

RED LAKE WATERSHED DISTRICT

October 24, 2019

Agenda

9:00 a.m.

9:00 a.m.	Call to Order	Action
	Review and approve agenda	Action
	Requests to appear	Information
	October 10, 2019 Minutes	Action
	Financial Report dated October 23, 2019	Action
	Investment Summary	Info./Action
9:15 a.m.	Jess Determan, Field Drainage, Inc.	Information
	Thief River Falls Westside FDR Project, RLWD Project No. 178	Information
	Marshall County Emergency Management	Information
	Impoundment Update	Info./Action
	Impoundment Gate Operators	Info./Action
	Revise District Rules and Regulations-Timeline	Information
	RLWD Permit No. 17056, Gary Roisland, Kratka Township	Info./Action
	Table Permits No. 19162 and 19163, MnDOT	Action
	Permits: No. 19157, 19169, 19176-19193	Action
	MAWD Annual Meeting	Information
	December 26, 2019 Board Meeting	Info./Action
	Administrators Update	Information
	Legal Counsel Update	Information
	Managers' updates	Information
	Adjourn	Action

UPCOMING MEETINGS

October 29, 2019	Clearwater County Commissioners Meeting, 9:00 a.m.
November 11, 2019	Veterans Day – Office Closed
November 14, 2019	RLWD Board Meeting, 9:00 a.m.
November 26, 2019	RLWD Board Meeting, 9:00 a.m. (Notice Change of Date)
November 28-29, 2019	Thanksgiving Holiday-Office Closed
December 5-7, 2019	MAWD Annual Meeting
January 14-16, 2020	37 th Annual Red River Basin Land & Water International Summit Conference-Fargo

DRAFT

RED LAKE WATERSHED DISTRICT
Board of Manager's Minutes
October 10, 2019

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

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

The Board reviewed the September 26, 2019 minutes. Motion by Sorenson, seconded by Page, to approve the September 26, 2019 Board meeting minutes. Motion carried.

The Board reviewed the Financial Report dated October 9, 2019. Motion by Tiedemann, seconded by Ose, to approve the Financial Report dated October 9, 2019, as presented. Motion carried.

Staff member Arlene Novak reviewed the General Fund Budget as of September 30, 2019.

Matt Fischer, BWSR appeared before the Board to present the District with a plaque recognizing the Red Lake Watershed District's 50th Anniversary.

Administrator Jesme stated that the Red Lake River 1W1P, RLWD Project No. 149, Advisory Committee and Planning Work Group met to review and make recommendations to the Workplan to be submitted to the Policy Committee for review and approval. Included in the Workplan, was \$185,000 to assist with repairs to the outlet of Ditch 10, RLWD Project No. 161.

Staff from the U.S. Army Corps of Engineers (USCOE), notified Administrator Jesme that the USCOE permit for the construction of Ditch 16, RLWD Project No. 177, should arrive on October 11, 2019. The USCOE acknowledged that the Contactor for the project was told that construction could begin on Highway 220, as the USCOE did not have jurisdiction in that area.

Administrator Jesme is working with Attorney John Kolb, to complete the easements, with the landowners, on the Thief River Falls Westside Project, RLWD Project No. 178. Discussion was held on waiting to payout the damages, until bids for construction are received. Purchase of the property from Marland and Sharon Johnson is proceeding. All permits are received, except for the USCOE permit. Engineer Nate Dalager, HDR Engineering, Inc., stated that he would like to proceed with advertising for bids in November, with a bid opening date in December.

Staff members Loren Sanderson and Nick Olson updated the Board on recent District Impoundment activity. Sanderson stated that the Lateral 2 gate has been opened since September on the Parnell Impoundment, RLWD Project No. 81, but the west pool gate has been closed, as the drainage area for the impoundment had not received the big rain events like the Euclid East Impoundment, RLWD Project No. 60C and the Brandt Impoundment, RLWD Project No. 60D. Sanderson noted that the 80-acre Flood Storage Easement site just downstream of the Parnell Impoundment is almost to capacity and we will need to start releasing water today. Water at the south pool of the Moose River Impoundment, RLWD Project No. 13 is 2' below the top of the weir, with Agassiz NWR starting to release water yesterday. The North Pool of the Moose River Impoundment is .4' from going over the weir. The DNR indicated that Thief Lake WMA is 1.5' higher in water than what they would like to be, but the District may have to start releasing water. Sanderson estimated that the District would need to release 14,000 ac.ft. of water from the Moose River Impoundment to get it to the winter pool elevation. At 200 cfs per day, it would take approximately 35 days to release the water. Olson stated that inflows at Euclid East and Brandt Impoundment's are dropping off, but water is coming in .4' over the weir at the Euclid East Impoundment and .2' at the Brandt Impoundment, so the water is going over the structure. Brandt Impoundment is currently open 9", and the channel immediately downstream is full, with more capacity west of Highway 75. Engineer Nate Dalager, HDR Engineering, Inc., stated that water is also coming in downstream of the impoundments, plus current vegetation restricts water more than in the Spring. Administrator Jesme discussed the importance of draining down the impoundments prior to freeze-up and the assumed timeline it would take. Dalager noted that the current operation of the impoundments is about as good as it can be. Discussion was held on obtaining additional easements downstream of the Brandt Impoundment where there presently was not a channel restoration project completed. Matt Fischer stated that a Watershed Based Implementation Program funds can be used for easements for multipurpose projects.

Staff member Nick Olson stated that the District received RLWD Permit No. 19176, PCB & MDB, LLLP, Lambert Township, Red Lake County, on October 7, 2019 for the installation of tile. When Olson arrived on site, on October 9, 2019, the proposed work on the application was already completed. The Board discussed submitting a letter of warning for unauthorized/unpermitted work to the applicant. Motion by Ose, seconded by Tiedemann, to approve RLWD Permit No. 19176, PCB & MDB, LLLP, Lambert Township, Red Lake County, with conditions stated on that permit, and to submit a letter of warning to the applicant for unauthorized/unpermitted work. Motion carried. Discussion was held on amending the District's Rules and Regulations to include designating the contractor liable for non-permitted work. Legal Counsel Sparby discussed sending a letter to Field Drainage, Inc., informing them that if they have one more violation, the District would send an injunction to the District Court, where Field Drainage, Inc., would not be allowed to work within the District boundaries. Motion by Dwight, seconded by Sorenson, that due to repeated violations by Field Drainage, Inc., any subsequent violation of the District's Permit Rules and Regulations, will result in the District seeking injunctive relief from the District Court to prohibit and restrain Field Drainage, Inc., from conducting tile drainage within the jurisdiction of the District. Motion carried.

The Board reviewed the permits for approval. Motion by Page, seconded by Ose, to approve the following permits with conditions stated on the permit: No. 19141 and 19142, Folsom Farms Corporation, Sullivan Township, Polk County; No. 19155, Red Lake County Highway Department, Wylie Township, Red Lake County; No. 19158, Andrey Lisoff, Maple Lake Flats, LLC, Grove Park Township, Polk County; No. 19160 Carolyn Faivre, Terrebonne Township, Red Lake County; No. 19161, Donovan Dyrdal, Bray Township, Pennington County; No. 19164, Howard Applequist, Onstad Township, Polk County; No. 19165 and 19166, Mike Altepeter, Louisville Township, Red Lake County; No. 19167, Pederson Brothers, Terrebonne Township, Red Lake County; No. 19168, Curtis Amundson, Sullivan Township, Polk County; No. 19170, Scott Strand, Badger Township, Polk County; No. 19171, Ross Hegge, Equality Township, Red Lake County; No. 19172, Bray Township, Pennington County; No. 19173, John L. Lubitz, Excel Township, Marshall County; No. 19174, Dale Kolseth, Wyandotte Township, Pennington County; and, No. 19175, Rudy Applequist, Onstad Township, Polk County. Motion carried.

Administrator Jesme indicated that the November 28, 2019, Board meeting date falls on Thanksgiving Day. Motion by Ose, seconded by Dwight, to change the November 28, 2019 Board meeting date to November 26, 2019 at 9:00 a.m. at the District office. Motion carried.

Administrators update:

- Jesme and Manager Ose will attend the October 15, 2019 RRWMB meeting in Ada.
- On October 1, 2019, Jesme and the respective managers presented the 2018 Annual Report to the Polk County, Marshall County and Beltrami County Commissioners. Jesme also attended the Pennington County Commissioner meeting on October 8th and will meet with the Clearwater County Commissioners on October 29th.
- The Red Lake River 1W1P Planning Work Group and Advisory Committee members met to discuss upcoming projects and funding for the 2020 fiscal year and assisting with the Work Plan for the upcoming funding cycle.
- Due to weather issues, the project that the District cost shared with funds from the 2019 Erosion Control Funds with the Clearwater SWCD will not be completed until next year.
- Jesme reminded the Board that the District Flu shot Clinic will be held on October 24, 2019 at 8:15 a.m.

Manager Ose encouraged the District staff to attend the MAWD Drainage Rules seminar.

Manager Ose indicated that he may not be available to attend the November 2019 RRWMB meeting to be held at the District office. Ose noted that his alternate is Manager Torgerson who will also be unavailable. Ose requested that the District appoint an additional alternate. Motion by Ose, seconded by Page, to appoint Manager Nelson as an additional alternate to the RRWMB, in the event that Managers Ose and Torgerson are unable to attend. Motion carried.

Legal Counsel Delray Sparby indicated that he will draft a letter to be submitted to Field Drainage, Inc.

Manager Dwight asked if any public comment had been received on the draft Thief River 1W1P. Matt Fischer stated that BWSR had received comments from landowner, Darrold Rodahl, and the U.S. Fish and Wildlife Service.

Discussion was held on forming a committee to work on the District's Rules and Regulations regarding tiling.

The Board recessed for lunch at the District office for a retirement party for Staff member Loren Sanderson.

After the retirement party and staff lunch was over, motion by Ose and seconded by Sorenson to adjourn the meeting. Motion carried.

Terry Sorenson, Secretary

RED LAKE WATERSHED DISTRICT
Financial Report for October 23, 2019

Ck#	Check Issued to:	Description	Amount
online	EFTPS	Withholding for FICA, Medicare, and Federal taxes	4,588.39
online	MN Department of Revenue	Withholding taxes	867.23
online	Public Employees Retirement Assn.	PERA contributions	2,980.53
online	EFTPS	Withholding for FICA, Medicare, and Federal taxes	4,374.18
online	MN Department of Revenue	Withholding taxes	819.21
online	Public Employees Retirement Assn.	PERA contributions	2,855.93
online	MN Department of Revenue	Withholding taxes	93.38
37808	Putzy's Catering	Board meeting meals	320.62
37809	Voided check		-
37810	Ameripride Services Inc.	Office rug rental	41.45
37811	Cenex Credit Card	Gas for vehicles (2)	437.60
37812	Delta Dental	Dental insurance premium	437.45
37813	Farmers Union	Gas for vehicles	782.66
37814	Further	FSA account fees	8.85
37815	HDR, Inc.	Flood management for Brandt and Euclid East impoundments	1,719.32
37816	Houston Engineering, Inc.	* Engineering fees	16,735.25
37817	Marco	** See below for explanation	1,134.43
37818	Michaels Meats, Inc.	Reimbursable meals for FDRWG meeting	47.16
37819	MN DNR	3 year registration for Arctic Cat snowmobile	111.00
37820	Dale M. Nelson	Mileage	127.60
37821	Northwest Beverage, Inc.	H2O for office	36.75
37822	Northwestern Mutual Financial	Deferred Compensation	808.06
37823	Pennington SWCD	Red Lake River 1W1P reimbursements	3,951.25
37824	PKM Electric Cooperative	Cable replacement-Ditch #16	3,000.00
37825	Rinke Noonan	Monthly legal services retainer	200.00
37826	RMB Environmental Laboratories	Lab analysis on water quality samples	1,638.00
37827	Loren Sanderson	Mileage reimbursement	31.32
37828	Sun Life Financial	Life insurance premium	139.01
37829	Thief River Falls Times	1000 #10 regular envelopes	75.30
37830	Triple D Construction	Remove beaver dam, replace culvert, and level spoil	2,375.00
37831	Robert Wagner	Viewers fees, mileage and meals for Ditch #17	2,631.56
37832	West Polk SWCD	Red Lake River 1W1P reimbursements	4,703.13
37833	HDR, Inc.	Thief River Westside FDR engineering fees	205,417.79
37834	Marco	Telephone expense	336.82
37805	Voided check	Triple D Construction	(4,750.00)
direct	Allan Page	Mileage	71.92
online	Aflac	Staff paid insurances	1,048.50
online	Cardmember Services	***See below for explanation	316.48
	Payroll		
	Check #11790 - 11800		<u>14,325.01</u>
	Total Checks		\$ 274,838.14

*** Houston Engineering, Inc.**

Proj. 149 Ditch 10 Outlet Repair	8,317.25
Proj. 176 Black River Impoundment	<u>8,418.00</u>
Total	16,735.25

**** Marco**

Monthly copier maint. and colored cop	946.93
Office 365 monthly fee	<u>187.50</u>
Total	1,134.43

***** Cardmember Services**

AT&T-cell phone expense	278.95
Sportsman Lodge-meeting expense	<u>37.53</u>
Total	316.48

Banking**Northern State Bank**

Balance as of October 9, 2019	\$ 192,798.97
Total Checks Written	(274,838.14)
Receipt #989625 Transfer in from American Federal Bank	<u>200,000.00</u>
Balance as of October 23, 2019	<u><u>\$ 117,960.83</u></u>

Border State Bank

Balance as of September 25, 2019	\$ 18,268.75
Receipt #989614 Border State Bank-Monthly interest	<u>8.86</u>
Balance as of September 30, 2019	<u><u>\$ 18,277.61</u></u>

American Federal Bank-Fosston

Balance as of October 9, 2019	\$ 3,257,001.41
Receipt #989622 Red Lake County-Taxes in lieu of	147.80
Receipt #989623 RRWMB-Reallocation of surplus mediation funds	4,987.73
Receipt #989624 Garden Valley Technologies-Refund of telephone	4.04
Receipt #989625 Transfer to Northern State Bank	<u>(200,000.00)</u>
Balance as of October 23, 2019	<u><u>\$ 3,062,140.98</u></u>

Bremer Bank

Balance as of September 25, 2019	\$ 2,301,635.21
Receipt #989616 Bremer Bank-Monthly interest	<u>\$ 4,040.79</u>
Balance as of September 30, 2019	<u><u>\$ 2,305,676.00</u></u>

Red Lake Watershed District
as of October 24, 2019

<u>Name of Institution</u>	<u>Purchase/ Current Value</u>	<u>Int. Rate</u>	<u>Mat. Date</u>	<u>*Maturity Amount</u>
10010 Northern State Bank (checking)	\$ 117,960.83	0.70%		\$ 117,960.83
10020 Border State Bank (Investor savings) Thief River Falls	\$ 18,277.61	0.60%		\$ 18,277.61
10030 American Federal Bank Fosston	\$ 3,062,140.98	1.74%		\$ 3,062,140.98
10040 Bremer Bank Detroit Lakes	\$ 2,305,676.00	1.95%		\$ 2,305,676.00 *
10890 RiverWood Bank-Bemidji (Bagley) Interest paid at maturity	\$ 200,000.00	2.35%	11/8/2019	\$ 204,700.00
10380 Edward Jones	\$ 200,000.00	2.75%	12/27/2019	\$ 200,000.00
10260 CDARS-The Park Nat'l Bank, Newark,OH (int.pd quarterly via check)	\$ 200,000.00	2.25%	9/5/2020	\$ 200,000.00
10710 CDARS-Poppy Bank & Park Nat'l Bank (int.pd monthly via check)	\$ 200,000.00	2.50%	10/1/2020	\$ 200,000.00
10880 Ultima Bank-Fosston (int. compounded sem-annually)	<u>\$ 600,000.00</u>	2.00%	10/22/2020	<u>\$ 612,000.00</u>
	<u>\$ 6,904,055.42</u>			<u>\$ 6,920,755.42</u>

* \$2.3 million designated for Ditch 16

** The total amount in reserved funds is \$2,507,370 (includes the \$2.3 mil.)

IHLE SPARBY & HAASE PA

Attorneys At Law
312 Main Avenue North
PO BOX 574
Thief River Falls, MN 56701

PAUL IHLE, Retired
DELRAY SPARBY
NATHAN HAASE

TELEPHONE: 218-681-7373
FACSIMILE: 218-681-7375
ihlespar@mncable.net

October 10, 2019

Field Drainage, Inc.
814 Hwy 92 W
PO Box 66
Brooks, MN 56715

RE: Subsurface Tile Drainage Permit Requirement
PCB & MDB LLLP Permit #19176

Dear Field Drainage, Inc.:

The Red Lake Watershed District has again found that you have installed subsurface drainage tile in the Red Lake Watershed District's jurisdiction without properly applying for or obtaining a Subsurface Tile Drainage Permit from the Red Lake Watershed District. The failure to apply for a drainage tile permit could have adverse affects on the management of water resources.

You are well aware of the fact that a permit is needed. A letter from this office was sent to you on September 26, 2018 in regard to a prior violation of the permit requirement. This is at a minimum, the third violation of the Red Lake Watershed District permit rule requirements. It is obvious that you feel that the rule requirements are not important or that you are not subject to the rule requirements.

The District's Rules state:

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

In short, watershed districts may bring action to stop or prevent a violation, to require compliance and action to fix the consequences of a violation, to recover enforcement expenditures, and to charge a violation as a criminal misdemeanor.

Field Drainage, Inc. Letter

October 10, 2019

Page Two

The District' Rules further provide that:

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

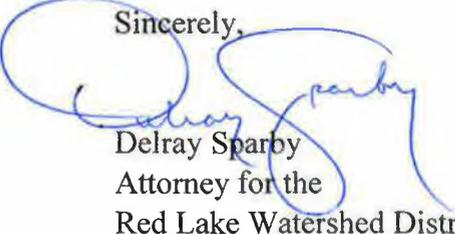
In addition to the remedies provided in Minnesota Statute 103D.545 and other remedies provided for in these rules, in those instances where work has been performed before a permit has been approved, the District may require that the real property be returned to its original condition before consideration of the "After The Fact" permit application. The District may also require the applicant to pay actual engineering and attorney's fees, allowed by law, incurred by the District in dealing with the un-permitted work. The Board of Managers has indicated that they are inclined to require the same for any subsequent violation by you.

Please be advised that if you subsequently violate the Subsurface Tile Drainage permit requirement, that the violation will be reported to the appropriate County Sheriff's Department as a Misdemeanor criminal violation and the matter will be fully prosecuted.

Additionally, our office has been instructed that any subsequent violation of the permit rules will result in the Red Lake Watershed District seeking injunctive relief from the District Court to prohibit and restrain your firm from conducting tile drainage within the jurisdiction of the Red Lake Watershed District.

Further, the Board of Managers may require the land owner to return the real property to its original condition as a prerequisite of considering any permit application.

Sincerely,



Delray Sparby
Attorney for the
Red Lake Watershed District

cc. Red Lake Watershed District



208 E. Colvin Ave, Ste. 5
Warren, MN 56762
218-745-5841

Dear Marshall County Cities, Townships, and other eligible applicants:

Due to the 2019 fall heavy rainfall/flooding events Marshall County is potentially eligible for a federal or state disaster declaration for damages relating to this event. The next step in this process will be the collecting preliminary damage estimates from all local eligible applicants. You are receiving this letter because you have been identified as an eligible applicant. A state disaster declaration will reimburse 75% of all local government's eligible costs, and a federal declaration will reimburse 100% of eligible costs. It is very important that all applicants seeking reimbursement under the Public Assistance Program contact our department and report any damages, with an estimated cost associated with it. If we are deemed eligible by the State of Minnesota a future Applicant Briefing will be scheduled. I would like any jurisdictions with damages to contact me and I will be compiling a list and informing those affected if/when an Applicant Briefing would occur.

Please contact me if this disaster has affected your jurisdictions.

Sincerely,

Josh Johnston
Emergency Management Director
218-745-5841
Josh.johnston@co.marshall.mn.us



Loren Sanderson

From: Loren Sanderson
Sent: Friday, October 18, 2019 4:31 PM
To: Myron Jesme (Myron.Jesme@redlakewatershed.org); Dale Nelson; Nick Olson
Subject: Impoundment Gate tenders

We have gate tenders for our Moose R. Imp. and also for the Euclid, Brandt, and Parnell Imp's. These two men are very valuable to us as they live near the projects, keep notes of water levels and are our "eyes on the ground". Neither have had a cost increase.

Moose R. is Jerry Rychlock and he is ready to step down after about 20 yrs. – He gets paid on a per trip basis - \$45.00 – Round trip miles is about 30 miles and depending on gate operation the amount of time varies. His son is willing to take over for a per trip cost of - \$75.00

Tony Salentine started nearly 18 years ago doing the gates and notes on Parnell – and in recent years also took on the Euclid and Brandt Imps. when the former gate man moved to Grand Forks.

Tony gets paid by the hour, currently is \$20.00 – I don't think \$40.00 is out of line with the added duties.

I believe both of these men and Jerry's son are worthy of the increase, I can't count how many times they have 'come through in the time of need'.

Thank You.

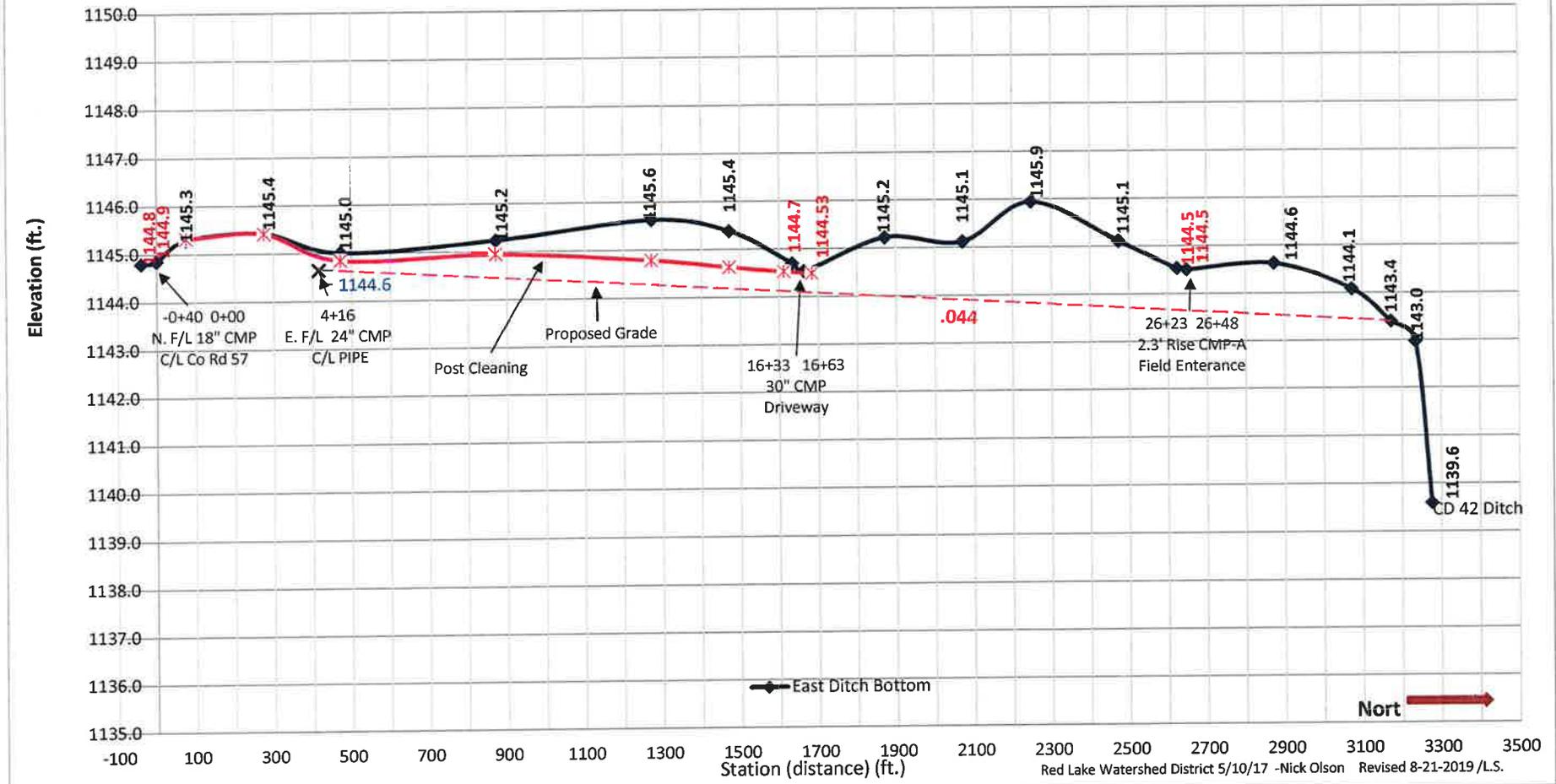
Loren Sanderson
Engineering Specialist
Red Lake Watershed District
1000 Pennington Avenue South
Thief River Falls, MN 56701
218-681-5800 Office
218-686-9695 Cell

Roisland #2



Generated with the GeoMOOSE Printing Utilities

P.A. #19056 - Gary Roisland - Penn. Co. - Kratka Twp.





Permit # 19-162

Status Report: **Tabled**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
	Minnesota Department of Transportation	3920 Highway 2 West Bemidji, MN 56601		tel:218-755-6527 mobile: fax:

General Information

(1) The proposed project is a:

Road Grading

(2) Legal Description

(3) County: **Polk** Township: **Gentilly** Range: **45** Section: **None 1/4**:

(4) Describe in detail the work to be performed. **Bituminous mill and overlay and crack and seal underlying concrete. New westbound left turn (one constructed at RP 39.53 (strata facility) will require extension of existing median drain. Six entrance culverts will be replaced and two centerline culverts lined.**

(5) Why is this work necessary? Explain water related issue/problem being solved. **Preserve pavement infrastructure, perpetrate existing drainage and improve safety.**

Status

Status	Notes	Date
Tabled		Oct. 23, 2019
Received		Sept. 27, 2019

Conditions

P.A. #19162 – MN DOT - I recommend this permit be “tabled” to allow for additional time to inspect the permit area. N.J.O.

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



Permit # 19-163

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
	Minnesota Department of Transportation	3920 Highway 2 West Bemidji, MN 56601		tel:218-755-6527 mobile: fax:

General Information

(1) The proposed project is a:

Road Grading

(2) Legal Description

(3) County: **Pennington** Township: **Northwood** Range: **43** Section: **None 1/4**:

(4) Describe in detail the work to be performed. **Bituminous reclaim on TH 1 from CSAH 18 to MN 219. Project will also reconstruct all entrances to bring slopes up to current safety standards. All entrance culverts and one centerline culvert will be replaced.**

(5) Why is this work necessary? Explain water related issue/problem being solved. **To extend useful service life of the pavement, perpetrate existing drainage facilities and improve safety.**

Status

Status	Notes	Date
Approved		Oct. 23, 2019
Received		Sept. 27, 2019

Conditions

I recommend this permit be “tabled” to allow for additional time to inspect the permit area. N.J.O.

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



Permit # 19-157

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Ray Martell		17377 210th Street SE Red Lake Falls, MN 56750		tel: 701-226-5327 mobile: fax:

General Information

(1) The proposed project is a:

Tiling

(2) Legal Description

(3) County: **Red Lake** Township: **Gervais** Range: **43** Section: **36 1/4**: **NW1/4**

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

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

Status

Status	Notes	Date
Approved		Oct. 23, 2019
Received		Sept. 23, 2019

Conditions

The Red Lake Watershed District (RLWD) approves the pattern tile project with a 'gravity' outlet. If any work is within a public road and/or public ditch Right-of-Way, applicant shall contact the appropriate road/ditch authority for their approval and must meet their specs/conditions. Permit Holder shall contact the township authorities when cutting through township roads. 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. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) N.J.O.

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



Permit # 19-169

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
	Garden Valley Technologies	PO Box 259 Erskine, MN 56535		tel:218-687-5251 mobile: fax:

General Information

(1) The proposed project is a:

Utility Installations

(2) Legal Description

(3) County: **Polk** Township: **Woodside** Range: **43** Section: **3 1/4**:

(4) Describe in detail the work to be performed. **Install buried fiber optic line to bring service to new tower site.**

(5) Why is this work necessary? Explain water related issue/problem being solved. **Customer requested fiber optic installed to bring service.**

Status

Status	Notes	Date
Approved		Oct. 23, 2019
Received		Sept. 30, 2019

Conditions

Red Lake Watershed District (RLWD) approval as per approval of all affected road and ditch authorities and utilities; new lines shall be installed at a minimum of at least 3 feet below the flowline (channel bottom) of rivers, streams, ditches, legal and natural drains. N.J.O.

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



Permit # 19-176

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
	PCB & MDB, LLLP	706 MN Hwy 222 Oklee, MN 56742		tel: mobile: 218-280-8353 fax:

General Information

(1) The proposed project is a:

Tiling

(2) Legal Description

(3) County: **Red Lake** Township: **Lambert** Range: **41** Section: **25 1/4: NE1/4**

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

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

Status

Status	Notes	Date
Approved		Oct. 11, 2019
Received		Oct. 7, 2019

Conditions

Applicant must be aware that this is an after-the-fact permit, as work was completed prior to Red Lake Watershed District (RLWD) staff inspection of project area. RLWD approves the pattern tile project with a 'Lift Pump' outlet. If any work is within a public road and/or public ditch Right-of-Way, applicant shall contact the appropriate road/ditch authority for their approval and must meet their specs/conditions. Directly downstream of the tile and/or pump station(s) outlets, applicant shall ensure that adequate grade and drainage is provided. ■ Note: Please be aware of and review the 'bullet points' on the bottom half of the application. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) N.J.O.

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



Permit # 19-177

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
	Minnesota Department of Natural Resources	246 125th Avenue NE Thief River Falls, MN 56701		tel:218-681-0946 mobile: fax:

General Information

(1) The proposed project is a:

Culvert Installation / Removal / Modification

(2) Legal Description

(3) County: **Marshall Township: Eckvoll Range: 40 Section: 29 1/4: SW1/4**

(4) Describe in detail the work to be performed. **Replace existing 15" diameter entrance culvert with an 18" diameter culvert.**

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

Status

Status	Notes	Date
Approved		Oct. 10, 2019
Received		Oct. 4, 2019

Conditions

Red Lake Watershed District (RLWD) approval to remove a 15" diameter entrance culvert and install an 18" diameter culvert, as per approval of Marshall County Highway Department; proposed work is within County Road #7 Right-of-Way. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) N.J.O.

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



Permit # 19-178

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Tom Scholin		16656 120th Street NW Thief River Falls, MN 56701		tel: mobile: 218-686-0123 fax:

General Information

(1) The proposed project is a:

Tiling

(2) Legal Description

(3) County: **Pennington** Township: **Bray** Range: **45** Section: **22 1/4: SE1/4**

(4) Describe in detail the work to be performed. **Install pattern tile with gravity outlet (re-apply of permit application #16-120)**

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

Status

Status	Notes	Date
Approved		Oct. 23, 2019
Received		Oct. 4, 2019

Conditions

(Re-apply P.A. 16120) Red Lake Watershed District (RLWD) approval for pattern tile project with 'gravity' outlet's. Some of the proposed work is adjacent to Pennington County Road #67, and also, the tile lines in section 22 and 27, outlet into Branch #3 of JD #25. Applicant shall contact the Pennington County Highway Dept. and inform them of the proposed work, and obtain their approval, if necessary. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) N.J.O.

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



Permit # 19-179

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Gary Novak		12065 120th Street SE St. Hilaire, MN 56754		tel: mobile: 218-686-1598 fax:

General Information

(1) The proposed project is a:

Tiling

(2) Legal Description

(3) County: **Pennington** Township: **River Falls** Range: **43** Section: **20 1/4**:

(4) Describe in detail the work to be performed. **Install random tile with gravity outflow. Reapply of RLWD Permit No. 16161.**

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

Status

Status	Notes	Date
Approved		Oct. 23, 2019
Received		Oct. 8, 2019

Conditions

(Re-apply P.A. #16161) The Red Lake Watershed District (RLWD) approves the random tile project with a "gravity" Outlet. If any work is within public ditch and/or road Right-of-Way, applicant shall contact the appropriate Ditch/Road Authority for their approval, and ,must meet their specs/conditions. Applicant is responsible or utility locates by calling Gopher 1. (1800-252-1166) N.J.O.

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



Permit # 19-180

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Gary Novak		12065 120th Street SE St. Hilaire, MN 56754		tel: mobile: 218-686-1598 fax:

General Information

(1) The proposed project is a:

Tiling

(2) Legal Description

(3) County: **Pennington** Township: **Browns Creek** Range: **44** Section: **27 1/4: NE1/4**

(4) Describe in detail the work to be performed. **Install random tile with gravity outflow. Reapply of RLWD Permit No. 16162.**

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

Status

Status	Notes	Date
Approved		Oct. 23, 2019
Received		Oct. 8, 2019

Conditions

(Re-apply P.A. #16162) The Red Lake Watershed District (RLWD) approves the random tile project with a "gravity" Outlet. If any work is within public ditch and/or road Right-of-Way, applicant shall contact the appropriate Ditch/Road Authority for their approval, and ,must meet their specs/conditions. 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 or utility locates by calling Gopher 1. (1800-252-1166) N.J.O.

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



Permit # 19-181

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Wayne Vettleson		20499 350th Avenue SE Oklee, MN 56742		tel:218-796-5204 mobile: fax:

General Information

(1) The proposed project is a:

Tiling

(2) Legal Description

(3) County: **Red Lake** Township: **Equality** Range: **40** Section: **25** 1/4: **SW1/4**

(4) Describe in detail the work to be performed. **Install pattern tile with lift station/pump.**

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

Status

Status	Notes	Date
Approved		Oct. 14, 2019
Received		Oct. 8, 2019

Conditions

Red Lake Watershed District (RLWD) approves the pattern tile project with a 'Lift Pump' outlet. Permitted work in this permit only includes the land that lies within the benefitted area of RLWD project #115, "Equality/RLWD Ditch 1, Lat C" , lands that do not pay benefits to said ditch system are not permitted and shall not be tiled. 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. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) N.J.O.

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



Permit # 19-182

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Lyle Hanson		112 Breezy Drive Thief River Falls, MN 56701		tel: mobile: 218-689-8227 fax:

General Information

(1) The proposed project is a:

Culvert Installation / Removal / Modification

(2) Legal Description

(3) County: **Polk** Township: **Highlanding** Range: **40** Section: **34 1/4: SE1/4**

(4) Describe in detail the work to be performed. **Install field entrance**

(5) Why is this work necessary? Explain water related issue/problem being solved. **No current access.**

Status

Status	Notes	Date
Approved		Oct. 16, 2019
Received		Oct. 10, 2019

Conditions

Red Lake Watershed District (RLWD) approval to install an 18" diameter field entrance culvert as per approval of Pennington County Highway Department; proposed work is within County Road #94 Right-of-Way. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) N.J.O.

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



Permit # 19-183

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Elliott Solheim	Solheim Farms	27790 230th Avenue SW Crookston, MN 56716		tel: mobile: 218-289-0988 fax:

General Information

- (1) The proposed project is a:
Surface Drainage (New Ditch or Improvement)
- (2) Legal Description
- (3) County: **Polk** Township: **Fairfax** Range: **46** Section: **4 1/4: NW1/4**
- (4) Describe in detail the work to be performed. **Clean ditch east side of Hwy 2 for two miles**
- (5) Why is this work necessary? Explain water related issue/problem being solved. **Ditch is full of sediment**

Status

Status	Notes	Date
Approved		Oct. 22, 2019
Received		Oct. 11, 2019

Conditions

Red Lake Watershed District (RLWD) approval to clean Minnesota Department of Transportation (MNDOT) Highway #9/#102 Road Ditch, as per approval of MNDOT specs./conditions; proposed work is within Highway #9 & #102 Right-of-Way. RLWD has performed an elevation survey of existing ditch bottom and culvert flowlines. A Copy will be given to the applicant. Applicant shall not exceed ditch grade approved by MNDOT. Proposed work to begin in at the intersection of 230th Ave. SW & MNDOT Hwy. #102 and proceed in the East Road Ditch until the intersection of MNDOT Hwy. #9 & US HWY #2. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) N.J.O.

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



Permit # 19-184

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Ronald Audette		20613 220th Street NW Viking, MN 56760		tel: mobile: 218-686-9305 fax:

General Information

(1) The proposed project is a:

Culvert Installation / Removal / Modification

(2) Legal Description

(3) County: **Pennington** Township: **Norden** Range: **44** Section: **19 1/4: SW1/4**

(4) Describe in detail the work to be performed. **Install property access.**

(5) Why is this work necessary? Explain water related issue/problem being solved. **No current access.**

Status

Status	Notes	Date
Approved		Oct. 16, 2019
Received		Oct. 9, 2019

Conditions

Red Lake Watershed District (RLWD) approval to install an 18" diameter field entrance culvert as per approval of Norden Township; proposed work is within Township Road Right-of-Way. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) N.J.O.

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



Permit # 19-185

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
	Smiley Township	17254 Center Street E Thief River Falls, MN 56701		tel: mobile: 218-686-1860 fax:

General Information

(1) The proposed project is a:

Culvert Installation / Removal / Modification

(2) Legal Description

(3) County: **Pennington** Township: **Smiley** Range: **42** Section: **3 1/4**:

(4) Describe in detail the work to be performed. **Replace existing centerline culvert.**

(5) Why is this work necessary? Explain water related issue/problem being solved. **Existing culvert has failed.**

Status

Status	Notes	Date
Approved		Oct. 17, 2019
Received		Oct. 14, 2019

Conditions

Red Lake Watershed District (RLWD) approval to remove a 15” diameter centerline culvert and replace it with an 18” centerline culvert. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) N.J.O.

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



Permit # 19-186

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Kristina Dahle		320 Minnesota Street South Plumer, MN 56748		tel: mobile: 218-689-2249 fax:

General Information

(1) The proposed project is a:

Culvert Installation / Removal / Modification

(2) Legal Description

(3) County: **Pennington** Township: **Smiley** Range: **42** Section: **24 1/4**: **Government Lot 9**

(4) Describe in detail the work to be performed. **Install driveway/crossing on north side of 125th Street.**

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

Status

Status	Notes	Date
Approved		Oct. 17, 2019
Received		Oct. 14, 2019

Conditions

Red Lake Watershed District (RLWD) approval to install an 18" diameter entrance culvert as per approval of Smiley Township; proposed work is within Township Road Right-of-Way. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) N.J.O.

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



Permit # 19-187

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Robert Baune		19944 Center Street Thief River Falls, MN 33		tel:218-681-1819 mobile: 218-684-4719 fax:

General Information

(1) The proposed project is a:

Culvert Installation / Removal / Modification

(2) Legal Description

(3) County: **Pennington** Township: **Smiley** Range: **42** Section: **33 1/4**:

(4) Describe in detail the work to be performed. **Replace existing 24" culvert with a 48"x40 culvert. Work is within County Road 3 right of way.**

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

Status

Status	Notes	Date
Approved		Oct. 18, 2019
Received		Oct. 15, 2019

Conditions

Red Lake Watershed District (RLWD) approval to install a 48" diameter entrance culvert, with the stipulation that the flow line is below grade by 0.5', as per approval of Pennington County Highway Department; proposed work is within County State Aid Highway #3 Right-of-Way. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) N.J.O.

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



Permit # 19-188

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Randy Myhre		22395 163rd Avenue SE Red Lake Falls, MN 56750		tel: mobile: 218-686-4317 fax:

General Information

(1) The proposed project is a:

Tiling

(2) Legal Description

(3) County: **Red Lake** Township: **Terrebonne** Range: **43** Section: **1 1/4: SE1/4**

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

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

Status

Status	Notes	Date
Approved		Oct. 17, 2019
Received		Oct. 15, 2019

Conditions

The Red Lake Watershed District (RLWD) approves the pattern tile project with a 'gravity' outlet. If any work is within a public road and/or public ditch Right-of-Way, applicant shall contact the appropriate road/ditch authority for their approval and must meet their specs/conditions. It appears that some of the proposed work and/or the tile outlet may be near the Clearwater River. If any of the work will be on the riverbank, applicant shall contact the MN Dept. of Natural Resources (MNDNR) area hydrologist concerning their requirements, if any. Contact person at the Thief River Falls MNDNR office is hydrologist Stephanie Klamm at 218-681-0947. 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. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) N.J.O.

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



Permit # 19-189

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Tom Oscarson		16122 130th Avenue Red Lake Falls, MN		tel: mobile: fax:

General Information

(1) The proposed project is a:

Tiling

(2) Legal Description

(3) County: **Red Lake** Township: **None** Range: **43** Section: **32 1/4**:

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

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

Status

Status	Notes	Date
Approved		Oct. 17, 2019
Received		Oct. 16, 2019

Conditions

The Red Lake Watershed District (RLWD) approves the pattern tile project with a 'gravity' outlet. If any work is within a public road and/or public ditch Right-of-Way, applicant shall contact the appropriate road/ditch authority for their approval and must meet their specs/conditions. It appears that some of the proposed work and/or the tile outlet may be near the Red Lake River. If any of the work will be on the riverbank, applicant shall contact the MN Dept. of Natural Resources (MNDNR) area hydrologist concerning their requirements, if any. Contact person at the Thief River Falls MNDNR office is hydrologist Stephanie Klamm at 218-681-0947. 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. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) N.J.O.**

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



Permit # 19-190

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Brent Strand		3542 6th Street East West Fargo, ND 58078		tel: mobile: 218-686-7886 fax:

General Information

(1) The proposed project is a:

Tiling

(2) Legal Description

(3) County: **Polk** Township: **Lessor** Range: **41** Section: **6 1/4: SW1/4**

(4) Describe in detail the work to be performed. **Install pattern tile with lift station/pump.**

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

Status

Status	Notes	Date
Approved		Oct. 23, 2019
Received		Oct. 18, 2019

Conditions

The Red Lake Watershed District (RLWD) approves the pattern tile project with a 'Lift Station' outlet. This permit connects in with an existing tile grid, it will out through the existing lift pump 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. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) N.J.O.

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



Permit # 19-191

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Brent Strand		3542 6th Street East West Fargo, ND 58078		tel: mobile: 218-686-7886 fax:

General Information

(1) The proposed project is a:

Tiling

(2) Legal Description

(3) County: Polk Township: Badger Range: 42 Section: 1 1/4: N1/2

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

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

Status

Status	Notes	Date
Approved		Oct. 23, 2019
Received		Oct. 18, 2019

Conditions

The Red Lake Watershed District (RLWD) approves the pattern tile project with a 'gravity' outlet. If any work is within a public road and/or public ditch Right-of-Way, applicant shall contact the appropriate road/ditch authority for their approval and must meet their specs/conditions. Directly downstream of the tile and/or pump station(s) outlets, applicant shall ensure that adequate grade and drainage is provided. ■ Note: Please be aware of and review the 'bullet points' on the bottom half of the application. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) N.J.O.

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



Permit # 19-192

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Esp Christensen		21762 210th Avenue Plummer, MN 56748		tel: mobile: 218-686-9481 fax:

General Information

(1) The proposed project is a:

Culvert Installation / Removal / Modification

(2) Legal Description

(3) County: **Red Lake** Township: **Wyandotte** Range: **42** Section: **2 1/4: SE1/4**

(4) Describe in detail the work to be performed. **Install new culvert for field approach.**

(5) Why is this work necessary? Explain water related issue/problem being solved. **Old crossing is too narrow and culvert is rusted out.**

Status

Status	Notes	Date
Approved		Oct. 23, 2019
Received		Oct. 18, 2019

Conditions

Red Lake Watershed District (RLWD) approval to remove a 54" diameter field entrance culvert and install a 54" diameter field entrance culvert approximately 1,100' to the west of said removed pipe, as per approval of Pennington County Highway Department; proposed work is within County Road #55 Right-of-Way and, it appears that it is within a Branch of County Ditch 37 as well. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) N.J.O.

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



Permit # 19-193

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Murray Engelstad		15179 130th Street NE Thief River Falls, MN 56701		tel: mobile: 218-686-1605 fax:

General Information

(1) The proposed project is a:

Culvert Installation / Removal / Modification

(2) Legal Description

(3) County: **Pennington** Township: **River Falls** Range: **43** Section: **16 1/4: SE1/4**

(4) Describe in detail the work to be performed. **Widen field crossing.**

(5) Why is this work necessary? Explain water related issue/problem being solved. **Wider crossing is needed due to larger farmer equipment.**

Status

Status	Notes	Date
Approved		Oct. 22, 2019
Received		Oct. 21, 2019

Conditions

Red Lake Watershed District (RLWD) approval to extend an 18" diameter entrance culvert, as per approval of Pennington County Highway Department; proposed work is within County State Aid Highway #2 Right-of-Way. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) N.J.O.

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

2019 ANNUAL MEETING AND TRADE SHOW

December 5-7

Arrowwood Conference Center

**MINNESOTA
ASSOCIATION OF
WATERSHED
DISTRICTS, INC**

Land and Water Shall be Preserved

Program Schedule Overview

WEDNESDAY, DECEMBER 4

- 9 A.M.-2 P.M. MN Association of Watershed Administrators (MAWA) Meeting - Lake Nokomis
5 P.M.-7 P.M. MAWD Board of Directors Meeting - Lake Nokomis

THURSDAY, DECEMBER 5

PRE-CONFERENCE SESSIONS

- 8 A.M.-9 A.M. Registration and Breakfast - Ballroom Lobby
9 A.M.-4 P.M. Basic Watershed Management Workshop - Lake Nokomis
9 A.M.-4 P.M. Minnesota Drainage Seminar - Lake Itasca and Lake Vermillion
9 A.M.-4 P.M. Staff Development I Mindfulness - Lake Minnewaska
12 P.M. Lunch - Lake Miltona

ANNUAL MEETING

- 6 P.M.-9 P.M. Registration, Trade Show Opening and Welcome Reception - Tennis Center
5 P.M.-9 P.M. Night at the Movies - Lake Minnewaska

FRIDAY, DECEMBER 6

- 7 A.M.-9 A.M. Breakfast - Trade Show Floor, Tennis Center
8 A.M.-10:45 A.M. MAWD Business Meeting and Resolutions Hearing - Lake Itasca
8 A.M.-11:40 A.M. Morning Concurrent General Sessions, check schedule for room locations.
11:15 A.M. -12 P.M. Regional Caucuses
Region 1 - Rafters (5th Floor)
Region 2 - Boardroom I (5th Floor)
Region 3 - Boardroom II (5th Floor)
12 P.M.-2 P.M. Luncheon - Ballroom
Keynote Speaker: Kenneth Blumenfeld, Ph.D., Sr. Climatologist, MNDNR
DNR Watershed District of the Year
BWSR Watershed District Employee of the Year Awards
Trade Show Door Prizes
2 P.M.-4:30 P.M. Afternoon Concurrent General Sessions, check schedule for room locations
5 P.M.-6:30 P.M. Social Hour and Live Music - Ballroom
6:30 P.M.-8 P.M. Dinner and Awards - Ballroom
Watershed District Program of the Year Award
Watershed District Project of the Year Award
MAWD Convention Award - Night at the Movies "Best Picture"
MAWD Convention Award - Watershed District - Share your Best Idea Award

SATURDAY, DECEMBER 7

- 7 A.M.-9 A.M. Last Chance Networking Breakfast - Ballroom
9 A.M.-11 A.M. MAWD Board of Directors Meeting - Lake Miltona

Minnesota Drainage Seminar

Pre-Conference Workshop

Thursday, December 5, 2019

9 AM - 4 PM

8:00 – 9:00 AM REGISTRATION AND CONTINENTAL BREAKFAST

9:00 – 9:05 AM WELCOME AND AGENDA

9:05 – 9:45 AM DRAINAGE WORK GROUP, 2019 LEGISLATIVE AND CW MDM GRANTS UPDATES?

Tom Gile, Resource Conservation Section Manager/Drainage Work Group Facilitator – Board of Water and Soil Resources

- Drainage Work Group (DWG) Update – What's DWG Working on now?
- 2019 Legislative Updates
 - Runoff Based Drainage Assessments for Repair Projects
 - Miscellaneous Drainage Law Changes
- Update on Clean Water Fund Multipurpose Drainage Management Grants

9:45 – 10:15 AM DNR PERMITTING FOR REPAIR PROJECTS – What has changed since one year ago?

Steve Colvin – Director of Ecological and Water Resources Division, Minnesota Department of Natural Resources

Steve Colvin will explain their efforts to help drainage authorities move through repair projects that impact public waters.

15-minute COFFEE and SNACK BREAK

10:30 – 11:00 AM RE-ESTABLISHMENT OF RECORDS – What was impact of MN Supreme Court decision?

John Kolb – Rinke Noonan

In this session John Kolb will be explaining the recent Supreme Court Decision and its effect on the drainage authority's re-establishment of records work.

60-minute LUNCH BREAK (Provided)

11:00 AM – NOON RE-ESTABLISHMENT OF RECORDS – Case Studies

Chris Otterness, PE - Houston Engineering, and Chuck Brandel, PE and Bailey Griffin – ISG

Houston Engineering and ISG will present a number of case studies related to their support of counties and watershed district re-establish their drainage records.

60-minute LUNCH BREAK (Provided)

1:00 – 2:00 PM ENVIRONMENTAL CONSIDERATIONS AND REQUIREMENTS UNDER DRAINAGE REVIEW

Kale Van Bruggen and John Kolb - Rinke Noonan and Zhang Lu, Water Resources Engineer – Wenck Engineering

In this session attorneys (Drainage Code and Minnesota Public Drainage Manual) and an engineer (case study) will discuss environmental review requirements associated with Chapter 103E drainage proceedings.

2:00 – 3:00 PM DRAINAGE INSPECTOR'S PERSPECTIVE ON LANDOWNER INTERACTION - WD and County

Tom Schmidt, Inspector - Rice Creek Watershed District, and Craig Austinson, Ditch Manager and Ryan Hiniker, Drain Management Specialist – Blue Earth County

Watershed and County Drainage inspectors each have a perspective on how they interact with the landowners in their jurisdiction. Similar but different.

15-minute COFFEE and SNACK BREAK

3:15 – 4:00 PM CONNECTING DRAINAGE TO 1W1P – County and WD

Robert Olsen, Environmental Office Administrator - Lincoln County and Chad Engels, PE - Bois De Sioux Watershed District

If a One Watershed/One Plan plan is to be comprehensive Agricultural/Public Drainage must play a significant role in its formation. Lincoln County and the Bois De Sioux will discuss the way they have connected drainage to their 1W1P plans.

Basic Watershed Management Workshop

Pre-Conference Workshop

Thursday, December 5, 2019

9 A.M.-4 P.M.

9:00 – 9:15 WELCOME AND INTRODUCTIONS

9:15 – 10:30 YOUR ROLE as a WATERSHED DISTRICT

Understanding Watershed District Legal Powers and Purposes – Watershed districts have their own compact chapter of law – MN Chapter 103D and metro watershed districts also have 103B. This legal overview will provide insight into why watershed districts were created, and the legal authorities given to districts to pursue their missions.

Watershed Districts, BWSR, and the World – Your watershed district is just one organization in a world full of state, federal, non-profit, citizen, and municipal interests with their own mandates to do work for the public good. Sort out who's who and consider how partnerships could maximize your impact.

15-minute COFFEE and SNACK BREAK

10:45 – 12:15 YOUR ROLE as a WATERSHED “MOVER and SHAKER”

Every organization on the planet from the Girl Scouts to the US Army has some sort of strategic plan to guide them. Watershed district plans set priorities, outline strategies, and identify targeted and measurable goals. Learn the process for how to develop or update your plan and discover tips for getting those plans implemented.

60-minute LUNCH BREAK (Provided)

1:15 – 2:45 YOUR ROLE as a GOVERNMENT OFFICIAL

Has this happened to you?

1. Prior to the board meeting, another manager calls to encourage you to vote for an issue on the agenda. How should you respond?
2. The board treasurer is giving a report to the board. You spot a check to a vendor for a larger amount than what the board had previously authorized. What's the appropriate response?
3. A junior staff person tells you there have been inappropriate jokes in the workplace. Now what?
4. A county commissioner has let you know how she expects you to vote on an issue. Now what?
5. A citizen lets you know that the board did a terrible job approving a “stupid project.” You happen to agree it wasn't a great project, but yours was one of only two dissenting votes. How do you respond?

This session will discuss how to respond to these and other scenarios that will help you do your job well and stay away from legal trouble and will provide an understanding of the Open Meeting Law, Data Practices Act, Freedom of Information Act, and other relevant rules and regulations.

15-minute COFFEE and SNACK BREAK

3:00 – 4:00 YOUR ROLE as a WATERSHED LEADER

Your county appointed you to the Board and they probably expect you to make sure the organization does more than just exist. Learn some techniques that contribute to the art of “boardsmanship” that will help your district excel.

Navigating Troubled Waters Mindfulness

Pre-Conference Workshop

Thursday, December 5, 2019

9 AM - 4 PM

8:00 – 9:00 AM REGISTRATION AND CONTINENTAL BREAKFAST

9:00 – 9:05 AM WELCOME

Diane Lynch, District Administrator, Prior Lake-Spring Lake Watershed District

Diane will introduce this topic and the reason it was chosen for water resource professionals.

9:05 – 9:45 AM LIVING IN THE PRESENT

Diane Lynch, District Administrator, Prior Lake-Spring Lake Watershed District

We will explore the origins of mindfulness, what it means, and how to integrate it into our lives. Diane will provide a snapshot of experts in the field of integrative medicine and personal transformation along with some of their fundamental teachings.

9:45 – 10:30 AM MIRACLE MORNING

Emily Javens, Executive Director, MAWD

Emily will introduce Hal Elrod's concept of a starting each day with six steps that include silence, affirmations, visualizations, exercise, reading, and journaling. The group will be led through a mini practice session and leave with resources to continue a practice at home.

15-minute COFFEE and SNACK BREAK

10:45 – 12:15 PM MINDFULNESS YOGA

Elsa Wadsworth, Owner, Yoga One

Yoga has its roots in ancient India and means "union." Yoga is meant to bring about enlightenment through the union of body and mind. Elsa will provide an overview of the styles of yoga and will guide participants in simple, gentle stretching with poses that match your breath with the motion of your body. This will NOT be rigorous. Just bring a mat, towel or blanket to lay on.

12:15-1:15 PM LUNCH (Provided)

1:15 – 2:00 PM FENG SHUI

Speaker TBD, Invited: Practitioner from Energetic Alignments

Feng Shui is an ancient art and science that started over 3,500 years ago in China. It teaches how to balance and harmonize with energies in any space and is often used in interior design and architecture. Feng shui involves the five elements: wood, fire, earth, metal and water. Participants will learn more about this ancient technique, about a mapping chart called a "bagua" and create a simple bagua for their home or office. The instructor will review the baguas with the class.

2:00 – 2:45 PM MINDFULNESS MEDITATION

Speaker TBD, Invited: Laughing Buddha Meditation Center, Alexandria, MN

Recent research shows that meditation can help preserve the aging brain. Stress, anxiety and pain can all be reduced through meditation by focusing thoughts. Techniques include paying attention to breath, an idea or a feeling or a mantra. With mindfulness meditation, thoughts and feelings can be observed and released. The instructor will provide helpful techniques and then lead participants through a guided meditation. Participants will find they are energized for writing their mindfulness plan.

15-minute COFFEE and SNACK BREAK

3:00 – 4:00 PM THE MINUTE CLINIC & WRITING YOUR MINDFULNESS PLAN

Diane Lynch, District Administrator, Prior Lake-Spring Lake Watershed District

When the going gets rough, we need to know what to do to get us back on track—to ground us. Participants will learn techniques to put in motion on cue, such as tapping, controlled breathing, visualization, setting intentions and inner smile, among others. They will then be guided through an exercise to put a mindfulness plan together that will remind them of what they learned in the workshop and how to develop mindfulness as a habit. For those interested, volunteers will join a network of colleagues who will share how they applied what they've learned and ideas they want to share with others.

Concurrent General Sessions

Friday, December 6

Time	Location	Topic	Description	Presenters
8am - 8:40am	Lake Miliona A + B	Demonstrating Quantifiable Progress Toward Water Goals	Is your organization's path to reaching its goals a 'clear road map' or a 'black box'? Public agencies are accountable to the local citizens that they serve, which is why it is crucial to demonstrate effective use of public funds and quantify progress toward goals. With limited time and funding, cost-benefit analysis becomes increasingly important. CLFLWD aims to utilize BWSR's Prioritized, Targeted, Measurable (PTM) method to demonstrably reach water quality goals at a fraction of the originally-anticipated cost. For example, to reach the Lower St. Croix Watershed's phosphorus load reduction goal, the difference between implementing highly cost-effective projects (<\$500/lb phosphorus removed) and less cost-effective projects (>\$1,500/lb phosphorus) could be up to \$1.1 billion. PTM discussions at the regional and statewide scale are necessary to implement this philosophy in a more impactful way. This presentation aims to continue these discussions in order to improve public agency effectiveness on a broad scale.	Mike Kinney, Comfort Lake Forest Lake WD; Meghan Funke, Emmons & Olivier Resources
8am - 8:40am	Lake Osakis	Banking Groundwater	Managing groundwater recharge may be needed for communities with competing aquifer uses or depleted natural systems. Changes in groundwater dependence, seasonality and intensity of precipitation, evapotranspiration and hydrology impact recharge. Evaluating economic, policy, engineering and geologic considerations now will allow us to deploy aquifer recharge when, where and if needed. A team led by the Water Resources Center convenes experts across disciplines to evaluate the need for and barriers to implementing managed aquifer recharge. Specific geologic conditions in four study areas control the physical realities: Fargo-Moorhead, the Straight River, S. Washington Co. and Rochester. Water sources like treated surface water or wastewater must be evaluated along with energy use and infrastructure costs that affect the economics. The Groundwater Protection Act of 1989 appears to prohibit recharge; these and other policy barriers will be evaluated. The 18-month project culminates in a report to the legislature.	Carrie Ellen Jennings, Freshwater Society; John Bilotta, Water Resources Center; Peter Kang, Department of Earth and Environmental Sciences; Anthony Runkel, Minnesota Geological Survey; Bill Arnold, University of MN
8am - 8:40am	Lake Minnewaska	Building a Basin Wide Educational Program	Most citizens are largely unaware of their local river's origins and where it travels downstream. The River of Dreams (ROD) program seeks to increase watershed understanding and sense of place among elementary students, making the next generation more aware of connections within their watershed to other rivers, lakes, oceans, and the people who utilize them. ROD is a fun and impactful education experience that gives participants a better understanding of their local rivers geography. Students are exposed to watershed concepts multiple times in ways that leave a lasting impression through writing activities, virtual tours, and a canoe launch event at a local river. IWV has grown this program from five schools to thirty-five schools in the last five years. Learn what it takes to develop and implement a basin wide education program.	Danielle Graham; Asher Kingery and Taylor Lemieux; International Water Institute

Time	Location	Topic	Description	Presenters
9am - 9:40am	Lake Miltona A + B	Comparing ACPF, PTMApp and HSPF-SAM	Identification of targeted locations at field scales for implementing conservation practices in an agricultural watershed has become a prerequisite to sustainable land use management. Understanding how to relate multiple fields and riparian zones at the small watershed scale is critical to managing water quality goals. We compared the outcomes of three models/decision support tools in the Plum Creek watershed near Redwood Falls, Minnesota. Prioritize, Target and Measure Application (PTMApp) and Agricultural Conservation Planning Framework (ACPF) were applied to a HUC 12 sub-watershed scale using high-resolution LiDAR-based hydro-conditioned digital elevation model (DEM) to achieve following objectives: 1) develop comparative assessment of these tools in identifying critical areas and conservation practices at field scales; and 2) develop a scenario based field-scale decision support framework to achieve nutrient reduction goals, build soil health for enhancing crop production within and below the fields and riparian management in a cost-effective manner.	R. Srinivas, University of MN; Matt Drewitz, BWSR; Joe Magner, University of MN,
9am - 9:40am	Lake Osakis	Implementation and Assessment of a Targeting Street Sweeping Program	The City of Forest Lake drains to five significant lakes: Forest, Shields, Keewahtin, Comfort and Clear Lake. Two of the five are listed as impaired for nutrient/eutrophication, with the others at risk for impairment. These lakes are high-value recreational resources with a combined 5 public launches among them. CLFLWD worked with the City and Rice Creek WD to implement an enhanced street sweeping program, using the CLFLWD's 2018 comprehensive street sweeping plan, which will result in a cumulative estimated phosphorus load reduction of 167 lb/yr. Samples of swept material were lab-tested to quantify actual load reductions. Results will be available later this year and discussed in this proposed presentation. Lab results will be used to measure progress toward load reduction goals and to modify the sweeper route, if needed. The combined cost of the sweeping plan and implementation is \$320,000. CLFLWD and the City received CWF grants for each, respectively.	Mike Kinney, Comfort Lake Forest Lake WD; Paula Kalinosky, Emmons and Olivier Resources;
9am - 9:40am	Lake Minnewaska	Multi-benefit Storage and Water Quality Solutions in the South Heron Lake Watershed	This presentation will outline how the Heron Lake Watershed District is achieving multi-benefit solutions that address drainage system improvements, while also increasing flood resiliency and improving water quality through the leveraging of drainage dollars with state and federal grant funds.	Jan Voit, Heron Lake WD; Jacob Rischmiller and Staci Williams, ISG
10am-10:40am	Lake Miltona A + B	Geomorphic and Habitat Assessments of Trout Streams in the Lower Minnesota River Watershed District	Rosgen level I geomorphic reconnaissance was utilized to conduct exploratory assessment of the streams as a whole and to identify key areas for further investigation. This was followed with level II data collection in representative reaches. Habitat assessments conducted on each stream incorporated the modified MSHA worksheet to assess current habitat conditions on cold water streams. Temperature and dissolved oxygen (DO) concentrations were measured using a field sonde placed at the bottom of the stream channel. Results suggest cold ground water with DO is present to support trout fisheries. However, some streams showed channels filling with sand limiting pool habitat and other channels where degraded by increased runoff. This information will help prioritize district restoration actions and explore protective watershed measures.	Linda Loomis, LMRWD; Joe Magner and Brenda DeZiel, University of MN; Jeff Weiss, Barr Engineering; Della Young, Young Environmental

Time	Location	Topic	Description	Presenters
10am-10:40am	Lake Osakis	A Partnership Model for Predicting, Measuring, Managing, & Communicating Water Level Impacts	<p>Between 2013-2018 the Twin Cities metro experienced the wettest period six-year period on record. During those six years an extra year's worth of precipitation fell (~30 inches), meaning the area received seven years' worth of rain in a six-year period. 2019 has continue this exceptionally wet trend and currently ranks as the second wettest year to date.</p> <p>How can water managers successfully predict how much rain is coming, track how much rain has fallen, monitor the effects to water bodies, and communicate the impacts to their communities? To manage the impacts of this record precipitation, MCWD has formed a multi-disciplinary partnership with the National Weather Service, the U.S. Geological Survey, and Hennepin County Emergency Management. Using the expertise of this multi-agency partnership, MCWD has been able to predict, observe, and manage the impacts from wet weather and limit the duration of high water in spite of the record precipitation.</p>	Tiffany Schaufler, MCWD; Eric Waage, Hennepin County Emergency Management
10am-10:40am	Lake Minnewaska	Small Town Flood Protection: The Ada Levees	Surrounded by the Wild Rice and Marsh Rivers to the south and Judicial Ditch 51 on the north, the city of Ada has been plagued by flooding over the years. After the catastrophic flood of 1997 and subsequent flooding, this small community came together to take necessary actions that identified the problems and found feasible solutions to protect their residents. Ada's story illustrates the importance of partnerships and the use of sound science and engineering, while navigating funding constraints and regulatory approvals. From devastating floods to certified flood protection, the city of Ada is a story about success.	Alexa Ducioame, Moore Engineering, Inc., Kurt Lysne, Moore Engineering, Inc;
11am-11:40am	Lake Miltona A + B	Targeting Channel Restoration Projects to Inform Implementation Efforts	Within the Buffalo-Red River Watershed, stream bank erosion contributes to sediment impairments and serves as a stressor to aquatic life. As such, the Buffalo-Red River Watershed District sought to prioritize its efforts to restore and stabilize rivers and streams. This presentation will show a new approach for rapidly targeting implementation within riparian corridors relative to measurable goals in a One Watershed, One Plan. The results will demonstrate how targeting information can be used to develop and investment guide for weighing upstream versus in channel management actions.	Drew Kessler and Erik Jones, Houston Engineering
11am-11:40am	Lake Osakis	The Role of Aquatic Plants in Shallow Lake Reclamation	It is increasingly clear that aquatic plants play a central role in the restoration of shallow lakes. Still, effects on shallow lake nutrient balances is not well known. In fact, aquatic plants are often not included in TMDLs. This presentation includes what we have learned by conducting thorough lake-wide aquatic plant biomass evaluations and nutrient analyses of aquatic plant tissue and by building a custom lake model to tease out the effect of aquatic plants on nutrient balances. The study lakes are Kohlman Lake (Ramsey Washington-Metro Watershed District) and Normadale Lake and Smetana Lake (Nine Mile Creek Watershed Districts). Even though the public very often has a negative view of aquatic plants, the issue of aquatic plants and shallow lakes is emerging and is not going to go away and it will be important for us to better understand the role of aquatic plants in shallow lake restoration.	Keith Pilgrim and Janna Kieffer, Barr Engineering

Time	Location	Topic	Description	Presenters
11am-11:40am	Lake Minnewaska	Regionalization - Escape the Site	While keeping stormwater onsite in a manner that mimics natural conditions remains a worthy and productive goal of watershed district regulatory frameworks, challenges presented by some properties demand regional solutions. Cost-effective and politically savvy public-private partnerships can support more than just water-resource protection: better site design and more efficient use of land, integration of diverse land-uses, etc. The session will explore legal and technical frameworks for successful regional stormwater management, giving attendees tools and inspiration they can put to work in their own watersheds.	Michael Welch, Smith Partners PLLP; Karen Kill, Brown's Creek WD; Randy Anhorn, Nine Mile WD; James Wisker, Minnehaha Creek WD
2pm-2:40pm	Lake Miltona A	Managing Risks and Forging Watershed Partnerships	Our watersheds are facing unprecedented challenges from climate change, impaired water quality, and loss of habitat, and governance. This presentation will explore key principles of risk management to embrace from start to finish in every watershed undertaking, and pursue the success that comes from creating effective partnerships. We will examine how the Minnehaha Creek Watershed District has developed Balanced Urban Ecology, an integrated approach to land use and water resource planning that has forged collaboration with local communities and private partners. In the Minnehaha Creek corridor, the District has partnered with two cities, a hospital, a major printing company, and Target to restore the creek, create new trails, access to green space, and treat polluted stormwater. We will also trace a similar undertaking in the Midtown Greenway of Minneapolis that transformed a neglected railroad trench into a multimodal greenway that stimulated 4,000 new units of adjacent housing.	James Wisker, Minnehaha Creek WD; Louis Smith, Smith Partners PLLP
2pm-2:40pm	Lake Miltona B	Helping Mother Nature...Buffalo River Restoration Challenges and Outcomes	This presentation tells the story of a stream restoration project along a 2-mile stretch of the Buffalo River, near Hawley, Minnesota. The stream was straightened in the 1950s which resulted in an unstable stream that lacked quality habitat and had bank erosion issues. The Buffalo-Red River Watershed District along with MN DNR and the City of Hawley worked together to achieve mutual benefits. We will highlight the design process, hurdles to implementation, permitting requirements and ultimately how the constructed restoration has evolved since being built and after the 2019 flood. Additionally, project partnerships and funding opportunities for stream restoration projects will be discussed.	Amanda Hillman, MNDNR; Erik Jones, Buffalo-Red WD
2pm-2:40pm	Lake Osakis	Inclusivity: Are you embracing others or only embracing yourself?	Local governments are striving to enhance diversity in their offices and embrace the diversity found within their communities. While a watershed district may have a diverse board and staff and may be reaching a broader audience than ever before, is this diversity linked with efforts to be inclusive? A district that is inclusive promotes a sense of belonging, which makes people want to become part of the watershed district family. Building an inclusive organization is hard work. But, when it is achieved, you attract the best staff who wants to stay with the organization for the long-term. Attendees to this session will learn about some attitudes, behaviors, and policies that can enhance the inclusivity of your organizations. While the session's focus will be on gender inclusivity, the concepts can be generalized to other diversity frameworks.	Jason Weinerman, BWSR

Time	Location	Topic	Description	Presenters
2pm-2:40pm	Lake Minnewaska	Developing a Targeted Watershed Management Implementation Plan Using Innovative Technologies in the Minnesota River Headwaters	Through a Clean Water Fund grant, the Upper Minnesota River Watershed District developed a Targeted Watershed Management Implementation Plan for the entirety of its 505 square mile area within the Upper Minnesota River Headwaters Watershed. This plan (1) identified sediment and nutrient sources on the landscape from within the District and from upstream sources in the Dakotas, (2) identified opportunities for field-scale landscape conservation to address those sources, (3) utilized the Prioritize, Target, and Measure Application, along with other geospatial analysis, to assess both cost and benefit of field-scale practices relative to others in each subwatershed, and (4) developed a comprehensive plan that considered conservation practice benefit to achieve water quality goals across dozens of subwatersheds. This plan will provide the District with the information it needs to address its critical water quality needs while better informing District residents and leaders what investment is necessary to sustain healthy aquatic systems.	Kris Guentzel, Houston Engineering; Amber Doschadis, Upper Minnesota River WD; Mark Deutschman, International Water
2:45pm-3:30pm	Lake Miltona A	Watershed Assessment and Planning Using an Ecosystem Service Approach	Watershed management in Minnesota has traditionally been driven by the desire to prevent and relieve flooding, protect water and natural resources, and improve water quality. While this approach effectively implements regulatory programs, it ignores or only broadly defines other key components of watershed management including ecological health, connectivity, and habitat and does not provide a holistic assessment of watershed health. We will explore the use of an ecosystem service planning and assessment framework that directly links human benefits and the natural environment, using the newly developed E-Grade framework for the Minnehaha Creek Watershed. Through E-grade managers and residents in the watershed will be able to more broadly assess watershed health and to connect actions in their watershed with conditions in their natural environment.. This framework supports better policy development and planning by clearly defining the impacts of degraded environments to those who work and recreate in the watershed.	Joe Bischoff and Diane Spector, Wenck Associates
2:45pm-3:30pm	Lake Miltona B	Financing Multipurpose Drainage Projects	Watershed districts play a key role in the integrated management of water resources and public drainage systems. State policy strongly favors multipurpose drainage projects that integrate drainage system improvements with water quality, habitat, and flood mitigation elements. Nevertheless, integrating the governance and finance of such projects among watershed districts and counties can pose challenges. This program will highlight the success of Heron Lake Watershed District in obtaining funding to design and build multipurpose drainage projects, and also explore the legal and policy challenges with cooperative financing. We will show the watershed benefits of multipurpose projects and pursue the case for enhancing the authority of watershed districts to finance such projects or cooperate with counties to do so.	Jan Voit, Heron Lake WD; Louis Smith, Smith Partners PLLP; Chuck Brandel, ISG Engineers;

Time	Location	Topic	Description	Presenters
2:45pm-3:30pm	Lake Osakis	Maintaining an active Citizen Advisory Committee	State Statute 103D.331 requires watershed districts to have advisory committees. From statute: "The managers must annually appoint an advisory committee to advise and assist the managers on all matters affecting the interests of the watershed district and make recommendations to the managers on all contemplated projects and improvements in the watershed district." This session will include brief presentations by several watershed districts with active advisory committees. Each panelist will answer some basic questions regarding: Principals for Public Participation CAC Role and Work Plan Benefits and Challenges of Active CAC After the brief presentations, a moderator will facilitate an open discussion between the panelists and audience.	Mark Doneux, Capitol Region WD
2:45pm-3:30pm	Lake Minnewaska	Hennepin County Chloride Partnership: Developing a strategic plan to increase adoption of best management practices with private applicators.	Watershed Organizations and other Local Government Units in Hennepin County in 2018 decided to allocate targeted watershed funds to a Chloride Reduction Initiative. Hennepin County felt well-informed about the winter maintenance practices on public roadways, but the practices of private salt applicators and property managers were a gap in knowledge. The Minnesota Pollution Control Agency was able to take a lead in engaging property managers, so the Hennepin County focused efforts on private applicators. During the summer of 2019, the partnership conducted qualitative research with private applicators to better understand barriers to salt reduction and needs of the industry. The research was also supplemented with a survey that was sent to this targeted audience. The needs and barriers were then translated into short- and long-term actions. This presentation will present the results from this research and the next steps for the partnership.	Emily Kreiter, University of MN; Claire Bleser, Riley Purgator Bluff Creek WD
3:35pm-4:20pm	Lake Miltona A	Viewing and Technology	Until recently, ditch viewing has been done the same for many decades. Most of the reporting has been done via the old pen and paper methods. Utilizing experience, technology and vision to provide innovative and strategic solutions to our customer's water resource and information needs. Introducing automated processes to increase efficiencies and accuracy to viewing. Stressing the importance of GIS based benefit classification maps for unlimited future uses to the Drainage Authorities as a key step in the information process. High-tech, high-resolution maps which allow the Drainage Authority to easily handle future parcel splits, manage future improvements, combining systems, additions and removal of lands, as well as work with entities sharing the same core goals as the Drainage Authorities to protect, enhance, and restore the state's water resources.	Bryan Murphy, H2Over Viewers LLC

Time	Location	Topic	Description	Presenters
3:35pm-4:20pm	Lake Miltona B	Long-term Conservation Easement Enforcement: Strategies & where to start	Your organization has successfully obtained permanent conservation easements as part of your program. Now what? This presentation will cover the basics of conservation easement stewardship, including the steps involved in annual monitoring of conservation easements and techniques for handling challenges and resolving violations. Over the last several years, the easement compliance rate for the conservation easements in the Prior Lake-Spring Lake Watershed District has risen from 40% in 2015 to nearly 80% compliance in 2019. A successful easement stewardship program requires good documentation and policies, but also includes good landowner relations and consistency. We will discuss lessons learned and strategies we have used to help resolve easement violations. Come with questions about particular issues or challenges you may have encountered.	Kathryn Keller-Miller and Maggie Karschnia, Prior Lake Spring Lake WD
3:35pm-4:20pm	Lake Osakis	Sooo you want to own your own building	Many watershed districts own their office buildings, and many do not. This interactive session will feature five watershed districts discussing the details of their office projects. The panel will first each answer a few basic questions: 1) What were the primary reasons to build/remodel your own office facility? 2) How did you get to the decision to own versus leasing? 3) What were the key planning elements that your district considered the "must haves" for your building? 4) How did you tie your building to your mission? 5) How much did your building costs for acquisition, planning/design, construction, O & M? 6) How did your district finance your new building? 7) How did your district plan for office space, storage, parking, meeting rooms and staff areas? 8) What do you like the best about owning your own space? 9) What advice would you give to others about owning your own space?	Mark Doneux, Capitol Region WD; Scott Henderson, Sauk River WD; TIm Kelly, Coon Creek WD; Tina Carstens, Ramsey Washington Metro WD; Myron Jesme, Red Lake WD
3:35pm-4:20pm	Lake Minnewaska	Stormwater Quality Trading: Accelerating Watershed Improvements While Reducing Costs	Minnesota's municipal separate storm sewer system (MS4) permitted entities are faced with high costs for implementing stormwater quality projects in urban settings. Yet these investments in stormwater improvements may not yield significant improvements to stormwater quality. The Shell Rock River Watershed District (SRRWD) is working with the City of Albert Lea to develop a stormwater quality credit trading pilot program to address this challenge. This pilot program will test innovative options to accelerate the implementation of projects and practices that will result in improved water quality while reducing costs. Implementing a stormwater quality credit trading program also helps to build a stronger rural-urban community relationship and creates a mutual vested interest in the health of the watershed, by setting up both sides for success. This presentation will focus on the essential stormwater quality trading program components and the potential to expand the program other areas of Minnesota.	Courtney Phillips, Shell Rock River WD; Julie Blackburn, Respec

Filed in District Court

State of Minnesota

Wittenberg, Kari
Oct 17 2019 11:35 AM

STATE OF MINNESOTA
COUNTY OF CLEARWATER

DISTRICT COURT
NINTH JUDICIAL DISTRICT

Four Legged Lakes Landowners
& Affected Taxpayers,

File No. 15-CV-18-334

Plaintiffs,

**FINDINGS OF FACT,
CONCLUSIONS OF LAW,
AND ORDER**

v.

Red Lake Watershed District,

Defendant.

The above-entitled matter came on for a motion hearing on July 19, 2019 before the Honorable Sarah McBroom, Judge of District Court, at the Itasca County Courthouse, Grand Rapids, Minnesota. Plaintiffs Affected Landowners & Taxpayers (hereinafter Plaintiffs) appeared through their attorney, Mr. William Brudvik, Esq. Defendant Red Lake Watershed District (hereinafter Defendant) appeared through its attorney, Mr. Delray Sparby, Esq.

Based on the arguments of counsel, the submissions, and the file, the Court makes the following:

ORDER

1. Defendant's motion to dismiss for lack of jurisdiction is DENIED.
2. Plaintiffs' countermotion is GRANTED IN PART and DENIED IN PART.
3. The Court remands the matter to the Red Lake Watershed District Board of Managers to file an order with findings consistent with Minnesota Statutes section 103E.095 subdivision 2.
4. The parties shall contact Itasca County Court Administration regarding a scheduling conference.

IT IS SO ORDERED.

The attached memorandum is incorporated herein and expressly made a part of this order.

Date: October 17, 2019

BY THE COURT:

McBroom,
Sarah
Sarah L. McBroom
2019.10.17
11:21:09 -05'00'

Sarah L. McBroom
Judge of District Court

MEMORANDUM

I. Procedural History

On June 23, 2015, Plaintiffs, comprised of a group of property owners, prepared a petition to abandon Clearwater County Judicial Ditch No. 5 (hereinafter Ditch No. 5) pursuant to Minnesota Statutes section 103E.811. The Red Lake Watershed District Board of Managers (hereinafter the Board) tabled a decision on the petition indefinitely until it held a final hearing on the issue on June 14, 2018. After hearing testimony and deliberating, the Board denied the petition and voted to repair the drainage system and change the elevation of the outlet of Ditch No. 5 to an elevation of 1,426 feet. This action and a brief rationale was recorded in the written meeting minutes,¹ which were approved by the board during its next regular meeting on June 27, 2018. No separate order, or document, was generated, filed, or served upon the petitioning landowners by the Board.

On July 13, 2018, Karen Gebhardt, one of the Plaintiffs, filed and personally served a Summons and Complaint on the Clearwater County Auditor. Ms. Gebhardt intended this filing to be an appeal of the Board's decision regarding Ditch No. 5. Defendant answered the Summons and Complaint on July 18, 2018. Plaintiffs retained Mr. William Brudvik in August 2018. Mr. Brudvik filed a certificate of representation on October 29, 2018. He then served and filed a formal Notice of Appeal on November 20, 2018, appealing both actions taken by the Board. Attorney Brudvik states the Summons and Complaint previously filed pro se was a "notice of appeal" as contemplated by the statute, and explains his Notice of Appeal filed November 20 amends and supersedes in its entirety the Summons and Complaint.

¹ The Board minutes of the June 14, 2018 meeting state: "Motion by Dwight, seconded by Ose, to deny the Petition for Abandonment of RLWD Project #102 Ditch 5 based upon the fact that the drainage system served a useful purpose to property within the system and to the general public. Motion carried with Manager Torgerson opposed."

Defendant filed and served a Notice of Motion and Motion to Dismiss for Lack of Jurisdiction on February 8, 2019 claiming that Plaintiffs' appeal was untimely. Plaintiffs filed and served a Reply and Counter Motion on February 19, 2019 asking the Court to order Defendant to prepare an order with its decision and find that the 30-day timeline has not begun until it prepares the order. The Court held a motion hearing on July 19, 2019 and took the matter under advisement.

II. Background

Ditch No. 5 was constructed in the 1920s to drain the Four Legged Lakes located in Clearwater County. The Civil Engineers anticipated that draining the lakes would allow for two sections of tillable land. The lakes refilled by the 1940s, and the anticipated benefits of drainage never materialized. Defendant received management authority of Ditch No. 5 in 1982. Plaintiffs filed a petition to abandon Ditch No. 5 in 2015, which the Board denied at its meeting in June 2018. The Board never signed or filed an order stating this decision. Plaintiffs wish to appeal the Board's decision.

III. The rules of Civil Procedure apply

As a preliminary matter, the parties dispute whether the Minnesota Rules of Civil Procedure apply to this appeal. Defendant argues that service was improper because Ms. Gebhardt, an affected landowner and plaintiff, personally served a Summons and Complaint on the county auditor. *See* Minn. R. Civ. P. 4.02 (stating service must occur by the sheriff or a person at least 18 years old who is "not a party to the action"). Plaintiffs do not dispute this rule, but argue that this is an appeal of an administrative action and thus outside of the Rules of Civil Procedure.

The Court finds the Rules of Civil Procedure do apply to this case. The Rules “govern the procedure in the district courts of the State of Minnesota in all suits of a civil nature.” Minn. R. Civ. P. 1. Plaintiffs are correct that the Rules ^{15-CV-18-334} do not apply in certain contexts. The Rules “do not govern pleadings, practice and procedure” in specific statutes “insofar as they are inconsistent or in conflict with the rules.” Minn. R. Civ. P. 81.01(a). Drainage proceedings are one such specific statute. *See* Minn. R. Civ. P. app. A (listing Chapters 103A–110A). Therefore, the specific statute is only exempted from the Rules when the Rules are inconsistent with the language of the statute. Here, the statute² specifies an appeal timeline, but does not specify a type of service. It simply states “[t]he appellant must serve notice of the appeal.” Minn. Stat. § 103E.095 subd. 1. Following the Rules on service would not be inconsistent with the statute because the statute does not direct how an individual should effect service. Thus, the language of the statute is not inconsistent with the Rules and the Rules apply with regards to service on the auditor.

IV. The proper appellate statute is Minnesota Statutes section 103E.095

The parties do not dispute that Plaintiffs have a right to appeal the Board’s decision, but debate which statute controls the appeal. Plaintiffs argued at the hearing that Minnesota Statutes section 103E.095 applies because the Board’s actions constituted a dismissal of a drainage proceeding. Defendant contended that Minnesota Statutes section 103E.095 does not apply and that the applicable statutes are Minnesota Statutes sections 103D.535 and 103D.537. At the hearing, Defendant clarified that its position is simply that the Board did afford the Plaintiffs due process and that their appeal was improper under any of the potential avenues of appeal. Defendant states, “Plaintiffs had notice of the Board’s decision from the meeting and subsequent minutes, the timeline for appeal has lapsed, and the Court has no jurisdiction to hear the appeal.”

² *See infra* Section IV for the Court’s analysis regarding the applicable statute.

Plaintiffs petitioned for abandonment under Minnesota Statutes section 103E.811. *See* Minn. Stat. § 103E.811. Section 103E.811 walks through the procedures for an abandonment petition, abandonment hearing, and the abandonment standard; it does not specifically outline how to appeal. *See id.* Chapter 103E, titled “Drainage,” contains two provisions for appeals—Minnesota Statutes section 103E.091 and 103E.095. Section 103E.091 states that a party may appeal a recorded order of a drainage authority that determines benefits, damages, fees or expenses allowed, or whether certain criteria regarding establishment of a drainage project are met. Because Plaintiffs are not appealing an order that determines said economic issues or criteria, Minnesota Statutes section 103E.091 is not applicable. *See* Minn. Stat. § 103E.091.

The Court finds that Minnesota Statutes section 103E.095, rather than 103D.535 and 103D.537, is the applicable statute for appealing a board’s decision regarding a petition to abandon a drainage system. First, Chapter 103E is titled “Drainage” and addresses drainage authority powers. Second, Chapter 103E establishes an abandonment procedure in Section 103E.811. The logical place to look for appellate procedure for an abandonment proceeding is to look to other sections in Chapter 103E. Finally, and most persuasive, is the text of section 103E.095 itself. Section 103E.095 controls “an order made by the board that dismisses **drainage proceedings** or establishes or refuses to establish a drainage project.” Minn. Stat. § 103E.095 subd. 1 (emphasis added). A petition to abandon a drainage system *is* a “drainage proceeding.” *See* 25 Minn. Prac., Real Estate Law § 8:4, Westlaw (Dec. 2018 update). Within the confines of the Chapter, “proceeding” is “a procedure under this chapter for or related to drainage that begins with filing a petition and ends by dismissal or establishment of a drainage project.” Minn. Stat. § 103E.005, subd. 22. Chapter 103E includes several different types of “procedures for or related to drainage,” or drainage proceedings, including proceedings for

partial or total abandonment of a drainage system, as well as proceedings to establish a new drainage system; improve an existing ditch; improve a ditch outlet; establish laterals to a ditch; modify surface waters; repair an existing ditch; and remove property from a drainage system. *See* Minn. Stat. §§ 103E.806, 103E.811, 103E.212, 103E.215, 103E.221, 103E.225, 103E.227, 103E.715, 103E.805. A separate statute section is dedicated to each type of drainage proceeding and includes detailed petition procedures, but none of the dedicated separate sections addresses appellate procedure. *See, e.g.*, Minn. Stat. § 103E.212. Instead, the Chapter provides a general appeal section that applies to all of the “drainage proceedings.” Here, Plaintiffs petitioned for abandonment of Ditch No. 5 and that “drainage proceeding” was denied, or dismissed, by the Board. Therefore, section 103E.095 outlines the procedure for appealing such a dismissal.

V. The timeline for appealing has not run

Having determined the appropriate appellate statute, the Court turns to the appeal timeline within the statute. The statute contains a 30-day window for filing an appeal, specifically stating that “the appellant must serve notice of the appeal to the auditor within 30 days after the order is filed.” Plaintiff contends that the timeline has not started because the Board never completed or filed an “order” with its decision. In contrast, Defendant argues that an appealable “order” was complete, and therefore the appeal timeline started, when the Board approved the secretary’s meeting minutes that included a record of the vote to deny the Plaintiffs’ abandonment petition. Defendant asserts, “There is no statutory requirement that a formal Order be drafted or that a formal Order be served by Defendant upon all Petitioners. The filing of the Order in the approved minutes of the Defendant’s records is sufficient under statute.”³ The parties agree that Plaintiffs’ Amended Notice of Appeal served on the auditor by a

³ Defendant argues that Minnesota Statutes section 103D.535 applies to this situation. While the Court finds that section 103E.095 applies rather than 103E.535, it still considers Defendant’s argument that a written order separate

non-party was served more than 30 days after the June 14, 2018 meeting minutes were approved by the board on June 27, 2018.

When interpreting a statute, courts start with whether the language is ambiguous. *City of St. Paul v. Eldredge*, 788 N.W.2d 522, 525 (Minn. Ct. App. 2010). “A statute is ambiguous only when the language therein is subject to more than one reasonable interpretation.” *Id.* (quoting *Am. Family Ins. Group v. Schroedl*, 616 N.W.2d 273, 177 (Minn. 2000)). In this case, the Court need not go any further with its analysis. The statute is not ambiguous. According to the statute, “[t]he appellant must serve notice of the appeal to the auditor within 30 days after the *order is filed*.” Minn. Stat. § 103E.095 subd. 1 (emphasis added). The plain meaning of the word “order” in the legal context is a written document that determines an issue. It is distinctly separate from meeting minutes or similar documentation. Other provisions of section 103E.095 support such a conclusion. The procedure for an appeal requires the district court to consider “findings made by the board” and consider the “board’s order [as] prima facie reasonable.” Minn. Stat. § 103E.095 subd. 2. The procedure suggests that a separate order in the traditional sense or meaning of the word, a document that outlines the Board’s decision and reasoning, is appropriate. Here the Board did not file an order. Without an order, the appeal timeline in the statute has not run.

It appears no appellate court has squarely addressed the meaning of “order” or “final order” in section 103E.095 or 103D.535. Similarly, it appears no appellate court has faced the question of what statute controls the appeal of a petition to abandon a ditch. While there is no case law specifically on point, case law and an Attorney General Report support this Court’s conclusions on both matters. The Court of Appeals has observed, “Drainage proceedings are

from meeting minutes is not required. The language of 103D.535 is similar to the language in 103E.095 in that it addresses appealing an “order” and requires that an “appeal must: (1) be filed within 30 days of the final order.” Compare § 103E.09 (“The appellant must serve notice of the appeal to the auditor within 30 days after the order is filed.”) In either case, the Court is tasked with interpreting the word “order.”

governed by Minnesota Statutes chapter 103E.” *Matter of Petition for Establishment of Cty. Ditch No. 11 (Bevens Creek) Cty. of Carver*, 511 N.W.2d 54, 55 (Minn. Ct. App. 1994). In another unpublished case, it did not question the application of Section 103E.095 in an appeal of a partial abandonment. *See EverStar, LLC v. Aitkin Cty. Bd. Of Comm’rs*, A17-0367, 2017 WL 5560059 (Minn. Ct. App. Nov. 20, 2017).

The applicable statute provides a 30-day appeal window from the Board’s “order.” The Minnesota Attorney General’s Office addressed this precise issue in the context of a ditch establishment petition, another type of proceeding covered by section 103E.095. Op. Atty. Gen. 1950, No. 7, p. 33. The Attorney General reasoned, “[T]he appeal period begins to run from the date of the order establishing the ditch” rather than the date of the hearing approving the reports. *Id.* p. 33–34. A primary consideration for the Attorney General was that water boards have similar powers to district courts when holding hearings on petitions. *Id.* p. 33. In a similar matter, a district court would develop and sign an order, sometimes days after the hearing was held. In the Attorney General’s opinion, water boards are held to the same standards. *Id.* The Court recognizes that the legislature has modified and reorganized the drainage statutes since this 1950 opinion. However, the statute has consistently referred to and “order” and the quasi-judicial nature of water boards have not changed. *See* Minn. Stat. § 106.631 (1984) (repealed 1985). Boards continue to have decision-making authority analogous to district courts in all types of drainage proceedings, including abandonment. This Court agrees that a signed order, separate from meeting minutes, is appropriate and required.

Because the appeal timeline has not run, the Plaintiffs’ appeal was timely and the Court has jurisdiction. This creates a situation where Plaintiffs have appealed a Board decision to dismiss a drainage proceeding for which the Board has not yet issued an order that comports with

the statute. The Court declines to dismiss the appeal on that basis, not wanting to require the parties to start again, but nevertheless finds a remand to the Board is appropriate. An order outlining the Board's decision and reasoning ^{15-CV-16334} is appropriate and necessary. The Court cannot make an informed decision on the current record. Again, the procedure for an appeal requires the district court to consider "findings made by the board" and consider the "board's order [as] prima facie reasonable." Minn. Stat. § 103E.095 subd. 2. For judicial efficiency, the Board shall complete and file a document that comports with Chapter 103E and section 103E.095. Plaintiffs can thereafter serve and file an amended notice of appeal if they see fit to do so.

VI. Conclusion

Plaintiffs may appeal the Board's denial of their abandonment petition. Because the Board has not filed an order, the 30-day appeal deadline has not lapsed and the appeal should not be dismissed for lack of jurisdiction.

S.L.M.

**Filed in District Court
State of Minnesota**

OCT 17 2019

State of Minnesota
Clearwater County

District Court
Ninth Judicial District

Court File Number: **15-CV-18-334**

Case Type: Civil Other/Misc.

Notice of Filing of Order

FILE COPY

**Four Legged Lakes Landowners & Affected Taxpayers vs RED LAKE WATERSHED
DISTRICT**

You are notified that on October 17, 2019, the following was filed:

Findings of Fact, Conclusions of Law and Order

Dated: October 17, 2019

Camille Bessler
Court Administrator
Clearwater County District Court
213 Main Avenue North, Dept 303
Bagley MN 56621
218-694-6177

cc: WILLIAM J BRUDVIK
DELRAY LYNN SPARBY

A true and correct copy of this notice has been served pursuant to Minnesota Rules of Civil Procedure, Rule 77.04.

Red Lake Watershed District - Administrators Report

October 24, 2019

Red River Watershed Management Board – LeRoy attended the RRWMB meeting which will be held 9:30 am on October 15, 2019 at the RRWMB Board Room in Ada. I was unable to attend due to workload at the office.

Commissioners/Annual Report Meeting – Les and I will be attending the Clearwater County Board meeting at 9:00 am, October 29th. This will wrap up our meetings for the year.

Red Lake River 1w1p – Planning Work Group meet with MPCA staff at 1:00 pm October 21st at the RLWD office. This meeting was very productive in that we had a sit down, face to face meeting to better develop our draft workplan for the upcoming MPCA 319 grant that was approved for the middle Red Lake River 1w1p.

Red River Watershed Management Board Drainage Conference – October 22nd I took part in a telephone conference with Louis Smith concerning topics of interest for discussion at sessions for the 2nd annual RRWMB Drainage Conference which will be held on January 27, 2020 at the Marriott Moorhead. There are some concerns throughout Minnesota on Counties not wanting to, or willing to, bond for public drainage projects in which the watershed district will be the ditch authority. Although I told Louis we have not ran into this problem, we thought it would still be at topic for the upcoming conference.

Water Quality Report – Please find included in your packet, Corey’s water quality report dated June 2019.

By Corey Hanson, Red Lake Watershed District Water Quality Coordinator. 10/10/2019.

- Lake sampling
- Blue-green algae sampling
- River Watch
- Clearwater Lake Shoreline Restoration
- Logging Legacy: Historical dams along the trout stream reach of the Clearwater River
- Red Lake River Watershed Restoration and Protection Strategy
- Intensive monitoring in the Lost Lake and Pine Lake area
- Stream gauging
- Thief River One Watershed One Plan
- Red Lake River One Watershed One Plan

Lake Sampling

In addition to sampling Lost Lake and Pine Lake in 2019, the District is also collecting samples from Long Lake, near Pinewood, to determine whether or not the lake is still impaired. The lake met lake eutrophication water quality standards in the June 2019 samples. Reconnaissance of the lake in 2018 found very little shoreline disturbance and included a set of samples that met water quality standards. Long Lake has no public accesses, so District staff have been in contact with a primary landowner along the lake to obtain access permission, learn about the history of the lake, and share sampling results. The landowner noted some potential historical sources of nutrients like the former cattle operation, and residence on the north side of the lake that used to have a straight pipe to the lake instead of a septic system. Lost lake completely freeze-out (winterkill of fish) recently. Some fish have returned, but bullheads were eliminated by the freeze-out. The landowner suspected that the bullheads were negatively affecting water clarity because the water was never clear when the bullheads were in the lake.

Blue-Green Algae Monitoring

- District staff regularly collected samples at the Maple Lake public beach, where the District's highest measured concentration of algal toxins was discovered in 2018. All 2019 samples were negative for algal toxins (0 ppb). A temperature logger was also deployed in the lake to help us learn more about how water temperature can affect the prevalence of blue-green algae.
- The District was contacted by a landowner along the south shore of Upper Red Lake that was concerned about excess algae blooms (filamentous algae and possibly blue-green algae) and effects that drainage of wild rice paddies. He sent photos of piles of filamentous algae on his lakeshore (from 2018). He was encouraged to call if the problem recurred in 2019 so that it could be examined in person and the water could be tested for the presence of algal toxins.

River Watch

The International Water Institute's June 2019 River Rendezvous newsletter (#37, <https://us15.campaign-archive.com/?u=d4cf6826977511bce55ceeb54&id=56fb2e4a9b>) featured the River of Dreams program that teaches young students about watersheds through classroom visits and miniature canoe launches. The program has been featured in several newspapers, including the Grand Forks Herald, Valley City Times, and Wahpeton Daily News.

Clearwater Lake Shoreline Restoration

The latest edition of the Clearwater Lake Area Association (CLAA) describes the shoreline restoration projects that were completed along the lake. The CLAA worked with the Beltrami County and Clearwater County Soil and Water Conservation Districts to complete the projects. The project was funded by an Enbridge Ecofootprint Grant (\$75,000), landowners (10%) and the RLWD (\$12,500 for sites in Beltrami County and \$4,798 for sites in Clearwater County). The Projects were completed on four properties along the lake that were experiencing shoreline erosion.



Coconut fiber logs were used to stabilize the shoreline and give native plants an opportunity to take root behind the logs. Aquatic vegetation was also preserved/established along the shorelines to help protect the shoreline from wave action and to provide habitat. Jo Lynn Chadwick, CLAA Secretary, shared some photos of the completed restorations.



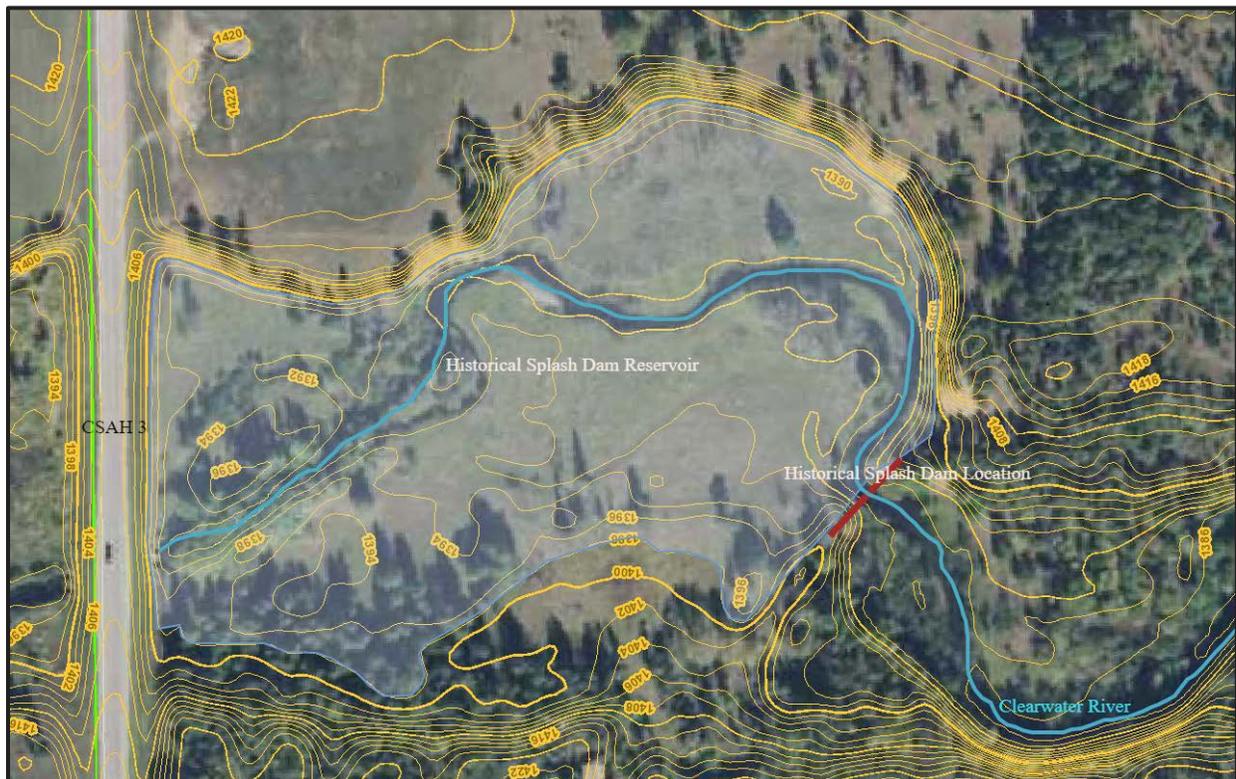
Logging Legacy: Historical Dams along the Trout Stream Reach of the Clearwater River

District staff met with landowner Charles Evenwoll to view the location of an old splash dam and reservoir pool that were used for staging and then moving logs down the river. Charles shared more of his knowledge of the history of the Clearwater River. He owns land along Long Lake, the Clearwater River, and other areas, including a portion of the trout stream reach of the Clearwater River.



Logs on the Clearwater River.

The Evenwoll family has owned land along the Clearwater River since 1892. When the family settled in the area, there were no roads, just trails. Historically, there were several dams along the Clearwater River. The dams were used around the turn of the century (late 1800s and early 1900s) to help with the transport of logs down the river to downstream mills. The area had the largest white pine stand in northern Minnesota when it was first logged. The stand was also characterized by the large size of its white pine trees.

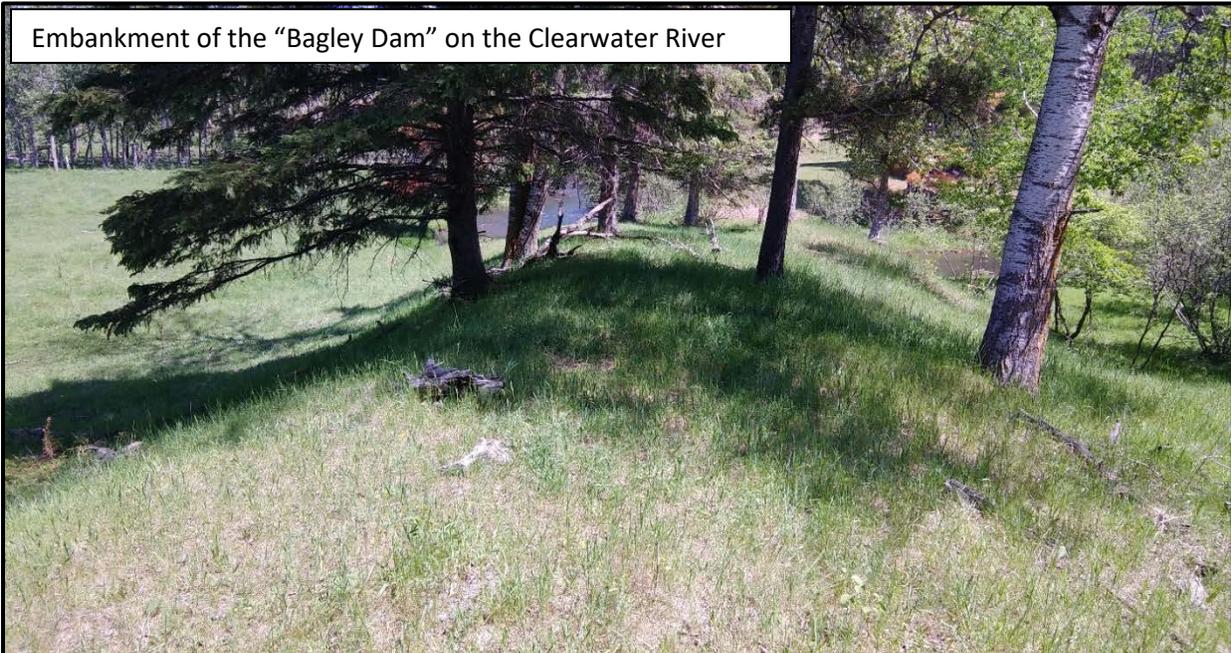


The “Bagley Dam” was constructed on the Evenwoll property. The dam created a large pool in the floodplain of the river (downstream of where CSAH 3 currently crosses the river. Logs were piled on the ice behind the dam and floated downstream in the spring by opening or removing the dam. Opening these splash dams would create a little flash flood that would flush the logs down the river. The logs would be floated down the river to Clearwater Lake and then a long log drive, complete with wanigans (a type of houseboat), would take the logs to sawmills in Red Lake Falls, Crookston, and Grand Forks.

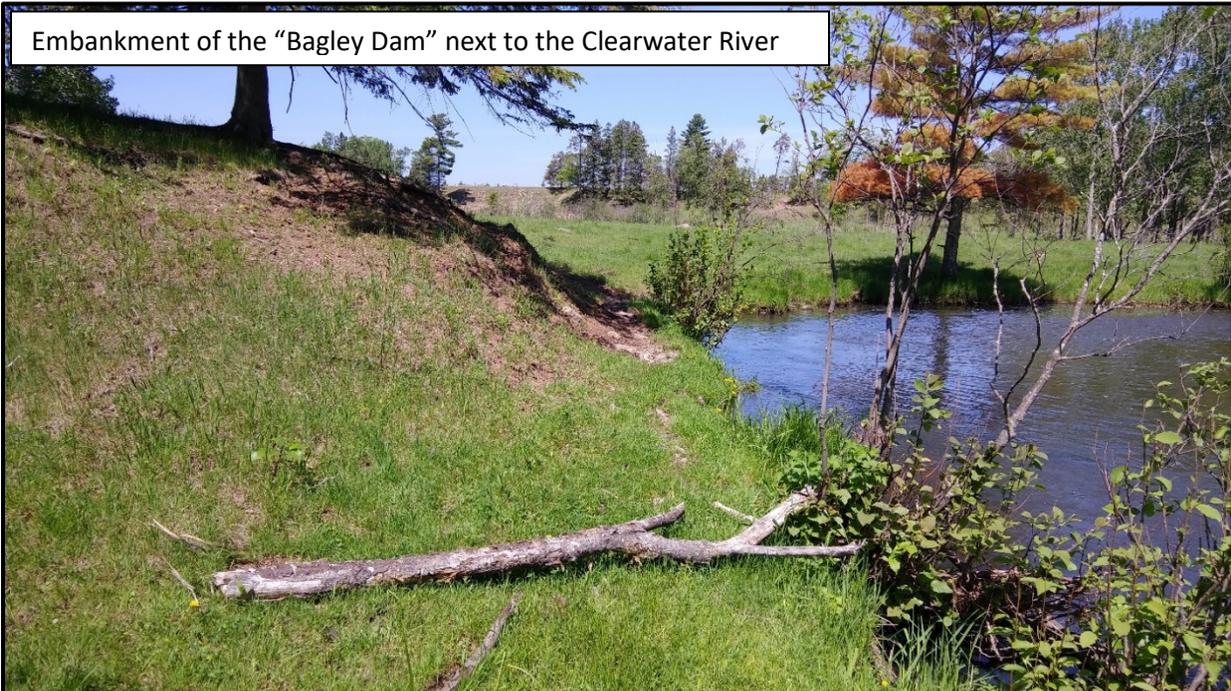
Logs were also piled on the shore of the pool behind the dam. After the logs on the ice were floated downstream, the logs on shore would be rolled into the river. Logs could be spaced out to prevent log jams. The pool was deep enough that dead heads (logs that wouldn’t float) would accumulate and a steam sawmill would be brought in to cut them up. There was a lot of sedimentation within that pool. In fact, every dam had a pool and silt behind it. Today, that 3-4 feet of loose sediment is highly erodible and provides further explanation for the relatively unstable banks and active erosion that has been noted along that portion of the river. The embankments that were part of the old dam are still present today. There also appeared to be some remnants of the dam in the river. Much of the man-made earthen dam and an outline of the pool are evident on-the-ground and in topographic maps but are much easier to envision after learning about the history of the area.

There was a Headwaters Logging Camp along the Clearwater River near the railroad crossing of the river west of Pinewood. The foundations of those buildings are still there. The other dams were located upstream of CSAH 22 and near the “Tronnes Farm,” west of Buzzle Lake. There has also been a lot of erosion at the Tronnes Farm.

Embankment of the "Bagley Dam" on the Clearwater River



Embankment of the "Bagley Dam" next to the Clearwater River



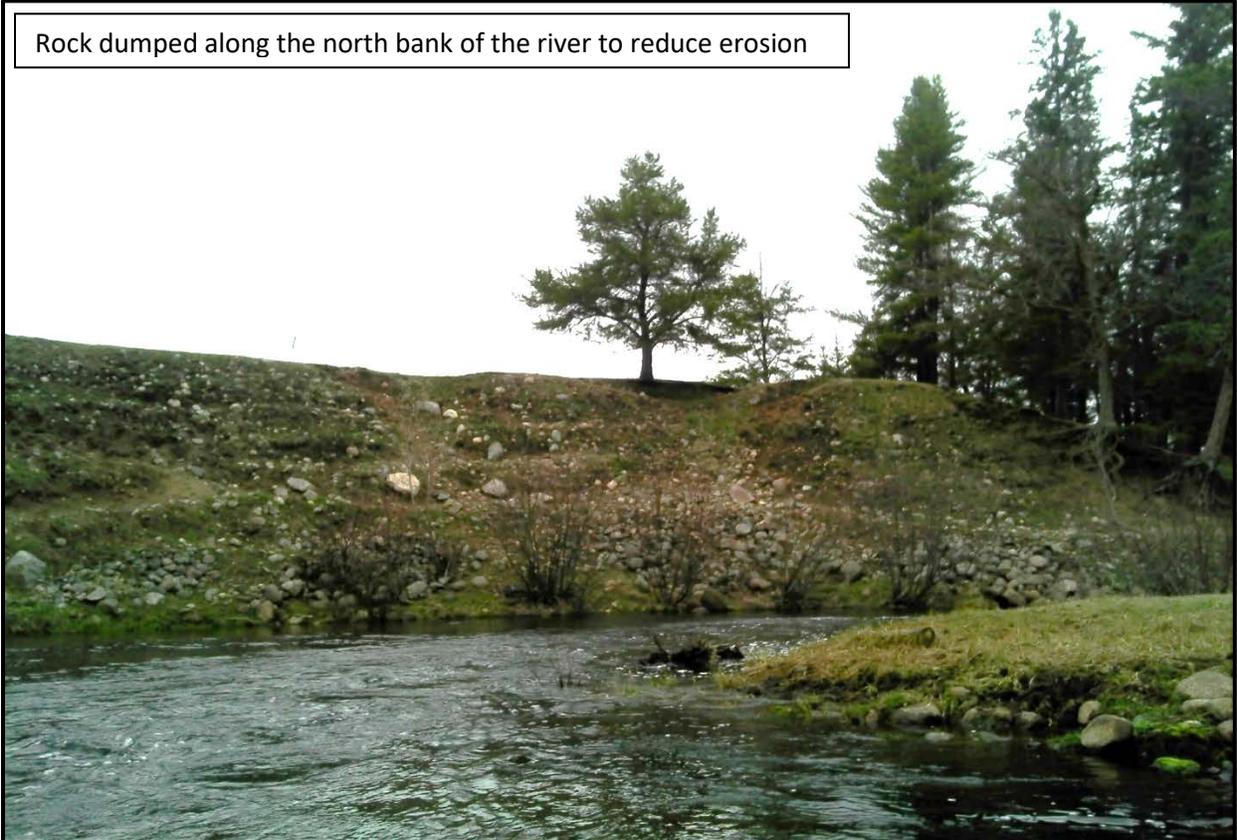
Remnants of the "Bagley Dam" in the Clearwater River



This portion of the river was assessed during the fluvial geomorphology study. The pool area, which was being grazed, had more active erosion than other areas along the river. It was assumed that the removal of vegetation by grazing was the cause of the eroding banks. There was a significant difference between the banks within the pool area and the well-vegetated (more shrubs and trees) banks downstream. The splash dam reservoir was likely cleared of trees when it was in use and, according to the landowner, approximately four feet of sediment accumulated in the valley behind the dam. That loose, silty sediment would be more easily eroded, relative to the rest of the river. The sediment is very rich, garden-quality soil. Sediment was likely deposited at a level that is greater than the current bankfull height, so that would make it even more vulnerable to erosion. The river is also pastured downstream of the former dam but has relatively stable banks that are better vegetated with shrubs and small trees. Charles noted that shrubs have had a hard time growing within the old pool area. A portion of the river within the pool, downstream of CSAH 3, has been dredged and straightened. It historically meandered to the north, downstream of the road and there were some erosion problems on the north side of the river. Downstream of the straightened portion of the river, there is still a tall bank that has had erosion problems in the past. The DNR dumped rock down that large, steep slope in an attempt to slow the erosion.

The landowner has been asked, by state agencies, to fence his cattle away from the river. He feels that he would rather remove the cattle from the area than clutter the scenic river valley with fencing and has plans to do so. Removing the cattle would also reduce physical disturbance of the banks and reduce *E. coli* concentrations in the river. The establishment of native plants was discussed as a way to add deep-rooted protection for the streambanks while complementing the aesthetics of the valley.

Rock dumped along the north bank of the river to reduce erosion



Erosion of the sediment that was deposited within the historical reservoir



Red Lake River Watershed Restoration and Protection Strategy (WRAPS)

MPCA staff, when reviewing the draft WRAPS and TMDL documents, asked about the current status of streams/ditches that the WRAPS process had identified as needing a better buffer. Some of those locations have been planted to comply with the Buffer Law, but some streambanks and ditch banks were still lacking a buffer.

Burnham Creek (Waterbody ID 09020303-551, upstream of CSAH 45): Right of way markers have been placed along AUID 551 and farmers are abiding by those stakes. The right of way markers upstream of CSAH 45, however, were placed at the crown of the ditch channel. That may have something to do with the long ditch slope or the amount of right of way that was purchased. At the other crossings, the channel was buffered beyond the spoil bank. Some tributary ditches in the Burnham Creek subwatershed have inadequate buffers and fields that are plowed to the crown of the ditch bank. County Ditch 130 had severe erosion problems.

Good buffer, with RLWD markers, along Burnham Creek



Erosion along CD 130, near Burnham Creek



Gentilly River: There were some fields with recently planted (spotty, not well-established) buffers near some crossings along the channelized portion south of Highway 2. However, there were still multiple cultivated fields that had no buffer along the channel.

Cyr Creek: Some progress has been made with buffer installation along Cyr Creek, with some recently planted (sometimes spotty) buffers. However, there were still portions of the channel and tributary ditches with no buffer.

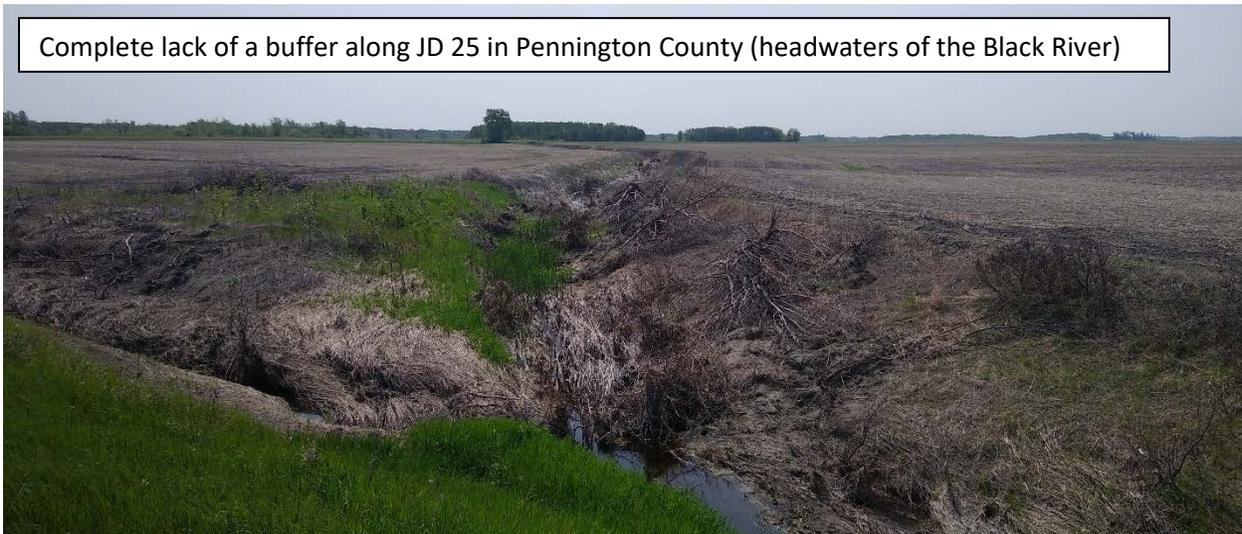
Poor buffer and erosion along Cyr Creek in Red Lake County



Black River (Waterbody ID 09020303-558, channelized portion): New buffer has been planted along much of the JD 25 portion of Burnham Creek upstream of 110th avenue, but the buffers near 120th Ave haven't been improved. Much of the channelized portion (Waterbody ID 09020303-557) also lacks trees and shading of the channel. The east-west-flowing portion of JD 25 is still farmed to the edge of the ditch bank.

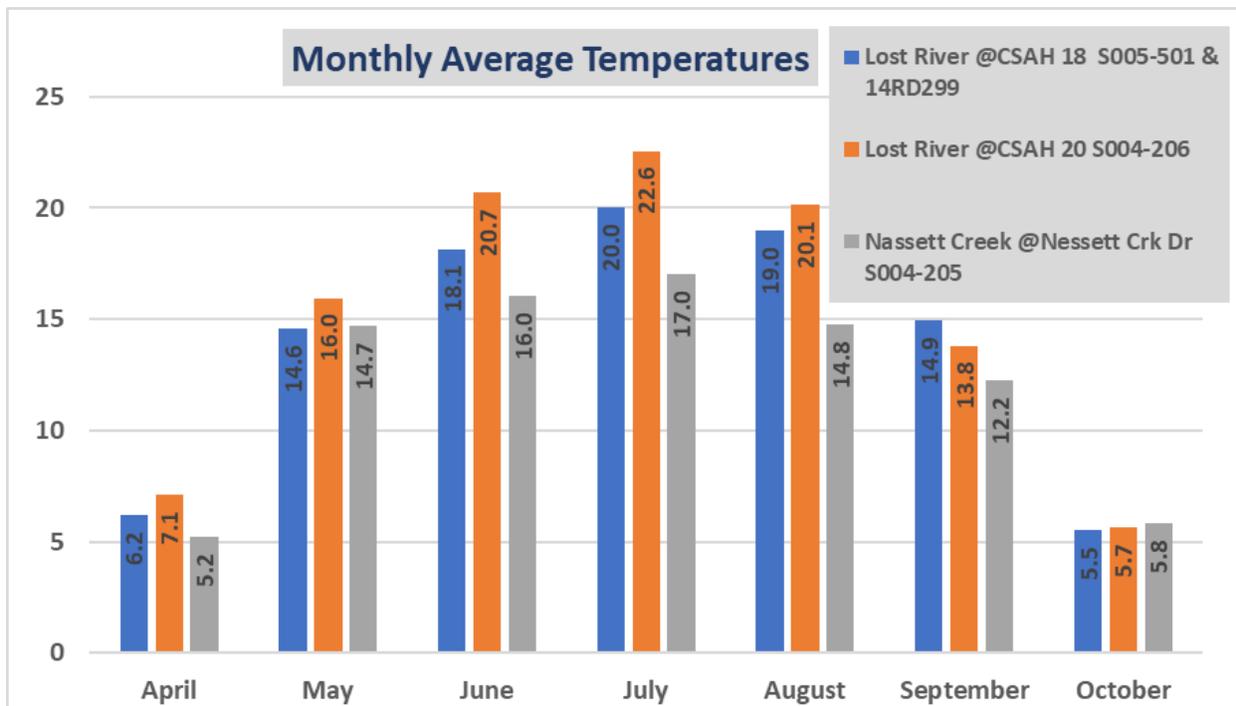
Pennington County Ditch 43: The portion of Pennington County Ditch 43 downstream of CSAH 27 still has no buffer. The channel upstream of CSAH 27 has a recently established buffer.

Complete lack of a buffer along JD 25 in Pennington County (headwaters of the Black River)



Intensive Monitoring in Lost Lake and Pine Lake Area

Temperature data from the designated trout stream portion of the Lost River was summarized and compared to data from Nasset Creek. Nasset Creek’s temperature and dissolved oxygen levels are closer to levels that would support trout than the Lost River, which has significantly warmer temperatures and has had low dissolved oxygen levels.



Twice each month, samples were collected from Lost Lake, the Lost River and a tributary upstream and downstream of Lost Lake, and the Lost River upstream and downstream of Pine Lake. Pine Lake was sampled once each month during the summer of 2019. Lost Lake met water quality standards for lake eutrophication and also had low *E. coli* concentrations in June 2019. HOB0 water level loggers were installed in the streams near the inlets and outlets to Lost Lake and Pine Lake. HOB0 dissolved oxygen loggers will be deployed at those sites when they are shipped back from the company with new batteries. Water levels in Lost Lake had dropped after the initial reconnaissance of the lake. A hole had developed in a beaver dam at the outlet of the lake. The decrease in water level appeared to be causing some erosion upstream as well. Water flowing around a beaver dam near the inlet of the lake was cutting down and eroding due to the increased head differential. Pine Lake had very clean water and met water quality standards this month. The Secchi disk reading in Pine Lake (June 12, 2019) went all the way to the bottom of the lake.

Hole in the beaver dam at the outlet of Lost Lake



Water flowing around a beaver dam near the inlet to Lost Lake



Stream Gauging

New HOBO water level loggers were purchased and deployed at Lost River monitoring sites near Pine Lake and Lost Lake. Water level loggers were deployed in Pennington County Ditch 96, Judicial Ditch 73 near Rydell National Wildlife Refuge, the Hill River upstream of Hill River Lake, Clearwater River at CSAH 2, Moose River at CSAH 54, and Branch A of Judicial Ditch 21. Flow was measured in Marshall County Ditch 20 at Sharon Road, Hill River at CSAH 19 near Brooks, Poplar River at CSAH 118.

Thief River One Watershed One Plan (1W1P)

District staff reviewed a full draft Thief River One Watershed One Plan document. A Planning Work Group phone conference was held to discuss comments on the full draft of the plan.

Red Lake River Watershed One Watershed One Plan

- District staff reviewed a draft Section 319 Small Watersheds Focus work plan for the Red Lake River that was drafted by MPCA staff.
- A Red Lake River 1W1P Planning Work Group conference call was held on June 10, 2019.
 - Assembled an agenda for an upcoming Policy Committee meeting
 - Discussed a cost share policy
 - Reviewed the wording of an amendment
 - A contract template and checklist will be posted on the 1W1P website
 - The word “practices” will replace “SWIs” throughout the cost share policy to make it less specific.
 - The Policy Committee has no authority to enter into contracts because a Joint Powers Authority was not formed.

Other Notes

- The District’s Onset HOB0 dissolved oxygen loggers were all shipped to Onset for battery replacements in the early summer, 2019. When they arrived back at the RLWD office, staff began deploying them at Pine/Lost Lake monitoring sites and at other strategic locations. In addition to intensive studies like the 2019 Pine/Lost Lake area monitoring, District staff have a 10-year plan for collecting continuous dissolved oxygen records at sites along significant reaches of streams and ditches prior to the next round of formal MPCA water quality assessment. In June 2019, a dissolved oxygen logger was deployed in Pennington County Ditch 21 until flow ceased.
- Water quality related notes from the June 24, 2019 Red Lake Watershed District Board of Managers meeting:
 - District Manager, Rachel Klein, East Polk Soil and Water Conservation District, presented a proposal for cost share for five water and sediment basins sites in Brandvold Township. Klein stated that this area tends to wash out a road. Estimate project cost is \$73,176.00 with a request for 25% cost share funding from the RLWD’s Erosion Control Funds. Klein stated that the SWCD will contribute 50% with the landowner paying 25% of the project costs. Following discussion, a motion was made by Sorenson, seconded by Tiedemann, and passed unanimously, to approve a cost share of 25% from the RLWD Erosion Control Funds for the installation of five water and sediment basins for the East Polk SWCD.
- District staff participated in Legacy Fund Restoration Evaluation site visits to Halvorson and Erickson projects along with staff from the Pennington SWCD, MN DNR, and BWSR. The Legacy Fund Restoration Evaluation site visits also included the rock riffles that were installed in Burnham Creek by the West Polk SWCD.

Halvorson bank stabilization project along the Thief River



Part of the Halvorson stream bank stabilization project recently collapsed during high flows



Erickson Group streambank stabilization project



Rock riffle structure on Burnham Creek



- A water quality report for the month of February 2019 was completed, posted online, and shared.
- District staff began gathering information and making contacts to facilitate the creation of a lake management plan for Bartlett Lake (at Northome, MN).
- DNR staff sampled fish in Burnham Creek in June to gather baseline fish community data for the recent restoration project.

- A sample was collected from a small ditch that was filled with discharge from the Farmer's Co-op Elevator in northern Thief River Falls in response to a complaint from a landowner. The discharge was being routed from the elevator building(s) to the ditch, which then flowed into Chief's Coulee. The smell (septic rotten grain) was very bad and it was understandable that the homeowner would be upset about having foul smelling water in his backyard. An update on the sample collection and photos of the sampling location were sent to city and MPCA staff. City staff and the mayor had also already contacted MPCA staff about the problem. Extreme concentrations of ammonia nitrogen (424 mg/L), total Kjeldahl nitrogen (194 mg/L), total phosphorus (211 mg/L), orthophosphorus (199 mg/L), and total suspended solids (340 mg/L) were found in the sample that was collected from the water in the ditch. *E. coli* bacteria was the only pollutant that was not found. A high concentration of *E. coli* had been found in the May sample, however.



Meetings and Events from June 2019

- **June 19, 2019** – Polk County Water Resources Advisory Committee
 - The SWCD dealt with a Cable Lake shoreland violation where a landowner had created his own access.
 - The Sand Hill Watershed District is adding an online permit submittal method and is weighing options for expanding their office.
 - Polk County is starting to work on a geologic atlas for the county.
 - The Wild Rice River One Watershed One Plan process has started.
 - There has been a changeover in staff at the Environmental Service office, so they have been trying to keep up with planning and zoning while short-handed.

- The East Polk SWCD has been busy with enforcement of Wetland Conservation Act regulations.
- The Polk County SWCD is still sampling 11 lakes in the county.
- The East Polk SWCD conducts well monitoring.
- The erosion on the south side of Cameron Lake was discussed as a future project that could be a collaboration with the East Polk SWCD, city of Erskine, MNDOT/Highway Department, and the RLWD.
- Polk County has invested in pictometry aerial photography of the county. The county was flown in May. This high-resolution, current imagery allows for 360° views of properties. It has been helpful for planning/zoning and appraisals. It is also being used to help assess buffer compliance. Other agencies and organizations, like the RLWD, will have an opportunity to “buy-in” and use the imagery.
- There was a discussion about coordinating and sharing permitting information. There should be a way to make sure that all pertinent entities are contacted for each permit.
- Maple Lake discussion
 - There is a washout along 140th Ave at Salem Shores
 - The SWCD put together a Lake Leader newsletter that was specific to Maple Lake.
 - A rain collection project may be completed by the southwest access.
 - The SWCD has been getting a lot of calls from landowners that are interested in doing rain garden or shoreline restoration projects.
- **June 19, 2019** – Polk County Aquatic Invasive Species
 - Cleaning tools and signage have been installed at the Maple Lake public access
 - There was discussion about the acquisition of CD³ (Clean Drain Dry Dispose) waterless decontamination systems
 - Disposal of water, post-cleaning, is an issue that is being discussion.



RED LAKE WATERSHED DISTRICT
MONTHLY WATER QUALITY REPORT

June 2019

Red Lake Watershed District Monthly Water Quality Reports are available online:
<http://www.redlakewatershed.org/monthwq.html>.

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

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

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