeting schedule with meetings being held in Fertile, Moorhead, Wheaton, Hallock, Thief River Falls, and Ada.
o. Correspondence developed and sent to SWCDs, county commissioners, and other county officials to introduce new staff and to discuss current RWMB activities.
p. August 2018 RRWMB tour of proposed flood damage reduction projects in Northwest Minnesota.

2. Financial Matters:
a. Inquiry with over 80 financial institutions for investment and banking services to ensure that the RRWMB is receiving the best interest rates and services. Upon review of approximately 20 proposals, the RRWMB determined to stay with its current financial institution.
c. Developed and approved a credit card policy and obtained credit cards for use by RRWMB staff.
d. Approved a policy for the Executive Director to enter into certain types of contracts.
e. Reaffirmed levy reduction criteria for member watershed districts wanting to reduce their portion of the RRWMB levy. The original criteria was developed and approved in August 2017.
f. Further reinitiated the use of contracts, funding agreements, and resolutions for funding requests, regardless of request.
g. Independent review of existing RRWMB accounting software conducted.
h. Reduction in the use of IT, communication, and other independent consultants.
i. Implemented changes at the RRWMBs current financial institution, with over $70,000 in interest being earned in calendar year 2018 thus far.
j. Various RRWMB insurances reviewed and approximately $6,000 saved annually. Insurances are now with the League of Minnesota Cities.
k. Developed a transparent budget and levy process that was fully vetted with the RRWMB Budget and Finance Committee and shared via Constant Contact with individuals on the RRWMB email distribution list.
l. 2019 approved operating budget down nine percent from the 2018 approved operating budget.
m. Funding commitment spreadsheet and information being updated. Completion date anticipated to be October 2018.
n. Updated signers at the RRWMB financial institution.
3. Legislative Items:
   a. Creation of the RRWMB legislative committee.
   b. Development of a strategy to develop a legislative platform for 2019.
   c. 2018 bonding booklet developed for use by member watershed districts during the 2018 Minnesota Association of Watershed Districts legislative conference.
   d. RRWMB lobby efforts resulted in $20 million for statewide flood hazard mitigation.
   e. Advanced RRWMB interests on the Drainage Work Group.
   f. Defeated legislation that would have stripped watershed districts of current authority.

4. Office Space:
   a. Developed a public notification process and held a public hearing to obtain input on a permanent office location.
   b. Located, secured, and moved into interim office space in Ada.
   c. Signed a 10-year lease with the Wild Rice Watershed District for permanent office space. The following are additional components of this lease:
      i. All utilities are included for the duration of the lease.
      ii. The RRWMB is not liable for building maintenance costs during the lease timeframe.
      iii. No insurance will be required for the building structure.
      iv. The monthly cost is the same each month for 10 years.

5. Internal RRWMB Management Issues:
   a. Email updates to RRWMB Managers by staff have been implemented and completed as needed (generally each week to every two weeks).
   b. Frequent phone calls and in person interactions occur between RRWMB managers and RRWMB staff.
   c. Reinvigorated the use of internal RRWMB committees, processes, and structure.
   d. Entered into an agreement for services with legal counsel.
   e. Initiated a more rigorous employee performance review process.
   f. Overview document developed by staff for the Treasurer to discuss monthly financial reports at regular board meetings.
   g. Project review checklist developed by staff to review projects to ensure that criteria in the RRWMB Governing Documents are met.
   h. Board packet checklist developed by staff to ensure that re-occurring items are brought to the RRWMB managers each month.
   i. Monthly meeting calendar redeveloped and distributed each month.
   j. Continual update and review of internal RRWMB committees.
   k. Frequent interaction with RRWMB auditing firm and financial institution.
   l. Commenced work on further developing a records retention schedule that had been developed but not adopted by the RRWMB Managers. Anticipated to be completed before 2019.
   m. Public transparency and outreach on RRWMB internal committee meeting agendas, minutes, and activities.
n. Overall project spreadsheet and information being updated. Completion date anticipated to be October 2018.
o. Monthly reports from RRWMB Managers that participate on external committees.

6. Annual Conference:
a. Successful 20th joint annual conference held with the Red River Basin Flood Damage Reduction Work Group. The conference was also held jointly with the Minnesota Environmental Quality Board. An evening banquet was held the first night of the conference and the conference had record attendance. Northwest Minnesota SWCDs and the Red River Retention Authority held meetings as part of this conference.
b. Over $6,000 in sponsorships were secured for the joint annual conference.

7. Project Funding:
a. Provided educational funding for the Middle Snake Tamarac River Watershed District to construct informational kiosks at flood damage reduction project sites.
b. Approved moving the following projects through the RRWMB funding process:
   i. City of Thief River Falls Westside Diversion flood damage reduction project in combination with the Red Lake Watershed Districts Black River Impoundment Project.
   ii. City of Hendrum Flood Control Levee Improvement Project.
   iii. Wild Rice Watershed District Goose Prairie WMA Enhancement Project.
   iv. Middle-Snake-Tamarac Watershed Districts Newfolden Middle River Subwatershed Flood Damage Reduction Project.
## RED LAKE WATERSHED DISTRICT
### TOTAL TAXES COLLECTED & SUBMITTED TO RRWMB IN 2018
#### as of December 26, 2018

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<th>County</th>
<th>*1st Qtr delinqu.</th>
<th>1st Qtr. current</th>
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<th>2nd Qtr. current</th>
<th>Add'tl 2nd Qtr.</th>
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2018 RRWMB levy = 2,037,098.82

*Taxes are considered delinquent when received in current year for previous year(s) assessment-
i.e. taxes received January 1, 2018 or later for 2017 levy were considered delinquent*
RESOLUTION 1.

THEREFORE, BE IT RESOLVED THAT MAWD SUPPORTS
LEGISLATION TO LIFT AND/OR INCREASE THE MAXIMUM $75
A DAY MANAGER COMPENSATION RATE SET IN MN STATUTE
103D.315 SUBD.8. IF THE COMPENSATION RATE IS RAISED
TO A NEW DOLLAR AMOUNT, MAWD SUPPORTS THE
INCLUSION OF AN ANNUAL COST OF LIVING ADJUSTMENT
WITH THE LOCAL BOARD HAVING AUTHORITY TO SET THEIR
OWN RATES FOR A LESSER AMOUNT IF DEEMED
APPROPRIATE.

RESOLUTION 2.

THEREFORE, BE IT RESOLVED THAT MAWD SUPPORTS
LEGISLATION TO INCREASE OR REMOVE THE
$250,000 GENERAL FUND AD VALOREM TAX LEVY
LIMIT SET IN MN STATUTE 103D.905 SUBD. 3. IF THE
LIMIT IS RAISED TO A NEW DOLLAR AMOUNT, MAWD
SUPPORTS AN INFLATIONARY ADJUSTMENT BE ADDED
TO STATUTE.

RESOLUTION 3.

THEREFORE, BE IT RESOLVED THAT MAWD
SUPPORTS LEGISLATION THAT REQUIRES THE
GOVERNOR TO MAKE BWSR BOARD
APPOINTMENTS WITHIN 90 DAYS OF A
VACANCY OR BOARD MEMBER TERM
EXPIRATION.

RESOLUTION 4.

THEREFORE, BE IT RESOLVED THAT MAWD SUPPORTS
AN AMENDMENT TO THE MINN. STAT.§ 103D.315,
SUBD. 5, TO INCLUDE THE MN DEPARTMENT OF
NATURAL RESOURCES AS A STATE AGENCY REQUIRED
TO GET PERMITS FROM WATERSHED DISTRICTS WHEN
APPLICABLE.

RESOLUTION 5.

THEREFORE, BE IT RESOLVED THAT MAWD SUPPORTS AMENDING THE
WATERSHED LAW (CHAPTER 103D) AND/OR THE DRAINAGE CODE (CHAPTER
103E) TO IMPROVE THE CAPACITY OF WATERSHED DISTRICTS TO FINANCE
DRAINAGE PROJECTS, BY:
• INCREASING WATERSHED DISTRICTS' LIMIT ON BORROWING;
• ALLOWING COUNTIES TO ISSUE DRAINAGE PROJECT BONDS EARLIER IN
THE PROJECT DEVELOPMENT PROCESS; AND
• ENHANCING WATERSHED DISTRICT ABILITY TO OBTAIN COMPETITIVE
BORROWING RATES FROM BOTH COUNTIES AND FINANCIAL
INSTITUTIONS.
RESOLUTION 6.

THEREFORE, BE IT RESOLVED THAT MAWD SUPPORTS THAT WILDLIFE MANAGEMENT AREA (WMA) OPERATION AND MAINTENANCE PLANS AND/OR MANAGEMENT PLANS ARE EITHER DRAFTED OR BROUGHT CURRENT IN A TIMELY FASHION, WITH INPUT FROM LOCAL GOVERNMENTAL ENTITIES, TO ENSURE THEIR CONSIDERATION IN FUTURE ONE WATERSHED ONE PLAN EFFORTS.

RESOLUTION 7A.

THEREFORE, BE IT RESOLVED THAT MAWD SUPPORTS ACTIONS TO REQUIRE THE DNR TO ALLOW COMMON CARP REMOVAL AS PART OF AN ELECTROFISHING PROGRAM.

RESOLUTION 7B.

THEREFORE, BE IT FURTHER RESOLVED THAT MAWD SUPPORTS LEGISLATION OR A DNR RULE CHANGE TO REQUIRE THE DNR TO LICENSE AND ASSIGN MULTIPLE COMMERCIAL FISHERMEN TO COMMERCIAL FISHING AREAS TO ENSURE THAT WATERSHED DISTRICTS WILL HAVE THE ABILITY TO REMOVE THE CARP AS PART OF THEIR MANAGEMENT PROGRAMS.

RESOLUTION 8.

THEREFORE, BE IT RESOLVED THAT MAWD SUPPORTS LEGISLATION Modeled AFTER HOUSE FILE 2687 AND SENATE FILE 2419 OF THE NINETYTH LEGISLATURE (2017-2018) REINFORCING THAT THE DNR CANNOT RESTRICT EXISTING RIGHTS TO MAINTAIN AND REPAIR 103E PUBLIC DRAINAGE SYSTEMS.

RESOLUTION 9A.

THEREFORE, BE IT RESOLVED THAT MAWD MAY ASK THE REPRESENTATIVE OF THE CLEAN WATER COUNCIL TO RESIGN WHEN THEY LOSE THEIR DIRECT ASSOCIATION TO A WATERSHED DISTRICT; AND

RESOLUTION 9B.

THEREFORE, BE IT FURTHER RESOLVED THAT MAWD WILL RECOMMEND TO THE GOVERNOR'S OFFICE THAT MANAGERS AND/OR ADMINISTRATORS IN GOOD STANDING WITH MAWD BE APPOINTED TO THE CLEAN WATER COUNCIL.
### Applicant Information

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<th>Address</th>
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### General Information

1. The proposed project is a: Tiling
2. Legal Description
3. County: Red Lake Township: Emardville Range: 42 Section: 7 1/4: SW1/4
4. Describe in detail the work to be performed. Proposed work will tie into an existing tile and lift station in the NW1/4 of Section 7.
5. Why is this work necessary? Explain water related issue/problem being solved. Drainage.

### Status

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<tbody>
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### Conditions

P.A. #18125 – Wichterman tile – needs Ben. Area hearing – Red Lk. Co. A hearing was held at the Red Lake County Courthouse, and approval was granted to allow land in Emardville Twp. – sec. 7, to be drained, to outlet, and to be included into the benefitted area of County Ditch #62. (Land to be tiled, will also remain in County Ditch #60 benefitted area) The Red Lake Watershed District (RLWD) approves the pattern tile project that will “tie into” an existing tile project and lift station. 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.
Permit # 18-156
Status Report: Tabled

Applicant Information

<table>
<thead>
<tr>
<th>Name</th>
<th>Organization</th>
<th>Address</th>
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<tbody>
<tr>
<td>Brent Strand</td>
<td></td>
<td>3542 8th Street East West Fargo, ND 58078</td>
<td></td>
<td>tel:</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>mobile: 218-686-7886</td>
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General Information

(1) The proposed project is a:
Culvert Installation / Removal / Modification
(2) Legal Description
(3) County: Red Lake Township: Poplar River Range: 42 Section: 26 1/4: NW1/4
(4) Describe in detail the work to be performed. Replace existing 36"x20' culvert with a 36"x30' culvert in field approach.
(5) Why is this work necessary? Explain water related issue/problem being solved. Existing culvert has deteriorated.

Status

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Conditions

P.A. #18156 – ‘Tabled’ at 12-27-2018 Brd. 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, existing culvert sizes and flow patterns. Staff member, Loren Sanderson met with the applicant on Dec. 19, 2018, to discuss the permit, topography, culvert sizes, etc. The out of area landowner/applicant was unaware that there are 2 lines of 36 in. diameter pipes in the existing field entrance permit site.

NOTE: This permit does not relieve the applicant of any requirements for other permits which may be necessary from Township, County, State, or Federal Government Agencies.
Red River Watershed Management Board – LeRoy and I attended the RRWMB meeting held at the Ada Area Event Center in Ada at 9:30 am, December 18, 2018.

Thief River 1W1P – Advisory and Policy Committee meeting will be held at 9:30 am, Wednesday January 9, 2019 at the Red Lake Watershed District Board Room. We plan on having a teleconference with the Planning Workgroup tentatively scheduled for the afternoon of January 2nd. Section 4 of the plan will be the main topic for approval.

Minnesota Association of Watershed District Legislative Committee – Gene, representing MAWD, and I, representing Minnesota Association of Watershed Administrators took part in a teleconference at 10:00 am December 21st. The teleconference was intended to review all the resolutions from the past, as well as those recently approved by MAWD, to categorize and develop a strategy as we move through this year’s legislative session.

Board of Water and Soil Resource/Regional Conservation Partnership Program – Corey attended the Regional Conservation Partnership Program training session in Grand Rapids, December 20, 2018. This training session was intended to address the partnership program through NRCS and how it can be implemented with state funding for approved One Watershed One Plans.

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

New Years – Office will be closed Tuesday January 1st for New Year’s Day.
By Corey Hanson, Red Lake Watershed District Water Quality Coordinator. 12/21/2018.

✓ Thief River Blue-Green Algae Bloom
✓ Blue-Green Algae in Maple Lake
✓ District monitoring results
✓ Clearwater River Watershed Restoration and Protection Strategy Project
✓ Thief River Watershed Zonation Map

**Thief River Blue-Green Algae Bloom**

On Friday, Jul 13, 2018, a significant blue-green algae bloom was found in the Thief River near the golf course. District staff were notified of the bloom by Pennington County Soil and Water Conservation District (SWCD) staff. They had been alerted to the problem by a landowner. The river looked normal at the northern 140th Ave crossing of the river (“Hillyer Bridge”). However, while traveling south and nearing the “Golf Course Bridge” crossing of the river, there was a very noticeable, strange smell in the air. The river was a very abnormal green color.

Pennington SWCD staff helped photograph and find the extent of the bloom. They found floating, slimy mats of blue-green algae along the streambank within the golf course. They reported that the bloom extended upstream past the golf course clubhouse. The bloom had not yet traveled downstream to Long’s Bridge. Samples were collected. Latex gloves were used for protection during sampling. The slime from the blue-green algae coated sampling equipment, so it had to be thoroughly washed afterward. While driving back to the office, RLWD staff spotted Mayor Brian Holmer walking from the city hall building to his business and informed him of the problem. He shut down the beach (http://trfradio.com/2018/07/13/holmer-orders-tindolph-beach-closed-due-to-blue-green-algae/).
District staff printed and laminated water advisory signs. The signs were placed along the Thief River and the Red Lake River (downstream of the confluence) where people or pets might access the water. Photos and information about the bloom were shared on social media, law enforcement, the mayor, and city staff. District staff were interviewed for a Thief River Falls Times newspaper article.
Pennington SWCD and RLWD staff discussed the problem and agreed that a no-wake ordinance would help prevent future problems by minimizing the disturbance of sediment and reducing erosion along the river. Nutrient enrichment leads to algae blooms. Internal loading is the resuspension of nutrients into the water column. In shallow lakes, internal loading is caused by wave action and boat traffic. While investigating the blue-green algae bloom, several boats were observed traveling upstream and downstream. Active resuspension of sediment from the bottom of the river and erosion of river banks was observed after the fast-moving boats passed. Slower-moving watercraft had a lesser impact. Regardless of the presence of an algae bloom, it might be a good idea to have a no wake zone in the shallower and narrower parts of the Thief River to reduce erosion and damage to shoreline. A no-wake zone would also be good for the general safety for people that are using the river. Where the river is narrower, it could be dangerous for two boats to meet while rounding a corner if they are moving too fast. The no-wake idea was passed along to the major, along with other information about the blue-green algae bloom. The mayor, sheriff, and county attorney also thought that a no-wake ordinance was a good idea and quickly began working on a temporary no-wake ordinance. District staff provided additional information to city and county staff to help support the ordinance.

This was a problem that hasn’t been documented on this river before. It was likely that a number of factors combined to cause the problem like stagnant water, heat (warm water), and nutrients. Some things, like a lack of vegetative streambank protection, have existed there for some time without causing an algae bloom. There seemed to be a significant, more noticeable, amount of boat traffic up the Thief River (to the golf course and further upstream). Slow and careful travel might be okay and might not stir up too much sediment, but one of the observed boats was a pontoon pulling a water skier. They were traveling relatively fast and left a wake of stirred-up sediment behind them. Disturbing nutrient-rich sediment from the river bottom and adding nutrients to the water column can possibly (probably) make the algae problem worse.
When the weather cooled-off somewhat at the end of July, the blue-green algae bloom in the Thief River seemed to disappear. There no longer were visual signs of a bloom at the Golf Course Bridge or Long’s Bridge. Dissolved oxygen was abnormally low at the Golf Course Bridge on July 25th, which was a sign that the bloom had died-off and was decomposing. District staff conducted several tests on the water in the Thief River at Long’s Bridge during the
last week of July and all the tests indicated that blue-green algae and algal toxins are at very low, safe levels. A sample was collected (near-shore, surface water at Long’s Bridge) on July 26th and sent to RMB Environmental Laboratories. That sample was analyzed for the presence of any blue-green algae (toxic or not).

In a sample collected on July 13th (the day that we discovered the bloom), the lab found that the phytoplankton population in the sample was dominated by potentially toxic species of cyanobacteria (blue-green algae) and validated the initial concern about the bloom. In a sample collected on July 26th (collected after the bloom seemed to have cleared-up), the lab found that the blue-green algae in the sample were “not at concentrations that may cause harm.” The RLWD used Abraxis test strip kit to test for algal toxins on July 27th and the test did not show that a measurable amount of toxins was present (0 parts per billion). Samples were also sent to RMB Environmental Laboratories for an analysis called a “cyano scan.”

The Red Lake Watershed District removed the water advisory signs that were placed along the river once there no longer were indications of a threat from blue-green algae. However, we now know that a bloom is something that can happen in our area. So, we still recommend keeping an eye-out for potential blooms, especially during hot summer days, because blue-green algae can grow quickly and become dominant if conditions are “right.”


The issue caught the interest of the public in Thief River Falls. Approximately 70 people began following the RLWD Facebook page to stay updated on the issue. The RLWD’s Facebook post about the problem was shared 423 times. There were some questions from residents about the safety of the Red Lake River downstream of the Thief River confluence. Flow from the Red Lake River was much greater than flow from the Thief River (the flow in the Thief River was <1 cubic foot per second at the time), so any blue-green algae coming from the Thief River would have been diluted by the relatively clean water in the Red Lake River. A sample was collected from the Red Lake River (Hartz Park, 8/9/2018) and analyzed by RMB Environmental Laboratories to see if potentially toxic blue-green algae were present at levels that would be cause for concern and hopefully confirm that the water is safe. The lab found only a few colonies of a potentially toxic species of blue-green algae (Aphanocapsa sp.). The lab reported that the blue-green algae was present at such a low concentration that it was not very likely to cause any harm or other concerns.

Please feel free to contact the Red Lake Watershed District, the Pennington County Soil and Water Conservation District, or city staff/leadership if you ever see anything that might be a public health threat in the river.
Maple Lake Area Algae Problems

In response to complaints of nuisance algae in Maple Lake, the Red Lake Watershed District (RLWD) collected samples and utilized RMB Environmental Laboratories’ (RMB Labs) new algae identification service. A sample of lake water and floating algae clumps was collected from a dock in the Maple Bay area. Analysis by RMB Labs found that the dominant forms of phytoplankton were diatoms and green algae (Spirogyra). Spirogyra is common in freshwater habitats and may develop slimy, filamentous green masses. It can be a nuisance but is not harmful. In addition to identifying the dominant form of algae, however, the lab also noted that potentially toxic species of blue-green algae were also present in the sample. In response to that information, RLWD staff collected a sample that included multiple floating clumps of algae and tested it with an algal toxin test strip on July 6, 2018. The test indicated that there were approximately 5 µg/L of microcystin algal toxins in the sample. An algae sample was then collected for analysis by RMB Environmental Laboratories. The algal toxin test results were shared with the Maple Lake Improvement District and the Maple Lake, Mentor MN” Facebook group. The test revealed that algal toxins were present in the sample at a concentration of approximately 5 µg/L. Information on the EPA website categorizes that concentration as a “low risk.” Additional research has been done in order to better define “low risk” and will continue. The concentration of 4 µg/L was noted on the NOAA website as a level that could be an irritant to people with allergies. A microcystin (algal toxin) concentration of 4 µg/L is also noted as a draft EPA advisory concentration for recreational exposures (EPA recommends a swimming advisory for concentrations higher than that level).

The RLWD collected another sample from the public swimming beach on the north end of the lake on July 9, 2018 and sent it to RMB Labs for analysis. A more thorough analysis was conducted on that sample to accurately quantify the different types of phytoplankton. Cyanobacteria (blue-green algae) comprised 7.4% of the total units (cells/colonies/filaments) per liter of phytoplankton found in the sample.
Based on the discovery of the 4 ug/L draft EPA swimming advisory recommendations, the RLWD will collect and analyze additional samples for algal toxins and share the results with Maple Lake Improvement District board members, the Maple Lake, Mentor MN Facebook group, and with any other recommended outlets/individuals.

The lake was sampled again for algal toxins on July 27, 2018. Samples were collected from the swimming beach on the north end of the lake (wading depth) and from the boat access on the southwest end of the lake. Both samples had a microcystin algal toxin concentration of approximately 5 µg/L.

Agricultural runoff is one source of sediment and nutrient runoff to the lake that can be controlled with best management practices. The East Polk Soil and Water Conservation District and the RLWD will work together to submit a Clean Water Fund grant application to fund the installation of water and sediment control basins (WASCOBs) in the Clearwater River Watershed.

City of Clearbrook Pond Excavation and Illegal Channel Excavation along Clear Brook

While sampling, District staff learning that an excavation project was underway along Clear Brook. A contractor was working on draining water from the pond along Clear Brook, in the town Clearbrook, to facilitate additional excavation of sediment from the pond. The dark-colored, sediment-laden water was being pumped into the downstream channel. The downstream channel, between Main Street and CSAH 5, had been completely excavated. Vegetation and sediment had been scraped from the banks of the stream as if the contractor had been performing a ditch cleanout project. Clear Brook, however, is not a ditch. It is a protected public water. An
employee of the contractor (Dyrdahl Construction) said that the channel was excavated to “make it easier to mow.”

Unpermitted excavation along Clear Brook, looking upstream (east) from CSAH 5 in Clearbrook

Excavation along Clear Brook in the city park – looking upstream (east)
The culvert on the south (right) bank in this photo is the outlet of the stormwater pond
District staff contacted that area’s DNR hydrologist to ask about the project and let them know what was happening. The DNR staff had only permitted the excavation to deepen the pond upstream of the weir on the east (upstream) side of Main Street. The DNR had specifically instructed the city not to do any work on the channel downstream. The DNR had also not permitted the disposal of sediment in the downstream channel through the pumping of muddy water from the bottom of the pond.
Excavation within the pond along Clear Brook in the town of Clearbrook (the work that was permitted by the DNR)

Fill from the excavation, 20-25 yards north of the Clear Brook channel, along CSAH 5
Red Lake Watershed District Long-Term Monitoring Program

The third 2018 round of samples was collected for the District’s long-term monitoring program in July.

In July 2018 samples, **high total suspended solids** concentrations were found in:

- Darrigan’s Creek
- Mud River at Hwy 89 (28.8 mg/L)
- Moose River at CSAH 54 (>15 mg/L)
- Thief River at 380th St NE

**Low total suspended solids** concentrations (notably meeting total suspended solids the standard on impaired rivers) were found in:

- Red Lake River at CSAH 11 near Gentilly
- Red Lake River in Crookston
- Red Lake River at Fisher

In July 2018 samples, **high total phosphorus** concentrations were found in:

- Black River at CSAH 18
- Blackduck River
- Chief’s Coulee at Dewey Ave in Thief River Falls
- Clearwater River at CSAH 2
- Clearwater River at CR 127
- Clearwater River north of Plummer
- Clearwater River at CSAH 12, near Terrebonne
- Coburn Creek
- Cyr Creek
- Darrigan’s Creek
- Hill River at 335th Ave SE, upstream of Hill River Lake
- Hill River at CSAH 35, downstream of Hill River Lake
- Lost River upstream of Pine Lake
- Lost River at CSAH 28, north of Trail
- Lost River in Oklee
- Moose River at CSAH 54 (>0.05 mg/L)
- Mud River at Hwy 89 (0.072 mg/L)
- Nassett Creek
- North Cormorant River
- O’ Briens Creek
- Pennington County Ditch 21 at 135th Ave NE
- Poplar River at CSAH 30 near Fosston
- Poplar River at 310th St SE
- Poplar River at CR 118
- Ruffy Brook at CSAH 11
• Silver Creek at CR 111
• South Cormorant River
• Thief River at 380th St NE

In July 2018 samples, **high E. coli bacteria** concentrations were found in:
• Beau Gerlot Creek at CR 114
• Coburn Creek
• Darrigan’s Creek
• Gentilly Creek at CSAH 11 in Gentilly
• Hill River at CSAH 35, downstream of Hill River Lake
• Hill River at CR 119 near Brooks (>2,419.6 MPN/100ml)
• Judicial Ditch 30, north of Thief River Falls
• Kripple Creek near Gentilly
• Lost River at CSAH 8, near Gonvick – the concentration was low at the outlet of Pine Lake, so there was a significant increase in the concentration between Pine lake and CSAH 8.
• Lost River at CSAH 28, north of Trail
• Lower Badger Creek at 150th Ave SE
• Lower Badger Creek at CR 114
• O’ Briens Creek
• Poplar River at CSAH 30 near Fosston
• Poplar River at CR 118
• Ruffy Brook at CSAH 11
• Silver Creek at 159th Ave
• South Cormorant River

**Low dissolved oxygen** concentrations were found in:
• Chief’s Coulee at Dewey Ave in Thief River Falls
• Coburn Creek
• Little Black River at CR 102
• Lost River upstream of Pine Lake
• Moose River at CSAH 54
• Thief River at 380th St NE
• Thief River at the “Golf Course Bridge” north of Thief River Falls during die-off of the blue-green algae bloom
• Walker Brook at CSAH 19 near Bagley

**River Watch**

RLWD Natural Resource Specialist Ashley Hitt assisted the International Water Institute with planning and running a River Watch Summer Retreat at the University of Minnesota, Crookston. Activities during this July 17-18 event included team building, macroinvertebrate sampling, leadership development, kayaking the Clearwater River in Red Lake Falls, and more.
Clearwater River Watershed Restoration and Protection Strategy (WRAPS) Project

- Objective 9 – Civic Engagement
  o District staff attended a Maple Lake Improvement District (MLID) meeting on July 14, 2018 at the Mentor Community Center. Staff spoke to the standing-room-only crowd about water quality in the lake and blue-green algae issues. Notes:
    - Representatives from the East Polk SWCD, RLWD, Polk County Sheriff’s Department, Polk County Assessor, MN DNR, townships, and county government also spoke at the meeting.
    - The no-wake rule for most lakes, like Maple Lake, only applies to personal water craft.
    - There was an infestation of “stringy” weeds in Maple Lake in 2017.
    - There have been complaints about wake board boats coming too close to shore and creating wakes.
    - There was some discussion about how to warn the public if high levels are found (newspaper, signage, word of mouth, and/or radio).
    - The East Polk SWCD is working on a lakescaping project at the Lake Sarah campground.
    - A lake resident voiced concern about the amount of impervious surface around the lake and the effect that it might be having on water quality.
    - Lake residents expressed interest in educational opportunities.
    - Maple Lake opened up (ice off) early this year, in April 2018.
    - Lake Bronson has also been having blue-green algae problems.
    - There was some discussion about whether the MLID could provide some cost share for lakescaping. Copies of the annual budget were available at the meetings. Only $2,004.90 was spent on aeration and “lake management/quality” out of the $51,150 budget. Most of the association’s expenditures (nearly 86%) went toward administration, mosquito spraying, and street lighting. To spend more on projects that improve conditions in the lake, the group may need to make tough decisions about how to scale-back or more efficiently accomplish those big three items.
    - Dissolved oxygen levels were okay when they were tested last winter

- Objective 10 – Report Writing
  o Progress was made on writing sections of the Clearwater River Total Maximum Daily Load report
  o A semi-annual progress report was completed and sent to the MPCA

Thief River One Watershed One Plan (1W1P)

District staff prepared a presentation about the Thief River TMDL/WRAPS process. A Thief River 1W1P meeting (all committees) was held on July 11, 2018. District staff provided annual budget information to Houston Engineering for a section of the report. District staff reviewed a draft version of Section 5 of the Thief River 1W1P document. MN DNR staff completed a zonation model for the Thief River watershed. The following images show the layers that influenced the model and the final zonation output map.
Red Lake River Fish Kill

Algae clumps were sampled near the River Valley Bridge and analyzed for the presence of algal toxins on July 6, 2018. The test indicated that there were no microcystin algal toxin present in the sample.

Polk County Fair

The RLWD set up a booth at the Polk County Fair in Fertile. District staff created a display and handouts for the event. One-page handouts for the Clearwater River WRAPS, Maple Lake water quality, Cameron Lake water quality, and the Grand Marais Creek Outlet Restoration Project were printed for the booth. Staff took turns checking on the booth and restocking the handouts and free pens/candy/notepads.

Thief River Watershed Restoration and Protection Strategy (WRAPS)

The Thief River Watershed Restoration and Protection Strategy and the Thief River Total Maximum Daily Load reports were officially released for public comment on June 25, 2018. A semi-annual progress report was completed and sent to the MPCA Project Manager.

July 2018 Meetings and Events

- July 11-15, 2018 - Polk County Fair
  - The RLWD set up a booth at the 2018 Polk County Fair
- July 14, 2018 – Maple Lake Improvement District Annual Meeting
• **July 25, 2018** – 319 Small Watershed Focus Grant teleconference to discuss applying for funding to restore a portion of the Red Lake River

**Other Notes**

• Water quality related notes from the July 12, 2018 Red Lake Watershed District Board of Managers meeting:
  - Clearwater SWCD staff Chester Powell and Jamin Carlson appeared before the Board to request funding from the District’s Erosion Control Funds for the installation of four side water inlet culverts/grade stabilizations along the Lost River on Branch 2 of Judicial Ditch 72 (Section 20, Winsor Township). The Board approved the Clearwater SWCD’s request of a 25% cost share of the estimated cost of $28,811.
  - Manager Dwight stated that it was determined that Bartlett Lake does not have a water quality issue, rather there are just too many good weeds. Discussion was held on weed harvesting and chemical products to create travel lanes to the lake. Staff member Corey Hanson and Denise Oakes with the MPCA will investigate the options.

• Water quality related notes from the July 26, 2018 Red Lake Watershed District Board of Managers meeting:
  - Zack Gutknecht (Beltrami SWCD) and Jamin Carlson (Clearwater SWCD) appeared before the Board to request funding from the District’s Erosion Control Funds for on four shoreline restoration and protection projects located on the Clearwater Lake. Gutknecht stated that they assisted the Clearwater Lake Area Association (CLAA) with an application from Enbridge Energy Ecofootprint Grant in 2017. The CLAA is concerned about declining water quality due to the erosion on the shoreline and bluffs. The application was awarded, and the SWCD received a $75,000 grant which requires a 2:1 match. Each landowner will be required to pay a 10% match. The Beltrami SWCD requested $12,500 for two sites in Beltrami County and the Clearwater SWCD requested $4,798 for two sites in Clearwater County from the District’s 2018 Erosion Control Funds. The Board approved both cost share requests.
  - Manager Torgerson discussed a project located in the Clearbrook area by the local dam. Jamin Carlson, Clearwater SWCD, stated that he was unaware of any current projects located in Clearbrook.

• East Polk SWCD staff reported that they had found blue-green algae in Badger Lake, near the access.

• A semi-annual progress report for the Grand Marais Creek watershed Restoration and Protection Strategy – Public Notice project was completed and sent to the MPCA Project Manager.

• A semi-annual progress report for the Red Lake River WRAPS – Public Notice project was completed and sent to the MPCA Project Manager.

• The Pennington County SWCD received a grant from the National Association of Conservation Districts to hire a technician to design side water inlets and the associated planning for EQIP contracts in the Red Lake River 1W1P area.
• Kiosks and informational displays were constructed and installed at impoundments
Red Lake Watershed District Monthly Water Quality Reports are available online: http://www.redlakewatershed.org/monthwq.html.

Learn more about the Red Lake Watershed District at www.redlakewatershed.org.

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

“Like” the Red Lake Watershed District on Facebook to stay up-to-date on RLWD reports and activities.