

RED LAKE WATERSHED DISTRICT

October 22, 2020

Agenda

9:00 a.m.

9:00 a.m.	Call to Order	Action
	Review and approve agenda	Action
	Requests to appear	Information
	October 8, 2020 Minutes	Action
	Financial Report dated October 21, 2020	Action
	Investment Summary	Information
	Black River Impoundment, RLWD Project No. 176	Info./Action
	Ditch 16, RLWD Project No. 177-Pay Estimate No. 10	Action
	Thief River Falls Westside FDR Project, RLWD Project No. 178 Pay Estimate No. 12 Change Order No. 7	Information Action Action
	Parnell Impoundment, RLWD Project 81-Habitat Crossing	Information
	Burnham Creek, RLWD Project No. 43B-Simmons Crossing	Info./Action
	Brandt Impoundment, RLWD Proj. No. 60D-Maintenance/Modifications	Information
	Ring Dike	Information
	Table: 20207 and 20208, Darrell & Danny Payment	Action
	No. 20236, David Solo, Moylan Township	Info./Action
	Permits: No. 20206, 20251, 20254-20263, 20265-2073, 20289, 20291	Action
	Administrators Update	Information
	Legal Counsel Update	Information
	Managers' updates	Information
	Adjourn	Action

UPCOMING MEETINGS

November 11, 2020	Office Closed Veterans Day
November 12, 2020	RLWD Board Meeting, 9:00 a.m.
November 24, 2020	RLWD Board Meeting, 9:00 a.m. (Note change of date)
November 26-27, 2020	Office Closed Thanksgiving Day

RED LAKE WATERSHED DISTRICT
Board of Manager's Minutes
October 8, 2020

DRAFT

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

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

The Board reviewed the September 24, 2020 minutes. Motion by Sorenson, seconded by Torgerson, to approve the September 24, 2020 Board meeting minutes as presented. Motion carried.

The Board reviewed the Financial Report dated October 7, 2020. Motion by Page, seconded by Tiedemann, and passed by unanimous vote to approve the Financial Report dated October 7, 2020. Motion carried.

Staff member Nick Olson and Dave Marshall presented constructions plans for modifications to the Brandt Impoundment, RLWD Project No. 60D, on property owned by Ron Salentine. Olson discussed installation of two berms that would stop water from breaking out onto Salentine's property, installation of culvert at the extension of the berm and lowering of the emergency spillway by one foot. Landowner, Ron Salentine, stated that the flowage easement he has with the District is at an elevation of 1916.0, with the emergency spillway at an elevation of 1917. Mr. Salentine is requesting a flowage easement up to 1917.0. Motion by Tiedemann, seconded by Ose, to grant authority to Administrator Jesme to negotiate a rate per acre for a flowage easement with Mr. Salentine up to an elevation of 1917.0, for the Brandt Impoundment, RLWD Project No. 60D and report back to the Board. Motion carried.

Landowners Tim Chaput, George Proulx and Randy Proulx appeared before the Board for discussion on RLWD Permit No. 20052, Tim Chaput, Lake Pleasant Township, Red Lake County. Staff member Nick Olson stated that Mr. Chaput's permit, requests the installation of a 18" culvert at Site 1, and removal of a 18" culvert at Site 2, which would allow Mr. Chaput to drain the 5 acre area between the two crossings to the west through the Proulx property. Olson stated that the remainder of Chaput's property can drain north in a private field ditch. Olson reviewed the 2001 Red Lake County road improvement plans and determined that an 18" culvert was designed for Site 1, which was later found buried in the field entrance. Olson stated that a berm was recently placed, which would block Chaput's water from going west. George and Randy Proulx discussed their local drainage and need for an outlet. Following discussion with the landowners, motion by Torgerson, seconded by Tiedemann, to approve RLWD Permit No.

20052, Tim Chaput, Lake Pleasant Township, directing George and Randy Proulx to remove the berm placed in the field ditch, to allow Mr. Chaput's water to drain west. Motion carried.

Administrator Jesme stated that he will be participating in a conference call with the staff from the NRCS to negotiate the grant match for the Black River Impoundment Project, RLWD Project No. 176. Jesme stated that he will request the land acquisition, engineering and design and potentially permitting to be included in the match. Motion by Tiedemann, seconded by Ose, to authorize Administrator Jesme the authority to sign the NRCS grant for the Black River Impoundment, RLWD Project No. 176. Jesme reported that District staff and Legal Counsel Sparby are reviewing R.Z. Zavoral and Sons, Inc. contract documents. A preconstruction meeting will be held on October 14, 2020. Legal Counsel Sparby stated that he had met with landowner Steve Sorvig regarding drafting of an easement.

The Board reviewed Pay Estimate No. 9 in the amount of \$78,536.01 to Burski Excavating, Inc. for construction of RLWD Ditch 16, RLWD Project No. 177. Motion by Sorenson, seconded by Tiedemann, to approve Pay Estimate No. 9 for \$78,536.01 to Burski Excavating, Inc. for Ditch 16, RLWD Project No. 177. Motion carried.

The Board reviewed Pay Estimate No. 11 in the amount of \$1,068,134.22 to R.J. Zavoral & Sons, Inc. for construction of the Thief River Falls Westside Flood Damage Reduction Project, RLWD Project No. 178. Motion by Ose, seconded by Page, to approve Pay Estimate No. 11 in the amount of \$1,068,134.22 to R.J. Zavoral & Sons, Inc., for construction of the Thief River Falls Westside Flood Damage Reduction Project, RLWD Project No. 178. Motion carried. Motion by Sorenson, seconded by Torgerson, to approve amending Change Order No. 6, to R.J. Zavoral and Sons, Inc., reflecting a completion date of November 1, 2020 for installation of the 6th Street box culvert for the Thief River Falls Westside Flood Damage Reduction Project, RLWD Project No. 178. Motion carried. Dave Zavoral and Nick Carlien, R.J. Zavoral & Sons, Inc., reported that topsoil is being spread, touch up work was being done around culverts, gravel is being placed on roads, and 80% of the outlet has been seeded. Mark Borseth and Wayne Johnson, City of Thief River Falls, stated that they were pleased with the construction progress over the last several weeks. Discussion was held on the ditch along Highway 32 on the Timm property line; with a 10:1 slope and concern of the narrowness of the area and location of the pipes. President Nelson stated that rock will need to be removed on the temporary right-of-way areas.

Motion by Ose, seconded by Tiedemann, to authorize President Nelson, the authority to sign the RRWMB Water Quality Program Grant Agreement for the Thief River Falls Oxbow Project, RLWD Project No. 46Q. Motion carried.

Administrator Jesme reported that the NRCS approved the replacement of the BR-6 (Burnham Creek) Outlet Structure, RLWD Project No. 43A. Construction inspection will be performed by Loren Sanderson.

Administrator Jesme informed the Board, that the redetermination of benefits hearing for Judicial Ditch 72, RLWD Project No. 41 will be delayed until this winter to allow Polk County time to

complete the Property Owner's Report which was not completed and mailed prior to the holding of the proposed hearing.

Discussion was held on the need to appoint Board members to the Clearwater River 1W1P, RLWD Project No. 149B Policy and Advisory Committee. Motion by Ose, seconded by Tiedemann, to appoint Manager Torgerson as the Delegate and Manager Sorenson as the Alternate to the Clearwater River 1W1P, RLWD Project No. 149B Policy Committee. Motion by Torgerson, seconded by Sorenson, to appoint Manager Page to the Clearwater River 1W1P, RLWD Project No. 149B Advisory Committee.

Motion by Ose, seconded by Page, to amend RLWD Permit No. 20-225, Edgar Miller, Reiner Township, Pennington County, with conditions stated on the permit. Motion carried.

The Board reviewed the permits for approval. Motion by Torgerson, seconded by Tiedemann, to approve the following permits with conditions stated on the permit: 20-214, Paul Hansen, Huntsville Township, Polk County; No. 20-231, Red Lake County Highway Department, Emardville Township, Red Lake County; No. 20-232, Jessica Hanson, Emardville Township, Red Lake County; No. 20-233, Monte Casavan, Black River Township, Pennington County; No. 20-234, Duane Knott, Lake Pleasant Township, Red Lake County; No. 20-235, Peggy Clow, North Township, Pennington County; No. 20-237, Darin Glass, Grove Park Township, Polk County; No. 20-240, Pennington County Highway Department, Star Township, Pennington County; No. 20-241, Pennington County Highway Department, Star Township, Pennington County; No. 20-242, Duane Anderson, Grand Forks Township, Polk County; No. 20-243, Grand Plain Township, Marshall County; No. 20-244, Pennington County Highway Department, Deer Park Township, Pennington County; No. 20-245 and 20-246, Pennington County Highway Department, Deer Park Township; Pennington County; No. 20-247, Keystone Township, Polk County; No. 20-248, Greg Hilgeman, Deer Park Township, Pennington County; No. 20-249, Red Lake County Highway Department, Lambert Township, Red Lake County; No. 20-250, Jeremiah Johnson, Equality Township, Red Lake County; and No. 20-253, Dennis Kainz, Cloverleaf Township, Pennington County. Motion carried.

Administrator Jesme indicated that the November 26, 2020, Board meeting date falls on Thanksgiving Day. Motion by Ose, seconded by Page, to change the November 26, 2020 Board meeting date to November 24, 2020 at 9:00 a.m. at the District office. Motion carried.

Motion by Sorenson, seconded by Tiedemann, to accept, with regrets, the letter of resignation from staff member Dave Marshall.

Administrators Update:

- Jesme and Manager Ose will attend/participate in the RRWMB October 20, 2020 Board meeting.
- There will be a Red Lake River 1W1P PWG meeting on October 13 to prepare for the October 21st PC meeting.
- Jesme will participate in a telephone conference regarding some new BWSR rules being developed to oversee the reporting of Ten-Year Overall Plans.

- The District was informed that the USACOE increased outflow on the Red Lake Dam from 650 cfs to 800 cfs.
- The District received payment from the City of Crookston for the wetland banking withdrawal and fees for the Gentilly Bridge River access to the Red Lake River.

Legal Counsel Sparby reported that he has not yet received a decision from the court on the JD 5/Four-Legged Lake appeal.

Legal Counsel Sparby will work with John Kolb, and the Polk County Auditor and Attorney on the filing of a Notice to Dismiss the appeal for the construction of Ditch 17, RLWD Project No. 179.

Manager Torgerson discussed his winter travels plans, stating that he wishes to participate virtually in any District meeting's that he will not be present.

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

LeRoy Ose, Secretary

RED LAKE WATERSHED DISTRICT
Financial Report for October 21, 2020

Ck#	Check Issued to:	Description	Amount
online	EFTPS	Withholding for FICA, Medicare, and Federal taxes	4,366.63
online	MN Department of Revenue	Withholding taxes	779.07
online	Public Employees Retirement Assn.	PERA	2,539.33
online	EFTPS	Withholding for FICA, Medicare, and Federal taxes	260.40
38468	Burski Excavating, Inc.	Pay estimate #9, RLWD Ditch 16	78,536.01
38469	Matrix Trust Company	Deferred Compensation-replaces check #38462	618.74
38470	RJ Zavoral & Sons, Inc.	Pay estimate #10, TRF Westside FDR	1,068,134.22
38471	Aramark	Office rug rental	45.39
38472	Cenex Credit Card	Gas for vehicles	259.60
38473	Clearwater SWCD	Streambank Erosion funds-approved per Board 9/26/19	3,825.00
38474	Corporate Technologies LLC	3 year maintenance with Cisco Meraki software	2,127.42
38475	Les Cota	Mow Proj. 171 area	516.00
38476	Delta Dental	Dental insurance premium	437.45
38477	Farmers Union Oil Company	Gas for vehicles	666.00
38478	Fastenal Company	Bolts, etc. for culvert markers	22.58
38479	Further	FSA account fees	11.80
38480	HDR, Inc.	* See below for explanation of engineering fees	57,107.82
38481	Higher Ground	Replace culvert-Proj. 169	535.06
38482	Houston Engineering, Inc.	** See below for explanation	15,438.50
38483	Hugo's #7	Meeting and water quality supplies	93.27
38484	Midwest Amphibious Equipment, LLC	Agassiz NWR JD 11 cleanout, reimbursable thru CPL grant	47,750.00
38485	Dale M. Nelson	Mileage	48.88
38486	Rusty Nelson	Remove beaver in Proj. 48	75.00
38487	Northdale Oil, Inc.	Car washes	49.90
38488	Northwest Beverage, Inc.	H2O for office	23.50
38489	Northwestern Mutual Financial	Deferred Compensation	688.00
38490	Pribula Engineering, PLLC	***See below for explanation	28,800.00
38491	Quality Spray Foam/Anderson Exc.	Remove beaver dams (\$640) & Brandt Imp. Modifications (\$31,526.33)	32,166.33
38492	Rinke Noonan	Legal Services for Ditch 17 appeal	2,931.00
38493	RMB Environmental Laboratories, Inc	Lab analysis of water quality samples	2,504.00
38494	Sun Life Financial	Life insurance premium	125.36
38495	Voided		-
38496	West Polk SWCD	Erosion Cost share-Russia 13-per Board approval 5/23/19	11,586.22
38497	Wright Construction Co., Inc.	Final payment for the RL1W1P Russia 13 Project	6,273.68
38462	Voided Check-TD Ameritrade Trust C	Voided	(618.74)
online	Aflac	Staff paid insurances	593.76
online	Cardmember Services	****See below for explanation	985.56
direct	Al Page	Mileage	59.80
direct	Les Torgerson	Mileage and per diem meals	362.00
	Payroll		
	Check #12068-12081		15,285.53
	Total Checks		\$ 1,386,010.07

Bills to be approved:

Pennington SWCD	RL1W1P invoices approved by Policy Committee 10/21/20	\$ 9,328.84
Red Lake SWCD	RL1W1P invoices approved by Policy Committee 10/21/20	\$ 2,137.38
West Polk SWCD	RL1W1P invoices approved by Policy Committee 10/21/20	\$ 12,410.08
		\$ 23,876.30

* HDR, Inc.	
Proj. 60D Brandt Impoundment	436.00
Proj. 43A Burnham Creek Habitat	1,098.38
Proj. 26 Pine Lake	21,392.94
Proj. 178 TRF Westside FDR	<u>34,180.50</u>
Total	57,107.82

**Houston Engineering, Inc.	
Proj. 13 Moose River Imp.inspection	436.00
Proj. 25 Black River Impoundment	14,711.50
Proj. 161 Ditch 10 Outlet Structure	<u>519.00</u>
Total	15,666.50

***Pribula Engineering, PLLC	
Proj. 177 Ditch 16 construction	17,400.00
Proj. 149 RL1W1P	<u>11,400.00</u>
Total	28,800.00

**** Cardmember Services	
AT&T-cell phone exp. & phone pymts	447.11
Water Resource Conf.reg.-Corey	85.00
Movavi-Video editing software	61.89
Tiger Supplies-Engineering equipmen	56.94
AED Superstore-Batteries for AED	169.00
Home Depot-Adjustable desk	<u>165.62</u>
Total	985.56

Banking

Northern State Bank	
Balance as of October 7, 2020	\$ 522,932.61
Total Checks Written	(1,386,010.07)
Receipt #989838 Transfer in from American Federal Bank	500,000.00
Receipt #989839 Transfer in from American Federal Bank	250,000.00
Receipt #989840 State of Minnesota-Pay req. #6 less retainage of \$50,000-TRF Westside FDR Pjt.	456,988.77
Receipt #989841 Transfer in from American Federal	<u>500,000.00</u>
Balance as of October 21, 2020	<u><u>\$ 843,911.31</u></u>

Current interest rate is .20%

American Federal Bank-Fosston	
Balance as of October 7, 2020	\$ 2,822,384.56
Receipt #989838 Transfer to Northern State Bank	(500,000.00)
Receipt #989839 Transfer to Northern State Bank	(250,000.00)
Receipt #989841 Transfer to Northern State Bank	<u>(500,000.00)</u>
Balance as of October 21, 2020	<u><u>\$ 1,572,384.56</u></u>

Current interest rate is .65%

Red Lake Watershed District
as of October 21, 2020

<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)	\$ 843,911.31	0.20%		\$ 843,911.31
10030 American Federal Bank Fosston	\$ 1,572,384.56	0.65%		\$ 1,572,384.56
10740 Unity Bank-Red Lake Falls Interest paid quarterly	<u>\$ 200,000.00</u>	0.84%	7/31/2021	<u>\$ 201,680.00</u>
	<u>\$ 2,616,295.87</u>			<u>\$ 2,617,975.87</u>

RED LAKE WATERSHED DISTRICT
Application for Payment
Estimate of Work Completed

ESTIMATE NUMBER: 10
 PROJECT NAME: RLWD Ditch 16
 OWNER: Red Lake Watershed District
 CONTRACT AMOUNT: \$1,572,196.70
 CONTRACTOR: Burski Excavating, Inc.

DATE: 10/22/2020
 PROJECT NUMBER: 177
 CONTRACT DATE: 6/7/2019
 WORK COMPLETED: 10/19/2020

ITEM NO.	DESCRIPTION	UNIT	CONTRACT QUANTITY	UNIT PRICE	QUANTITY COMPLETED				TOTAL AMOUNT	
					PREVIOUS	CURRENT	TOTAL	%		
1	Traffic Control	LS	1	\$31,138.64	0.75	0.00	0.75	75.00%	\$23,353.98	
2	Anchored Silt Fence (Type PA - Preassembled)	LF	1,000	\$2.97	0	0	0	0.00%	\$0.00	
3	Anchored 12" Bio-Roll Ditch Block (Type 3)	LF	1,040	\$3.51	0	0	0	0.00%	\$0.00	
4	Grass Seed Mixture	LBS	8,600	\$3.15	2000	5,900	7900	91.86%	\$24,885.00	
5	Grass Seeding (MnDOT 2575.3)	AC	86	\$375.18	20	59	79	91.86%	\$29,639.22	
6	Anchored Wheat Straw Mulch	TON	172	\$178.40	20	118	138	80.23%	\$24,619.20	
7	Riprap, Class 3 (18" & Under) w/type 4 Geotextile	CU.YD.	1,600	\$67.03	1028	100	1128	70.50%	\$75,609.84	
8	Excavation (topsoil conservation-replacement, SWPPP Prep., Erosion Control, Minor Lateral Hauling and Clearing and Grubbing of Trees in Permanent ROW are incidental)	CU.YD.	366,920	\$1.75	341,898	6,284	348,182	94.89%	\$609,318.50	
9	Remove Bituminous Pavement	SQ.YD.	316	\$17.30	730	0	730	231.01%	\$12,629.00	
10	Bituminous Pavement (Type SP 12.5 Wearing Course Mix)	TON	270	\$108.12	272	0	272	100.74%	\$29,408.64	
11	Geogrid-Tensar TX 140 (Install Under Aggregate Base)	SQ.YD.	864	\$3.78	989	0	989	112.15%	\$3,662.82	
12	Aggregate Roadway Surfacing (Loose Volume), CL 1	CU.YD.	450	\$34.60	65	0	65	14.44%	\$2,249.00	
13	Salvage & Reinstall Granual & Aggregate Material (CV)	CU.YD.	680	\$27.03	0	0	0	0.00%	\$0.00	
14	Granular Backfill (Compacted Volume)	CU.YD.	200	\$38.92	922	0	922	461.00%	\$35,884.24	
15	Aggregate Road Base and Shoulder Base (CL 5 MOD)(CV)	CU.YD.	288	\$32.44	277	0	277	96.18%	\$8,985.88	
16	18" Corrugated Steel Pipe (CSP) Culvert (16 Gauge)	LF	2,050	\$25.41	2152	240	2392	116.68%	\$60,780.72	
17	80' - 24" SCH 20 Steel Pipe - Directional Bore/Open Cut	EACH	2	\$23,786.46	0	2	2	100.00%	\$47,572.92	
18	24" Corrugated Steel Pipe (CSP) Culvert (16 Gauge)	LF	2,680	\$34.60	1956	312	2268	84.63%	\$78,472.80	
19	36" Corrugated Steel Pipe (CSP) Culvert (14 Gauge)	LF	190	\$60.55	0	0	0	0.00%	\$0.00	
20	49"x33" CSAP Culvert (12 Gauge) w/3:1 Step Ends	LF	70	\$92.98	0	0	0	0.00%	\$0.00	
21	53"x41" CSAP Culvert (12 Gauge) w/3:1 Step Ends	LF	320	\$108.12	0	0	0	0.00%	\$0.00	
22	60"x46" CSAP Culvert (12 Gauge) w/3:1 Step Ends	LF	160	\$123.26	0	160	160	100.00%	\$19,721.60	
23	81"x59" CSAP Culvert (12 Gauge) w/3:1 Step Ends	LF	385	\$161.10	644	0	644	167.27%	\$103,748.40	
24	78" CSP Culvert (12 gauge) w/3:1 step ends	LF	180	\$170.83	180	0	180	100.00%	\$30,749.40	
25	18" CSP Standard Flared End Section	EACH	44	\$108.12	48	8	56	127.27%	\$6,054.72	
26	24" CSP Standard Flared End Section	EACH	42	\$151.37	32	10	42	100.00%	\$6,357.54	
27	36" CSP Standard Flared End Section	EACH	6	\$410.86	0	0	0	0.00%	\$0.00	
28	18" Exterior Flap-Gate	EACH	44	\$491.95	48	8	56	127.27%	\$27,549.20	
29	24" Exterior Flap-Gate	EACH	42	\$589.26	32	6	38	90.48%	\$22,391.88	
30	36" Exterior Flap-Gate	EACH	2	\$1,027.14	0	0	0	0.00%	\$0.00	
31	12'x6' Reinforced Conc. Box Culvert (CL 2)	LF	96	\$1,243.38	92	0	92	95.83%	\$114,390.96	
32	12'x 6' RC Box Cul. End Sec, (CL 2 w/15 Deg. Skewed End)	EACH	2	\$33,301.04	2	0	2	100.00%	\$66,602.08	
					Subtotal				\$1,464,637.54	
Additional Material					0	\$0.00	0	0	0	\$0.00
					Subtotal				\$0.00	
Change Order										
1	Replace 2-15 degree skewed, Type 2, End Sections for the 12'x6'RC Box Culvert	EACH	2	-\$1,974.48	0	2	2	100%	-\$3,948.96	
					Subtotal				-\$3,948.96	
					TOTALS				\$1,460,688.58	

SUMMARY:	
Total of Work to Date	\$1,460,688.58
Less 10% Retainage	\$146,068.86
Amount Paid on Previous Payments	\$1,158,460.94
Amount Due this Estimate	\$156,158.78
Percentage of work completed	93%
Original Contract Amount Due	\$1,572,196.70
Additional Material	\$0.00
Change Orders	(\$3,948.96)
Total Estimated Contract Costs	\$1,568,247.74

RECAP OF PREVIOUS PAYMENTS:		
ESTIMATE NO	DATE	PAYMENT AMOUNT
1	1/31/2020	\$78,333.13
2	6/11/2020	\$86,924.58
3	6/23/2020	\$165,917.62
4	7/21/2020	\$147,714.48
5	8/13/2020	\$169,232.06
6	8/25/2020	\$134,980.18
7	9/10/2020	\$106,727.23
8	9/24/2020	\$190,095.65
9	10/7/2020	\$78,536.01
FINAL PAYMENT		
TOTAL		\$1,158,460.94

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

Date: 10-20-20 Signature: Nick Burski

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

Date: 10-19-20 Signature: Nick Pribula

Approved by Administrator: Myron Jesme, Red Lake Watershed District

Date: _____ Signature: _____



Contractor's Application and Certificate for Payment Summary

To (Owner): Red Lake Watershed District	From (Contractor): R.J. Zavoral & Sons, Inc.	Via (Engineer): Nathan P. Dalager
Owner's Project No.: 178	Contractor's Project No.:	Engineer's Project No.: 10134290
For (Contract): Thief River Falls Westside Flood Damage Reduction Project	Application No.: 12	Application Period: 10/1/2020 - 10/15/2020

**Application for Payment
Change Order Summary**

Change Orders Approved by Owner:			
Number	Date Approved	Additions	Deductions
1	5/5/2020	\$ 173,944.09	\$ -
2	5/14/2020	\$ -	\$ 27,577.00
3	5/28/2020	\$ 12,204.00	\$ -
4	6/8/2020	\$ 15,594.00	\$ -
5		\$ -	\$ -
6		\$ -	\$ -
7		\$ -	\$ -
TOTALS		\$ 201,742.09	\$ 27,577.00
NET CHANGE BY CHANGE ORDERS		\$ 174,165.09	

1. ORIGINAL CONTRACT PRICE	\$ 6,632,761.68
2. NET CHANGE BY CHANGE ORDERS	\$ 174,165.09
3. CONTRACT SUM TO DATE (Line 1 ± 2)	\$ 6,806,926.77
4. TOTAL COMPLETED AND STORED TO DATE (Column F on Progress Estimate)	\$ 6,444,036.23
5. RETAINAGE: 5% of Completed Work and Stored Material	\$ 322,201.81
6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5)	\$ 6,121,834.42
7. LESS PREVIOUS PAYMENTS	\$ 5,562,310.71
8. AMOUNT DUE THIS APPLICATION	\$ 505,748.58
9. BALANCE TO FINISH	\$ 362,890.54
10. PERCENT COMPLETE	94.67%

Contractor's Certification

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief, the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

Contractor:

By:	Date:
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Payment of:
\$ 505,748.58 is recommended.
HDR Engineering, Inc.

By: *Nathan P. Dalager* Date: 10/21/2020

Red Lake Watershed District

By: _____ Date: _____



Contractor's Application and Certificate for Payment Summary

To (Owner): Red Lake Watershed District	From (Contractor): R.J. Zavoral & Sons, Inc.	Via (Engineer): Nathan P. Dalager
Owner's Project No.: 178	Contractor's Project No.:	Engineer's Project No.: 10134290
For (Contract): Thief River Falls Westside Flood Damage Reduction Project	Application No.: 12	Application Period: 10/1/2020 - 10/15/2020

Summary of Previous Payments

Application No.	Application Period	Payment Amount
1	4/20/2020 - 5/7/2020	\$ 191,120.05
2	5/7/2020 - 5/21/2020	\$ 199,068.23
3	5/21/2020-6/4/2020	\$ 356,473.89
4	6/4/2020-6/18/2020	\$ 450,116.08
5	6/18/2020-7/2/2020	\$ 396,399.85
6	7/2/2020-7/16/2020	\$ 835,837.55
7	7/16/2020-8/6/2020	\$ 1,145,236.50
8	8/6/2020-8/20/2020	\$ 335,826.90

Application No.	Application Period	Payment Amount
9	8/20/2020-9/3/2020	\$ 328,127.82
10	9/3/2020-9/17/2020	\$ 255,969.62
11	9/17/2020-10/1/2020	\$ 1,068,134.22



Contractor's Application and Certificate for Payment

For (contract):		Thief River Falls Westside Flood Damage Reduction Project					Contractor:		R.J. Zavoral & Sons, Inc.					
Application No.:		12					Application Period:		10/1/2020 - 10/15/2020					
A			B			C		D	E	F	G	H	I	J
Item			Work Completed					Materials Presently Stored (not in C or D)	Total Completed and Stored To Date (C+D+E)	Percent Complete To Date (%)	Total Cost This Period	Total Cost Complete to Date	Balance to Finish (A - F)	
Item No.	Description	Unit	Contract Quantity	Contract Unit Price	Scheduled Value	From Previous Applications	This Period							
2021.501	MOBILIZATION	LUMP SUM	1	\$259,500.00	\$259,500.00	1.00	0.00	0.0	1	100.00%	\$0.00	\$259,500.00	0.00	
2101.501	CLEARING AND GRUBBING	LUMP SUM	1	\$27,725.00	\$27,725.00	1.0	0.0	0.0	1	100.00%	\$0.00	\$27,725.00	0.0	
2104.503	REMOVE 24" CS PIPE CULVERT	LIN FT	68	\$10.00	\$680.00	61.0	0.0	0.0	61	89.71%	\$0.00	\$610.00	7.0	
2104.503	REMOVE 115" x 72" RC ARCH PIPE	LIN FT	92	\$19.00	\$1,748.00	92.0	0.0	0.0	92	100.00%	\$0.00	\$1,748.00	0.0	
2104.503	REMOVE 138" x 88" RC ARCH PIPE	LIN FT	74	\$20.00	\$1,480.00	74.0	0.0	0.0	74	100.00%	\$0.00	\$1,480.00	0.0	
2104.503	REMOVE 154" x 97" RC ARCH PIPE	LIN FT	80	\$23.00	\$1,840.00	80.0	0.0	0.0	80	100.00%	\$0.00	\$1,840.00	0.0	
2104.503	SALVAGE 60" RC ARCH PIPE	LIN FT	150	\$24.50	\$3,675.00	150.0	0.0	0.0	150	100.00%	\$0.00	\$3,675.00	0.0	
2104.502	SALVAGE SIGN TYPE A	EACH	14	\$200.00	\$2,800.00	6.0	6.0	0.0	12	85.71%	\$1,200.00	\$2,400.00	2.0	
2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	832	\$2.50	\$2,080.00	248.0	0.0	0.0	248	29.81%	\$0.00	\$620.00	584.0	
2104.504	REMOVE BITUMINOUS PAVEMENT	SQ YD	2946	\$8.65	\$25,482.90	4262.0	0.0	0.0	4262	144.67%	\$0.00	\$36,866.30	-1316.0	
2105.607	SPOIL HAULING (P)	CU YD	35480	\$7.95	\$282,066.00	28,995.0	6,338.0	0.0	35,333.00	99.59%	\$50,387.10	\$280,897.35	147.0	
2105.504	GEOTEXTILE FABRIC TYPE 5	SQ YD	9876	\$1.55	\$15,307.80	9876.0	0.0	0.0	9876	100.00%	\$0.00	\$15,307.80	0.0	
2105.507	COMMON EXCAVATION (P)	CU YD	595137	\$2.68	\$1,594,967.16	590,137.0	0.0	0.0	590,137.00	99.16%	\$0.00	\$1,581,567.16	5000.0	
2105.507	COMMON BORROW (CV)	CU YD	10035	\$6.80	\$68,238.00	6657.0	3,378.0	0.0	10035	100.00%	\$22,970.40	\$68,238.00	0.0	
2118.509	AGGREGATE SURFACING, CLASS 1	TON	90	\$17.80	\$1,602.00	0.0	0.0	0.0	0	0.00%	\$0.00	\$0.00	90.0	
2118.509	AGGREGATE SURFACING, CLASS 5	TON	2151	\$11.00	\$23,661.00	225.0	0.0	0.0	225	10.46%	\$0.00	\$2,475.00	1926.0	
2211.509	AGGREGATE BASE, CLASS 3	TON	929	\$10.00	\$9,290.00	420.0	300.0	0.0	720	77.50%	\$3,000.00	\$7,200.00	209.0	
2211.509	AGGREGATE BASE, CLASS 5	TON	1137	\$11.00	\$12,507.00	873.0	100.0	0.0	973	85.58%	\$1,100.00	\$10,703.00	164.0	
2360.509	TYPE SP 9.5 WEARING COURSE MIXTURE (2,B)	TON	367	\$90.00	\$33,030.00	0.0	367.0	0.0	367	100.00%	\$33,030.00	\$33,030.00	0.0	
2360.509	TYPE SP 9.5 WEARING COURSE MIXTURE (3,B)	TON	175	\$90.00	\$15,750.00	80.0	0.0	0.0	80	45.71%	\$0.00	\$7,200.00	95.0	
2360.509	TYPE SP 12.5 WEARING COURSE MIXTURE (3,C)	TON	409	\$100.00	\$40,900.00	366.0	43.0	0.0	409	100.00%	\$4,300.00	\$40,900.00	0.0	
2411.507	STRUCTURAL CONCRETE (3G52) (P)	CU YD	21	\$2,000.00	\$42,000.00	22.0	8.8	0.0	30.75	146.43%	\$17,500.00	\$61,500.00	-9.8	
2411.508	REINFORCEMENT BARS (EPOXY COATED) (P)	POUND	10270	\$2.15	\$22,080.50	9243.0	1,027.0	0.0	10270	100.00%	\$2,208.05	\$22,080.50	0.0	
2412.502	10X8 PRECAST CONCRETE BOX CULVERT END SECTION	EACH	2	\$16,255.00	\$32,510.00	2.0	0.0	0.0	2	100.00%	\$0.00	\$32,510.00	0.0	
2412.502	12X8 PRECAST CONCRETE BOX CULVERT END SECTION	EACH	2	\$17,600.00	\$35,200.00	2.0	0.0	0.0	2	100.00%	\$0.00	\$35,200.00	0.0	
2412.502	12X10 PRECAST CONCRETE BOX CULVERT END SECTION	EACH	1	\$27,365.00	\$27,365.00	1.0	0.0	0.0	1	100.00%	\$0.00	\$27,365.00	0.0	
2412.503	10X8 PRECAST CONCRETE BOX CULVERT	LIN FT	84	\$1,075.00	\$90,300.00	84.0	0.0	0.0	84	100.00%	\$0.00	\$90,300.00	0.0	
2412.503	12X8 PRECAST CONCRETE BOX CULVERT	LIN FT	102	\$1,125.00	\$114,750.00	102.0	0.0	0.0	102	100.00%	\$0.00	\$114,750.00	0.0	
2412.503	12X10 PRECAST CONCRETE BOX CULVERT	LIN FT	120	\$1,335.00	\$160,200.00	120.0	0.0	0.0	120	100.00%	\$0.00	\$160,200.00	0.0	
2442.501	REMOVE EXISTING BRIDGE	LUMP SUM	2	\$5,700.00	\$11,400.00	2.0	0.0	0.0	2	100.00%	\$0.00	\$11,400.00	0.0	
2451.507	GRANULAR BEDDING (CV)	CU YD	5084	\$11.15	\$56,686.60	4369.0	0.0	0.0	4369	85.94%	\$0.00	\$48,714.35	715.0	
2461	FLOWABLE FILL CONCRETE	CU YD	211	\$140.00	\$29,540.00	0.0	220.0	0.0	220	104.27%	\$30,800.00	\$30,800.00	-9.0	
2501.502	24" CAS PIPE APRON	EACH	3	\$375.00	\$1,125.00	2.0	0.0	0.0	2	66.67%	\$0.00	\$750.00	1.0	
2501.502	30" CAS PIPE APRON	EACH	2	\$598.00	\$1,196.00	0.0	0.0	0.0	0	0.00%	\$0.00	\$0.00	2.0	
2501.502	36" CAS PIPE APRON	EACH	4	\$930.00	\$3,720.00	4.0	0.0	0.0	4	100.00%	\$0.00	\$3,720.00	0.0	
2501.502	18" CS PIPE APRON	EACH	18	\$170.00	\$3,060.00	14.0	3.0	0.0	17	94.44%	\$510.00	\$2,890.00	1.0	
2501.502	24" CS PIPE APRON	EACH	6	\$230.00	\$1,380.00	1.0	4.0	0.0	5	83.33%	\$920.00	\$1,150.00	1.0	



Contractor's Application and Certificate for Payment

For (contract):		Thief River Falls Westside Flood Damage Reduction Project					Contractor:		R.J. Zavoral & Sons, Inc.					
Application No.:		12					Application Period:		10/1/2020 - 10/15/2020					
A			B			C		D	E	F	G	H	I	J
Item			Work Completed		Materials Presently Stored (not in C or D)	Total Completed and Stored To Date (C+D+E)	Percent Complete To Date (%)	Total Cost This Period	Total Cost Complete to Date	Balance to Finish (A - F)				
Item No.	Description	Unit	Contract Quantity	Contract Unit Price	Scheduled Value	From Previous Applications	This Period							
2501.502	36" CS PIPE APRON	EACH	1	\$525.00	\$525.00	0.0	1.0	0.0	1	100.00%	\$525.00	\$525.00	0.0	
2501.502	48" CS PIPE APRON	EACH	8	\$1,100.00	\$8,800.00	8.0	0.0	0.0	8	100.00%	\$0.00	\$8,800.00	0.0	
2501.502	FLAP GATE FOR 18"CS PIPE	EACH	16	\$685.00	\$10,960.00	14.0	0.0	0.0	14	87.50%	\$0.00	\$9,590.00	2.0	
2501.502	FLAP GATE FOR 24"CS PIPE	EACH	3	\$760.00	\$2,280.00	1.0	0.0	0.0	1	33.33%	\$0.00	\$760.00	2.0	
2501.503	24" CAS PIPE CULVERT	LIN FT	222	\$40.00	\$8,880.00	136.0	0.0	0.0	136	61.26%	\$0.00	\$5,440.00	86.0	
2501.503	30" CAS PIPE CULVERT	LIN FT	68	\$55.00	\$3,740.00	0.0	0.0	0.0	0	0.00%	\$0.00	\$0.00	68.0	
2501.503	36" CAS PIPE CULVERT	LIN FT	143	\$65.00	\$9,295.00	73.0	70.0	0.0	143	100.00%	\$4,550.00	\$9,295.00	0.0	
2501.503	15" CS PIPE CULVERT	LIN FT	20	\$32.00	\$640.00	8.0	12.0	0.0	20	100.00%	\$384.00	\$640.00	0.0	
2501.503	18" CS PIPE CULVERT	LIN FT	1054	\$33.00	\$34,782.00	964.0	0.0	0.0	964	91.46%	\$0.00	\$31,812.00	90.0	
2501.503	24" CS PIPE CULVERT	LIN FT	262	\$40.00	\$10,480.00	112.0	106.0	0.0	218	83.21%	\$4,240.00	\$8,720.00	44.0	
2501.503	48" CS PIPE CULVERT	LIN FT	271	\$105.00	\$28,455.00	251.0	20.0	0.0	271	100.00%	\$2,100.00	\$28,455.00	0.0	
2501.503	84" CS PIPE CULVERT (BEVEL CUT ENDS)	LIN FT	636	\$187.00	\$118,932.00	636.0	0.0	0.0	636	100.00%	\$0.00	\$118,932.00	0.0	
2501.503	102" SPAN CS PIPE ARCH CULVERT (BEVEL CUT ENDS)	LIN FT	67	\$220.00	\$14,740.00	0.0	67.0	0.0	67	100.00%	\$14,740.00	\$14,740.00	0.0	
2501.503	30" STEEL CASING PIPE - JACK INSTALLED	LIN FT	169	\$678.00	\$114,582.00	169.0	0.0	0.0	169	100.00%	\$0.00	\$114,582.00	0.0	
2501.503	30" STEEL CASING PIPE	LIN FT	106	\$772.00	\$81,832.00	106.0	0.0	0.0	106	100.00%	\$0.00	\$81,832.00	0.0	
2501.503	36" STEEL CASING PIPE	LIN FT	59	\$177.00	\$10,443.00	59.0	0.0	0.0	59	100.00%	\$0.00	\$10,443.00	0.0	
2501.503	54" STEEL CASING PIPE - JACK INSTALLED	LIN FT	168	\$1,500.00	\$252,000.00	168.0	0.0	0.0	168	100.00%	\$0.00	\$252,000.00	0.0	
2501.515	18" RC PIPE APRON	EACH	3	\$540.00	\$1,620.00	1.0	1.0	0.0	2	66.67%	\$540.00	\$1,080.00	1.0	
2501.515	24" RC PIPE APRON	EACH	8	\$630.00	\$5,040.00	2.0	5.0	0.0	7	87.50%	\$3,150.00	\$4,410.00	1.0	
2501.515	36" RC PIPE APRON	EACH	3	\$1,160.00	\$3,480.00	1.0	2.0	0.0	3	100.00%	\$2,320.00	\$3,480.00	0.0	
2503.503	36" CS PIPE SEWER	LIN FT	738	\$67.00	\$49,446.00	403.0	335.0	0.0	738	100.00%	\$22,445.00	\$49,446.00	0.0	
2503.503	12" RC PIPE SEWER DESIGN 3006, CLASS III	LIN FT	23	\$50.00	\$1,150.00	0.0	23.0	0.0	23	100.00%	\$1,150.00	\$1,150.00	0.0	
2503.503	15" RC PIPE SEWER DESIGN 3006, CLASS III	LIN FT	19	\$55.00	\$1,045.00	0.0	19.0	0.0	19	100.00%	\$1,045.00	\$1,045.00	0.0	
2503.503	18" RC PIPE SEWER DESIGN 3006, CLASS III	LIN FT	164	\$58.00	\$9,512.00	84.0	72.0	0.0	156	95.12%	\$4,176.00	\$9,048.00	8.0	
2503.503	24" RC PIPE SEWER DESIGN 3006, CLASS III	LIN FT	1020	\$56.00	\$57,120.00	824.0	188.0	0.0	1012	99.22%	\$10,528.00	\$56,672.00	8.0	
2503.503	36" RC PIPE SEWER DESIGN 3006, CLASS III	LIN FT	823	\$106.00	\$87,238.00	788.0	35.0	0.0	823	100.00%	\$3,710.00	\$87,238.00	0.0	
2503.503	48" RC PIPE SEWER DESIGN 3006, CLASS III	LIN FT	2036	\$167.00	\$340,012.00	2000.0	36.0	0.0	2036	100.00%	\$6,012.00	\$340,012.00	0.0	
2503.503	54" RC PIPE SEWER DESIGN 3006, CLASS III	LIN FT	2284	\$212.00	\$484,208.00	1512.0	772.0	0.0	2284	100.00%	\$163,664.00	\$484,208.00	0.0	
2503.503	54" RC PIPE SEWER DESIGN 3006, CLASS IV	LIN FT	108	\$238.00	\$25,704.00	108.0	0.0	0.0	108	100.00%	\$0.00	\$25,704.00	0.0	
2503.503	60" RC PIPE CULVERT DESIGN 3006, CLASS III	LIN FT	16	\$248.00	\$3,968.00	0.0	16.0	0.0	16	100.00%	\$3,968.00	\$3,968.00	0.0	
2503.602	CONNECT TO EXISTING FORCE MAIN	EACH	2	\$1,800.00	\$3,600.00	2.0	0.0	0.0	2	100.00%	\$0.00	\$3,600.00	0.0	
2506.502	CONSTRUCT DRAINAGE STRUCTURE 36" CS PIPE RISER	EACH	2	\$1,100.00	\$2,200.00	0.0	2.0	0.0	2	100.00%	\$2,200.00	\$2,200.00	0.0	
2506.502	CONSTRUCT 4X4 DRAINAGE STRUCTURE, PRECAST	EACH	3	\$7,475.00	\$22,425.00	3.0	0.0	0.0	3	100.00%	\$0.00	\$22,425.00	0.0	
2506.502	CONSTRUCT 6X6 DRAINAGE STRUCTURE, PRECAST	EACH	10	\$11,085.00	\$110,850.00	10.0	0.0	0.0	10	100.00%	\$0.00	\$110,850.00	0.0	
2506.502	CONSTRUCT 8X6 DRAINAGE STRUCTURE, PRECAST	EACH	10	\$14,815.00	\$148,150.00	7.0	3.0	0.0	10	100.00%	\$44,445.00	\$148,150.00	0.0	
2506.502	CONSTRUCT 8X8 DRAINAGE STRUCTURE, PRECAST	EACH	2	\$14,400.00	\$28,800.00	0.0	2.0	0.0	2	100.00%	\$28,800.00	\$28,800.00	0.0	
2506.502	CONSTRUCT 10X6 DRAINAGE STRUCTURE, PRECAST	EACH	1	\$15,915.00	\$15,915.00	1.0	0.0	0.0	1	100.00%	\$0.00	\$15,915.00	0.0	



Contractor's Application and Certificate for Payment

For (contract):		Thief River Falls Westside Flood Damage Reduction Project				Contractor:		R.J. Zavoral & Sons, Inc.						
Application No.:		12				Application Period:		10/1/2020 - 10/15/2020						
A			B			C		D	E	F	G	H	I	J
Item			Work Completed			Materials Presently Stored (not in C or D)	Total Completed and Stored To Date (C+D+E)	Percent Complete To Date (%)	Total Cost This Period	Total Cost Complete to Date	Balance to Finish (A - F)			
Item No.	Description	Unit	Contract Quantity	Contract Unit Price	Scheduled Value	From Previous Applications	This Period							
2506.502	CONSTRUCT 10X8 DRAINAGE STRUCTURE, PRECAST	EACH	1	\$34,850.00	\$34,850.00	1.0	0.0	0.0	1	100.00%	\$0.00	\$34,850.00	0.0	
2506.502	CASTING ASSEMBLY - BEEHIVE GRATE AND FRAME	EACH	3	\$1,250.00	\$3,750.00	0.0	0.0	0.0	0	0.00%	\$0.00	\$0.00	3.0	
2506.502	CASTING ASSEMBLY - COVER AND FRAME	EACH	3	\$780.00	\$2,340.00	0.0	0.0	0.0	0	0.00%	\$0.00	\$0.00	3.0	
2511.507	RANDOM RIPRAP - SPECIAL (CLASS 3)	CU YD	1044	\$105.00	\$109,620.00	871.0	0.0	0.0	871	83.43%	\$0.00	\$91,455.00	173.0	
2511.507	RANDOM RIPRAP - SPECIAL (CLASS 4)	CU YD	362	\$105.00	\$38,010.00	196.5	197.5	0.0	394	108.84%	\$20,737.50	\$41,370.00	-32.0	
2511.507	RANDOM RIPRAP - SPECIAL (D50 = 18")	CU YD	1450	\$105.00	\$152,250.00	1285.8	0.0	0.0	1285.8	88.68%	\$0.00	\$135,009.00	164.2	
2511.507	RANDOM RIPRAP (CLASS 2)	CU YD	225	\$85.00	\$19,125.00	120.0	0.0	0.0	120	53.33%	\$0.00	\$10,200.00	105.0	
2511.507	RANDOM RIPRAP (CLASS 3)	CU YD	2057	\$85.00	\$174,845.00	1581.0	0.0	0.0	1581	76.86%	\$0.00	\$134,385.00	476.0	
2511.507	RANDOM RIPRAP (CLASS 4)	CU YD	1063	\$85.00	\$90,355.00	1063.0	0.0	0.0	1063	100.00%	\$0.00	\$90,355.00	0.0	
2511.509	GRANULAR FILTER MATERIAL	TON	354	\$85.00	\$30,090.00	354.0	10.0	0.0	364	102.82%	\$850.00	\$30,940.00	-10.0	
2531.501	CONCRETE CURB & GUTTER DESIGN B618	LIN FT	110	\$54.00	\$5,940.00	0.0	0.0	0.0	0	0.00%	\$0.00	\$0.00	110.0	
2563.601	TRAFFIC CONTROL	LUMP SUM	1	\$25,000.00	\$25,000.00	0.95	0.00	0.0	0.95	95.00%	\$0.00	\$23,750.00	0.1	
2563.601	DETOUR SIGNING	LUMP SUM	1	\$13,550.00	\$13,550.00	1.0	0.0	0.0	1	100.00%	\$0.00	\$13,550.00	0.0	
2563.602	PORTABLE CHANGEABLE MESSAGE SIGN	EACH	6	\$2,600.00	\$15,600.00	6.0	0.0	0.0	6	100.00%	\$0.00	\$15,600.00	0.0	
2573.502	STORM DRAIN INLET PROTECTION	EACH	4	\$125.00	\$500.00	0.0	0.0	0.0	0	0.00%	\$0.00	\$0.00	4.0	
2573.503	SEDIMENT CONTROL LOG TYPE WOOD CHIP	LIN FT	782	\$5.50	\$4,301.00	0.0	0.0	0.0	0	0.00%	\$0.00	\$0.00	782.0	
2573.503	FLOTATION SILT CURTAIN TYPE MOVING WATER	LIN FT	160	\$17.00	\$2,720.00	100.0	0.0	0.0	100	62.50%	\$0.00	\$1,700.00	60.0	
2573.503	SEDIMENT CONTROL LOG TYPE STRAW	LIN FT	2546	\$3.00	\$7,638.00	337.0	0.0	0.0	337	13.24%	\$0.00	\$1,011.00	2209.0	
2574.505	SOIL BED PREPARATION	ACRE	10.8	\$200.00	\$2,160.00	0.0	0.0	0.0	0	0.00%	\$0.00	\$0.00	10.8	
2574.508	FERTILIZER, TYPE 1	POUND	18800	\$0.50	\$9,400.00	2800.0	0.0	0.0	2,800.00	14.89%	\$0.00	\$1,400.00	16000.0	
2574.508	FERTILIZER, TYPE 3	POUND	220	\$0.50	\$110.00	0.0	0.0	0.0	0	0.00%	\$0.00	\$0.00	220.0	
2575.504	TURF REINFORCEMENT MAT, CATEGORY 4	SQ YD	3200	\$16.00	\$51,200.00	3200.0	0.0	0.0	3200	100.00%	\$0.00	\$51,200.00	0.0	
2575.505	SEEDING	ACRE	75.1	\$300.00	\$22,530.00	14.0	0.0	0.0	14	18.64%	\$0.00	\$4,200.00	61.1	
2575.505	DISK ANCHORING	ACRE	75.1	\$20.00	\$1,502.00	14.0	0.0	0.0	14	18.64%	\$0.00	\$280.00	61.1	
2575.508	SEED MIXTURE, 25-131	POUND	2332	\$4.00	\$9,328.00	0.0	0.0	0.0	0	0.00%	\$0.00	\$0.00	2332.0	
2575.508	SEED MIXTURE, 25-141	POUND	4388	\$4.00	\$17,552.00	826.0	0.0	0.0	826	18.82%	\$0.00	\$3,304.00	3562.0	
2575.508	HYDRAULIC MULCH MATRIX	POUND	22260	\$0.85	\$18,921.00	0.0	0.0	0.0	0	0.00%	\$0.00	\$0.00	22260.0	
2575.509	MULCH MATERIAL TYPE 1	TON	150.2	\$80.00	\$12,016.00	28.0	0.0	0.0	28	18.64%	\$0.00	\$2,240.00	122.2	
2575.523	WATER	M GAL	223	\$50.00	\$11,150.00	0.0	0.0	0.0	0	0.00%	\$0.00	\$0.00	223.0	
2575.604	ROLLED EROSION CONTROL PREVENTION CATEGORY 25	SQ YD	5778	\$1.69	\$9,764.82	0.0	0.0	0.0	0	0.00%	\$0.00	\$0.00	5778.0	
2582.503	6" SOLID LINE MULTI COMP GR IN (WR)	LIN FT	1156	\$3.20	\$3,699.20	0.0	369.0	0.0	369	31.92%	\$1,180.80	\$1,180.80	787.0	
2582.503	4" SOLID LINE MULTI COMP GR IN (WR)	LIN FT	265	\$2.00	\$530.00	0.0	191.0	0.0	191	72.08%	\$382.00	\$382.00	74.0	
2582.503	4" BROKEN LINE MULTI COMP GR IN (WR)	LIN FT	115.6	\$2.00	\$231.20	0.0	40.0	0.0	40	34.60%	\$80.00	\$80.00	75.6	
2722.549	8" PVC SDR-26 FORCE MAIN	LIN FT	2408	\$28.00	\$67,424.00	2,408.0	0.0	0.0	2,408.00	100.00%	\$0.00	\$67,424.00	0.0	
2722.549	8" FORCE MAIN DIRECTIONAL BORE (FUSIBLE PVC C900)	LIN FT	344	\$100.00	\$34,400.00	344.0	0.0	0.0	344	100.00%	\$0.00	\$34,400.00	0.0	
2722.549	20" PVC FORCE MAIN	LIN FT	2437	\$74.00	\$180,338.00	2137.0	300.0	0.0	2437	100.00%	\$22,200.00	\$180,338.00	0.0	
2722.554	DUCTILE IRON FITTINGS (8" & 20")	POUND	2623	\$6.50	\$17,049.50	1652.0	971.0	0.0	2,623.00	100.00%	\$6,311.50	\$17,049.50	0.0	
2722.563	AIR RELEASE MANHOLE	EACH	1	\$15,250.00	\$15,250.00	0.4	0.4	0.0	0.8	80.00%	\$6,100.00	\$12,200.00	0.2	



Contractor's Application and Certificate for Payment

For (contract):		Thief River Falls Westside Flood Damage Reduction Project				Contractor:		R.J. Zavoral & Sons, Inc.					
Application No.:		12				Application Period:		10/1/2020 - 10/15/2020					
A					B	C	D	E	F	G	H	I	J
Item					Work Completed			Materials Presently Stored (not in C or D)	Total Completed and Stored To Date (C+D+E)	Percent Complete To Date (%)	Total Cost This Period	Total Cost Complete to Date	Balance to Finish (A - F)
Item No.	Description	Unit	Contract Quantity	Contract Unit Price	Scheduled Value	From Previous Applications	This Period						
CO-1	SALES TAX REIMBURSEMENT	LS	1	\$173,944.09	\$173,944.09	0.14	0.00	0.0	0.14	14.00%	\$0.00	\$24,352.17	0.86
CO-2	STORM SEWER MANHOLE VALUE ENGINEERING	LS	1	\$27,577.00	\$27,577.00	0.0	1.0	0.0	1	100.00%	\$27,577.00	\$27,577.00	0.00
CO-3	30" STEEL CASING PIPE - JACK INSTALLED	LIN FT	18	\$678.00	\$12,204.00	18.0	0.0	0.0	18	100.00%	\$0.00	\$12,204.00	0.00
CO-4	30" STEEL CASING PIPE - JACK INSTALLED	LIN FT	23	\$678.00	\$15,594.00	23.0	0.0	0.0	23	100.00%	\$0.00	\$15,594.00	0.00



Contractor's Application and Certificate for Payment

For (contract):		Thief River Falls Westside Flood Damage Reduction Project - MnDOT Trunk Highway No. 1 (SP 5701-33)					Contractor:		R.J. Zavoral & Sons, Inc.					
Application No.:		12					Application Period:		10/1/2020 - 10/15/2020					
A			B			C		D	E	F	G	H	I	J
Item					Work Completed		Materials Presently Stored (not in C or D)	Total Completed and Stored To Date (C+D+E)	Percent Complete To Date (%)	Total Cost This Period	Total Cost Complete to Date	Balance to Finish (A - F)		
Item No.	Description	Unit	Contract Quantity	Contract Unit Price	Scheduled Value	From Previous Applications	This Period							
2021.501	MOBILIZATION	LUMP SUM	1	\$25,000.00	\$25,000.00	1.0	0	0.0	1	100.00%	\$0.00	\$25,000.00	0.0	
2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	112	\$2.50	\$280.00	112.0	0	0.0	112	100.00%	\$0.00	\$280.00	0.0	
2104.504	REMOVE BITUMINOUS PAVEMENT	SQ YD	706	\$9.00	\$6,354.00	706.0	0	0.0	706	100.00%	\$0.00	\$6,354.00	0.0	
2105.504	GEOTEXTILE FABRIC TYPE 5	SQ YD	826	\$1.55	\$1,280.30	826.0	0	0.0	826	100.00%	\$0.00	\$1,280.30	0.0	
2118.509	AGGREGATE SURFACING CLASS 1	TON	75	\$18.00	\$1,350.00	75.0	0	0.0	75	100.00%	\$0.00	\$1,350.00	0.0	
2211.509	AGGREGATE BASE, CLASS 5	TON	236	\$11.00	\$2,596.00	236.0	0	0.0	236	100.00%	\$0.00	\$2,596.00	0.0	
2232.603	MILLED RUMBLE STRIPS - INTERMITTENT	LIN FT	454	\$5.50	\$2,497.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	454.0	
2360.509	TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	308	\$100.00	\$30,800.00	308.0	0	0.0	308	100.00%	\$0.00	\$30,800.00	0.0	
2412.502	12X6 PRECAST CONCRETE BOX CULVERT END SECTION	EACH	2	\$12,950.00	\$25,900.00	2.0	0	0.0	2	100.00%	\$0.00	\$25,900.00	0.0	
2412.503	12X6 PRECAST CONCRETE BOX CULVERT	LIN FT	98	\$1,070.00	\$104,860.00	98.0	0	0.0	98	100.00%	\$0.00	\$104,860.00	0.0	
2451.507	FINE AGGREGATE BEDDING (CV)	CU YD	368	\$15.00	\$5,520.00	368.0	0	0.0	368	100.00%	\$0.00	\$5,520.00	0.0	
2511.504	GEOTEXTILE FILTER TYPE 4	SQ YD	220	\$2.15	\$473.00	0.0	220	0.0	220	100.00%	\$473.00	\$473.00	0.0	
2511.607	RANDOM RIPRAP - SPECIAL	CU YD	85	\$105.00	\$8,925.00	0.0	85	0.0	85	100.00%	\$8,925.00	\$8,925.00	0.0	
2563.601	TRAFFIC CONTROL	LUMP SUM	1	\$11,500.00	\$11,500.00	1.0	0	0.0	1	100.00%	\$0.00	\$11,500.00	0.0	
2563.601	DETOUR SIGNING	LUMP SUM	1	\$7,000.00	\$7,000.00	1.0	0	0.0	1	100.00%	\$0.00	\$7,000.00	0.0	
2563.602	PORTABLE CHANGEABLE MESSAGE SIGN	EACH	2	\$3,900.00	\$7,800.00	2.0	0	0.0	2	100.00%	\$0.00	\$7,800.00	0.0	
2573.503	SEDIMENT CONTROL LOG TYPE WOOD CHIP	LIN FT	262	\$6.00	\$1,572.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	262.0	
2574.508	FERTILIZER TYPE 3	POUND	50	\$0.50	\$25.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	50.0	
2575.505	SEEDING	ACRE	0.3	\$500.00	\$150.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	0.3	
2575.505	DISK ANCHORING	ACRE	0.3	\$50.00	\$15.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	0.3	
2575.508	SEED MIXTURE, 25-141	POUND	15	\$5.00	\$75.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	15.0	
2575.509	MULCH MATERIAL TYPE 1	TON	0.5	\$200.00	\$100.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	0.5	
2575.604	ROLLED EROSION CONTROL PREVENTION CATEGORY 25	SQ YD	1392	\$1.75	\$2,436.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	1392.0	
2582.503	6" SOLID LINE MULTI COMP GR IN (WR)	LIN FT	454	\$3.20	\$1,452.80	0.0	475	0.0	475	104.63%	\$1,520.00	\$1,520.00	-21.0	
2582.503	4" BROKEN LINE MULTI COMP GR IN (WR)	LIN FT	227	\$0.30	\$68.10	0.0	60	0.0	60	26.43%	\$18.00	\$18.00	167.0	
CO-1	SALES TAX REIMBURSEMENT	LS	1	\$173,944.09	\$173,944.09	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	0.00	



Change Order No. 7

<p>Project Name:</p> <p>Thief River Falls Westside Flood Damage Reduction Project (RLWD Project #178)</p>	<p>HDR Project No.:</p> <p>#10134290</p>
<p>Project Owner:</p> <p>Red Lake Watershed District</p> <p>1000 Pennington Avenue South</p> <p>Thief River Falls, MN 56701</p>	<p>Owner's Project No.:</p> <p>#178</p> <p>Date of Issuance:</p> <p>October 20, 2020</p>
<p>Project Contractor:</p> <p>RJ Zavoral and Sons, Inc.</p> <p>P.O.Box 435</p> <p>East Grand Forks, MN 56721</p>	<p>Date of Contract:</p> <p>March 27, 2020</p> <p>Contract Period:</p> <p>March 27, 2020 to October 15, 2020 (final completion)</p>

It is agreed to modify the Contract referred to above as follows:

CPR #	ITEM AND DESCRIPTION OF CHANGES	CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIME
7.1	For State Project No. 5703-50 (TH 32), Sheets B1-B11 in the RLWD Project #178 Plans, the following items are to be included. 1) Hauling of 1,823 CY of unsuitable material that was excavated from the roadway embankment for the placement of the 12' x 10' RC Box Culvert. The hauling will be compensated at \$3.00 per CY of material hauled. 2) 3,373 Ton of Select Granular Borrow that was placed as backfill material within the roadway embankment. The Select Granular Borrow will be compensated at \$6.80 per Ton.	\$28,405.40	None
7.2	For State Project No. 057-607-015 (CSAH 7), Sheets B12-B20 in the RLWD Project #178 Plans, the following items are to be included. 1) Hauling of 981 CY of unsuitable material that was excavated from the roadway embankment for the placement of the 12' x 8' RC Box Culvert. The hauling will be compensated at \$3.00 per CY of material hauled. 2) 1,814 Ton of Select Granular Borrow that was placed as backfill material within the roadway embankment. The Select Granular Borrow will be compensated at \$6.80 per Ton.	\$15,278.20	None
7.3	For State Project No. 5701-33 (TH 1), Sheets 1-27 in the RLWD Project #178 Plans, the following items are to be included. 1) Hauling of 1,222 CY of unsuitable material that was excavated from the roadway embankment for the placement of the 12' x 6' RC Box Culvert. The hauling will be compensated at \$3.00 per CY of material hauled. 2) 2,261 Ton of Select Granular Borrow that was placed as backfill material within the roadway embankment. The Select Granular Borrow will be compensated at \$6.80 per Ton.	\$19,040.80	None
	Difference Net	\$62,724.40	None

Summary: It is agreed to modify the Contract referred to above as follows:

Contract Price prior to this Change Order	Contract Time prior to this Change Order
\$ 6,876,254.77 _____	October 15, 2020 _____
Net Increase (decrease) of this Change Order	Net Increase (decrease) of this Change Order
\$ 62,724.40 _____	None _____
Revised Contract Price with all approved Change Orders	Revised Contract Time with all approved Change Orders
\$ 6,938,979.17 _____	October 15, 2020 _____

The changes included in this Change Order are to be accomplished in accordance with the terms, stipulations and conditions of the original Contract as though included therein.

Accepted for Contractor by:

Date:

Recommended for Approval by (HDR Engineering, Inc.):

Date:



10/20/2020

Approved for Owner by:

Attest:

Date:

Approved: (Other - when required)

Date:

Distribution: Owner Contractor Office Field Other

Attachment A – TRF Westside Flood Damage Reduction Project – RJ Zavoral and Sons, Inc. – Select Granular Backfill – Box Culverts

CHANGE ORDER PROPOSAL

"Moving the Earth Since 1951"

QUOTE **HDR Engineering**
 TO **213 LaBree Ave N, Suite 203**
Thief River Falls, MN 56701
(218) 681-6100

JOB **Thief River Falls Westside Flood Damage**
Reduction Project (RLWD Project #178)
 CO# **Select Granular Backfill – Box Culverts**
 DATE

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXT PRICE
	HWY 32				
	HAUL OFF EXCAVATION	1,823	CY	\$3.00	\$5,469.00
	SELECT GRANULAR BORROW	3,373	TON	\$6.80	\$22,936.40
	HWY 1				
	HAUL OFF EXCAVATION	1,222	CY	\$3.00	\$3,666.00
	SELECT GRANULAR BORROW	2,261	TON	\$6.80	\$15,374.80
	CSAH 7				
	HAUL OFF EXCAVATION	981	CY	\$3.00	\$2,943.00
	SELECT GRANULAR BORROW	1,814	TON	\$6.80	\$12,335.20
TOTAL:					\$62,724.40

Tax and bond included

R.J. Zavoral & Sons, Inc.

Joseph R. Zavoral

ACCEPTANCE OF PROPOSAL

The above prices, specifications and conditions are satisfactory and hereby accepted.
 You are authorized to the work as specified. Payment will be made as outlined above.

Date of Acceptance: _____

Signature: _____

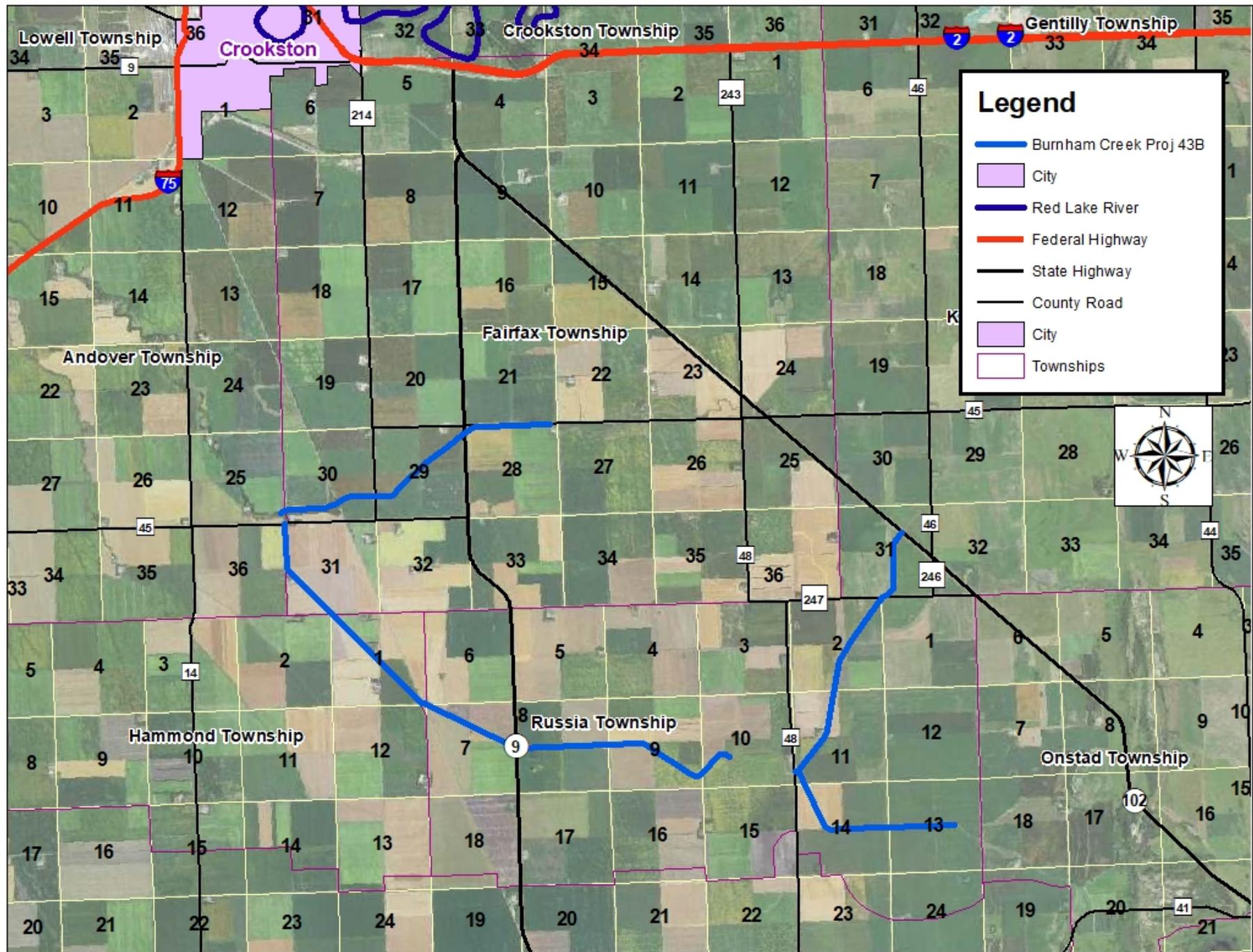
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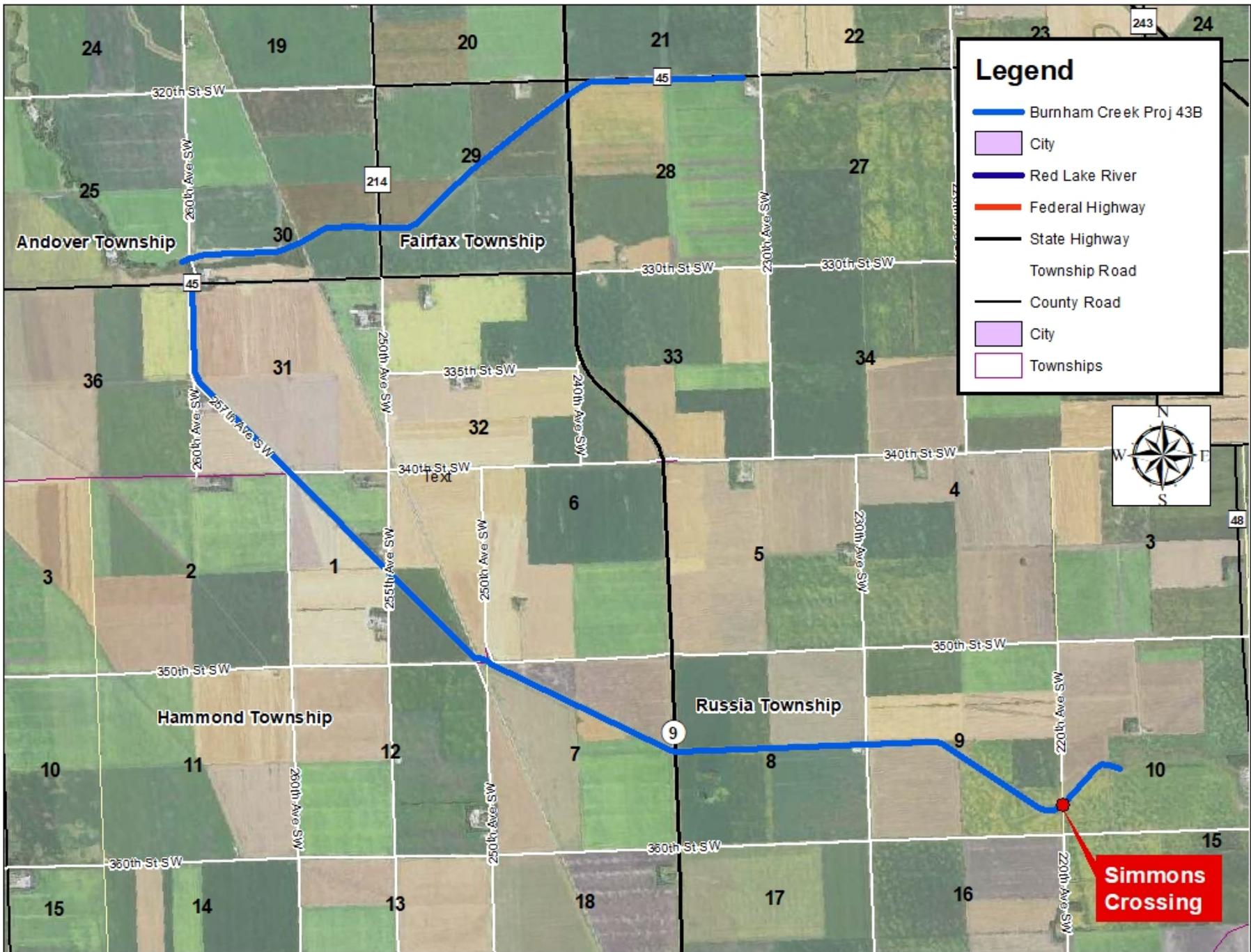
SIMMONS CROSSING

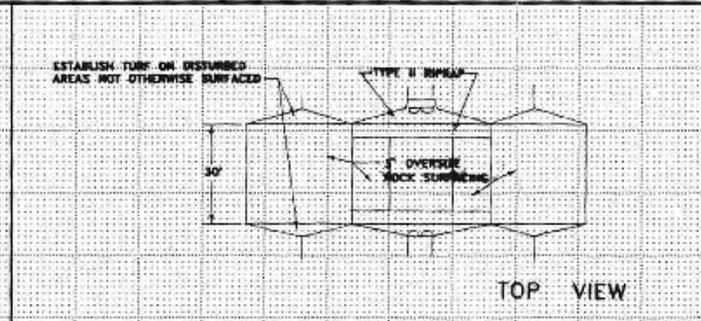
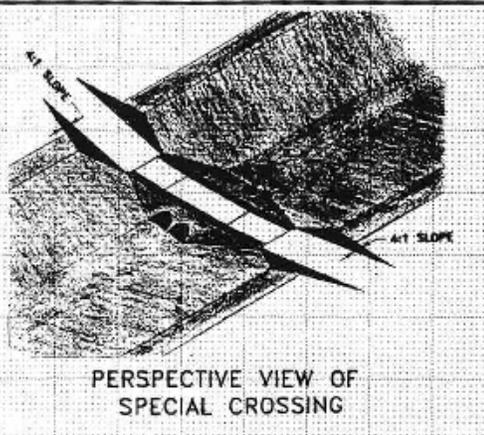
Burnham Creek Channel

Project 43B

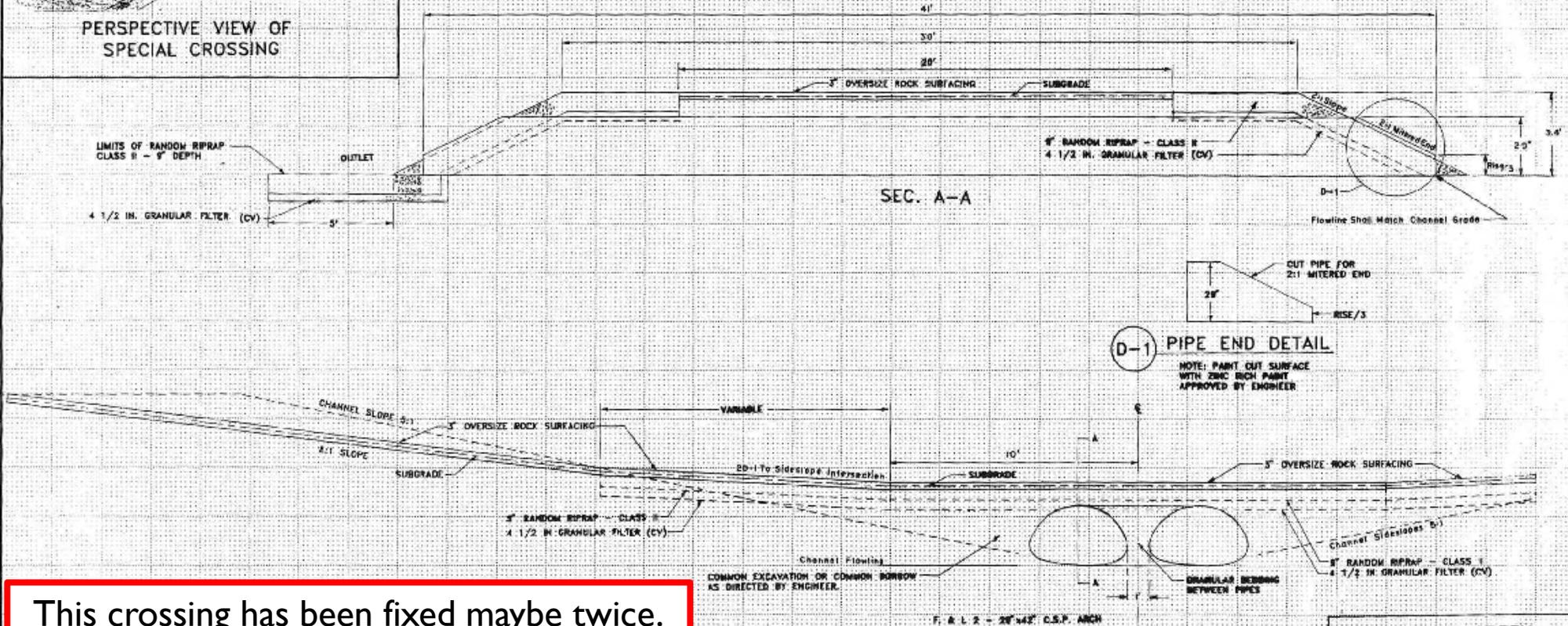
Russia Township Section 9/10







Two 29" x 42" C.S.P. ARCH
 Granular Bedding between pipes
 4 1/2 inch granular filter
 9" random riprap
 3" oversize rock surfacing



This crossing has been fixed maybe twice.
 There is currently grouted riprap on the downstream end of the crossing.

BURNHAM CREEK CULVERT INSTALLATION PROJECT # 43		
DRAWN	RED LAKE WATERSHED DISTRICT	REVISION
CHECKED		
DATE 8/20/09		# OF 11

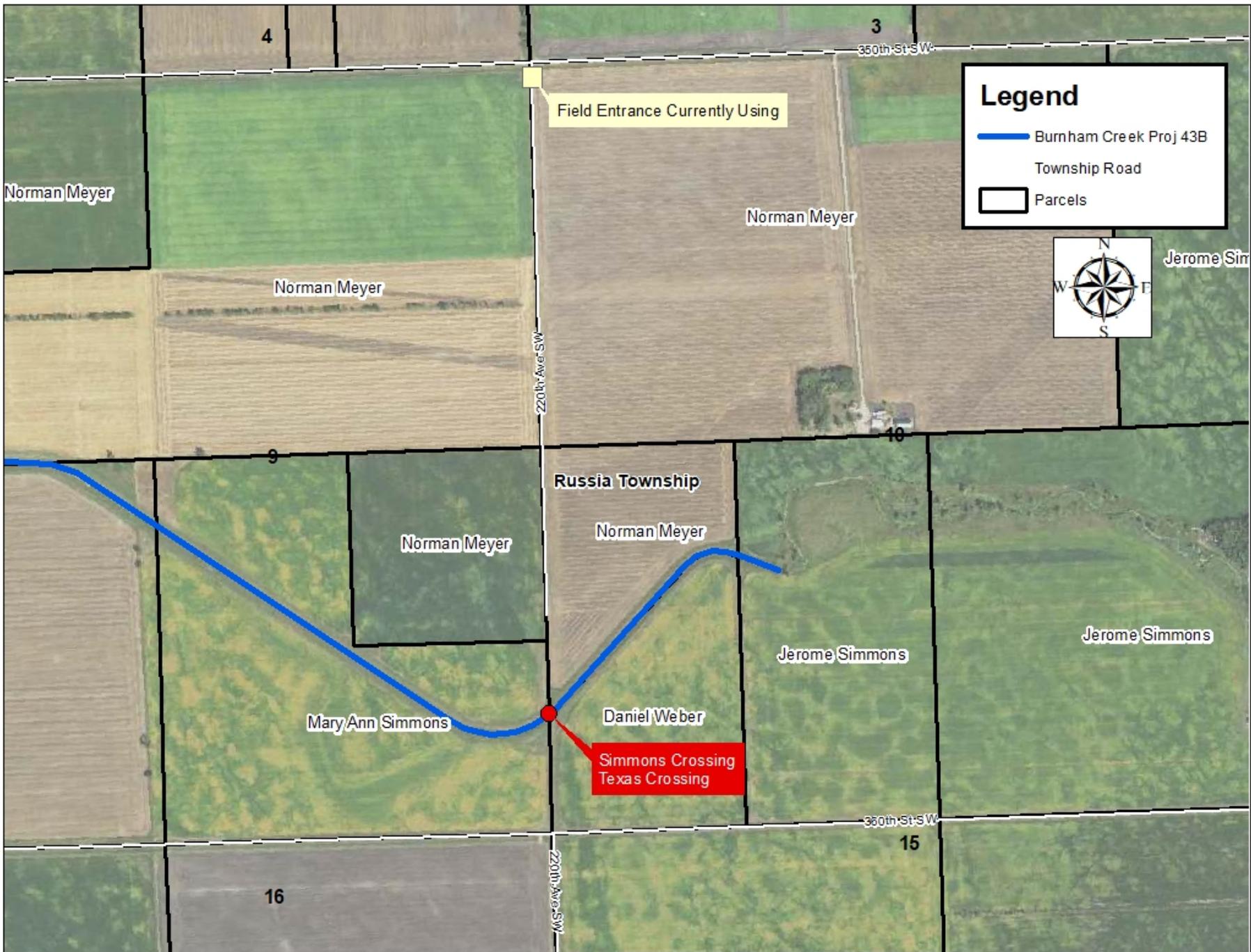












**BURNHAM CREEK SIMMON'S CROSSING
OPINION OF PROBABLE CONSTRUCTION COST
RED LAKE WATERSHED DISTRICT**

10/21/2020

Bid Item No.	Description	Unit of Measure	Contract Quantity	Unit Price (\$)	Contract Amount (\$)
2021.501	MOBILIZATION	LUMP SUM	1	\$2,500.00	\$2,500.00
2104.503	REMOVE CULVERT PIPE	LIN. FT.	40	\$10.00	\$400.00
2104.601	SALVAGE AND INSTALL RANDOM RIPRAP CLASS II	LUMP SUM	1	\$500.00	\$500.00
2104.601	SALVAGE AND INSTALL 3" OVERSIZE ROCK SURFACING	LUMP SUM	1	\$500.00	\$500.00
2451.507	COARSE FILTER AGGREGATE (CV)	CU. YD.	7	\$70.00	\$490.00
2451.507	GRANULAR BEDDING (CV) (P)	CU. YD.	4	\$30.00	\$120.00
2501.503	42" SPAN CS PIPE CULVERT (BEVELED)	LIN. FT.	80	\$75.00	\$6,000.00
2511.504	GEOTEXTILE FILTER, TYPE IV	SQ. YD.	130	\$3.50	\$455.00
2511.601	QUARRY-RUN RIPRAP, CLASS II	CU. YD.	20	\$120.00	\$2,400.00
2511.601	QUARRY-RUN RIPRAP, CLASS III	CU. YD.	25	\$125.00	\$3,125.00
2575.501	TURF ESTABLISHMENT	LUMP SUM	1.0	\$400.00	\$400.00
Total Construction Cost =					\$16,890.00
Contingencies (10%) =					\$1,689.00
Engineering & Construction Admin. =					\$3,040.20
TOTAL PROJECT COSTS =					\$21,619.20



Permit # 20-207

Status Report: **Tabled**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Darrell & Danny Payment		21518 120th Avenue SE Red Lake Falls, MN 56750		tel: mobile: 218-684-5369 fax:

General Information

(1) The proposed project is a:

**Surface Drainage (New Ditch or Improvement)
Culvert Installation / Removal / Modification**

(2) Legal Description

(3) County: **Red Lake** Township: **Terrebonne** Range: **43** Section: **5 1/4**:

(4) Describe in detail the work to be performed. **Clean ditch and install crossing on road ditch on Highway 92 south side.**

(5) Why is this work necessary? Explain water related issue/problem being solved. **Need access to field and ditch has not been cleaned for many years.**

Status

Status	Notes	Date
Tabled		Oct. 21, 2020
Received		Sept. 2, 2020

Conditions

I recommend that this permit be tabled to provide time for inspection.

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



Permit # 20-208

Status Report: **Tabled**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Darrell & Danny Payment		21518 120th Avenue SE Red Lake Falls, MN 56750		tel: mobile: 218-684-5369 fax:

General Information

(1) The proposed project is a:

Surface Drainage (New Ditch or Improvement)

(2) Legal Description

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

(4) Describe in detail the work to be performed. **Clean ditch to drain water.**

(5) Why is this work necessary? Explain water related issue/problem being solved. **Water is backing up into the field.**

Status

Status	Notes	Date
Tabled		Oct. 21, 2020
Received		Sept. 2, 2020

Conditions

I recommend that this permit be tabled to provide time for inspection.

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



Permit # 20-236

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
David Solo		None		tel: mobile: fax:

General Information

(1) The proposed project is a:

Culvert Installation / Removal / Modification

(2) Legal Description

(3) County: **Marshall Township: Moylan Range: 40 Section: 28 1/4: SW1/4 SE1/4**

(4) Describe in detail the work to be performed. **Install arch pipe in County Ditch.**

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

Status

Status	Notes	Date
Approved		Oct. 19, 2020
Received		Sept. 18, 2020

Conditions

Per discussion with Marshall County Engineer, it was determined County ditch 32 Lateral 1 was designed to pass a four-year design frequency. Therefore, the RLWD approves the installation of a salvaged 154" X 97" RCP-ARCH pipe, along with a culvert with a minimum of 16 square feet of end area which shall be installed along side of the proposed RCP-ARCH under the supervision of the Marshall County Engineer. Applicant shall contact the Marshall County Engineer prior to the start of work and meet their spec's/conditions, the proposed work is within County Ditch 32 Lateral 1 right-of-way. Applicant shall ensure that all disturbed areas are seeded. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O.

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



Permit # 20-206

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Darrell & Danny Payment		21518 120th Avenue SE Red Lake Falls, MN 56750		tel: mobile: 218-684-5369 fax:

General Information

(1) The proposed project is a:

Surface Drainage (New Ditch or Improvement)

(2) Legal Description

(3) County: **Red Lake** Township: **Gervais** Range: **43** Section: **33 1/4**:

(4) Describe in detail the work to be performed. **Clean and level ditch running east and west and same to ditch running north and south.**

(5) Why is this work necessary? Explain water related issue/problem being solved. **Need to finish what we started last year and ditch has not been cleaned for many years.**

Status

Status	Notes	Date
Approved		Oct. 19, 2020
Received		Sept. 2, 2020

Conditions

Red Lake Watershed District (RLWD) approval to clean the east & west township road ditch, as per approval of Gervais Township; proposed work is within township road right-of-way. RLWD approval to clean County Road #114 north & south road ditch, as per approval of Red Lake County Highway Department. All excavation shall be consistent with the existing road and ditch slopes, there shall be no vertical excavation faces. Existing drainage/flow patterns shall not be changed or diverted. Applicant shall ensure that all disturbed areas are seeded. Any culverts lowered shall have filter fabric and rock riprap placed at the out ends. For proposed work on lands not owned by applicant, he/she must obtain, in writing, permission from the affected landowners to perform proposed work. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O.

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



Permit # 20-251

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Luke Kaushagen		15865 200th Street NE Thief River Falls, MN 56701		tel:218-681-5724 mobile: 218-686-5330 fax:

General Information

(1) The proposed project is a:

Culvert Installation / Removal / Modification

(2) Legal Description

(3) County: **Marshall** Township: **Agder** Range: **42** Section: **19** 1/4: **NE1/4**

(4) Describe in detail the work to be performed. **Install dry crossing. Original crossing was removed when township rebuilt the road.**

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

Status

Status	Notes	Date
Approved		Oct. 19, 2020
Received		Sept. 30, 2020

Conditions

Red Lake Watershed District (RLWD) approval to install a dry crossing, as per approval Agder Township; proposed work is within township road right of way. Applicant shall ensure that all disturbed areas are seeded Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O.

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



Permit # 20-254

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
	Thygeson Construction	17913 US HWY 59 NE Thief River Falls, MN 56701		tel:2186811924 mobile: fax:

General Information

(1) The proposed project is a:

Culvert Installation / Removal / Modification

(2) Legal Description

(3) County: **Pennington** Township: **North** Range: **43** Section: **29 1/4**:

(4) Describe in detail the work to be performed. **Install new business entrance culvert.**

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

Status

Status	Notes	Date
Approved		Oct. 12, 2020
Received		Oct. 1, 2020

Conditions

RLWD approval to install an 18" diameter business entrance culvert, as per approval of Minnesota Department of Transportation; proposed work is within Trunk Highway #59 right-of-way. Applicant shall ensure that all disturbed areas are seeded and that rock riprap with filter fabric is placed at the outlet end of the permitted culvert. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O.

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



Permit # 20-255

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Leslie Hofstad		None		tel: mobile: fax:

General Information

(1) The proposed project is a:

No work type selected.

(2) Legal Description

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

(4) Describe in detail the work to be performed.

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

Status

Status	Notes	Date
Approved		Oct. 20, 2020
Received		Oct. 1, 2020

Conditions

RLWD approval to clean the north county road ditch for approximately ¼ mile, as per approval of Red Lake County Highway Department; proposed work is within County Road #1 right-of-way. All excavation shall be consistent with the existing road and ditch slopes, there shall be no vertical excavation faces. Existing drainage/flow patterns shall not be changed or diverted. All culverts shall remain in place, applicant shall ensure that all disturbed areas are seeded. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O./L.S.

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



Permit # 20-256

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Leslie Hofstad		None		tel: mobile: fax:

General Information

(1) The proposed project is a:

No work type selected.

(2) Legal Description

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

(4) Describe in detail the work to be performed.

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

Status

Status	Notes	Date
Approved		Oct. 20, 2020
Received		Oct. 1, 2020

Conditions

RLWD approval to install a 24" diameter field entrance culvert, as per approval of Red Lake County Highway Department; proposed work is within County Road #1 right-of-way. Applicant shall ensure that all disturbed areas are seeded and that rock riprap with filter fabric is placed at the outlet end of the permitted culvert. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O./L.S.

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



Permit # 20-257

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Kyle Mehrkens		None		tel: mobile: fax:

General Information

(1) The proposed project is a:

No work type selected.

(2) Legal Description

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

(4) Describe in detail the work to be performed.

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

Status

Status	Notes	Date
Approved		Oct. 20, 2020
Received		Oct. 1, 2020

Conditions

RLWD approval to clean the north county road ditch, as per approval of Pennington County Highway Department; proposed work is within County Road #61 right-of-way. Applicant shall ensure that all disturbed areas are seeded. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O.

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



Permit # 20-258

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
	Bray Township	None		tel: mobile: fax:

General Information

(1) The proposed project is a:

No work type selected.

(2) Legal Description

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

(4) Describe in detail the work to be performed.

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

Status

Status	Notes	Date
Approved		Oct. 20, 2020
Received		Oct. 1, 2020

Conditions

RLWD approval to replace existing culverts, in kind. Applicant shall ensure that all disturbed areas are seeded. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O.

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



Permit # 20-259

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
	Bray Township	None		tel: mobile: fax:

General Information

(1) The proposed project is a:

No work type selected.

(2) Legal Description

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

(4) Describe in detail the work to be performed.

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

Status

Status	Notes	Date
Approved		Oct. 20, 2020
Received		Oct. 1, 2020

Conditions

RLWD approval to remove an existing 18" diameter centerline culvert and replace it with a 24" diameter culvert. Prior to up sizing the centerline culvert, the 15" diameter culvert to the west of the permit site shall be up-sized to a 24" diameter culvert. See map. Applicant shall ensure that all disturbed areas are seeded and that rock riprap with filter fabric is placed at the outlet end of the permitted culverts. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O.

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



Permit # 20-260

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
	Schulz Farm	None		tel: mobile: fax:

General Information

(1) The proposed project is a:

No work type selected.

(2) Legal Description

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

(4) Describe in detail the work to be performed.

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

Status

Status	Notes	Date
Approved		Oct. 21, 2020
Received		Oct. 2, 2020

Conditions

The Red Lake Watershed District (RLWD) approves the pattern tile project with a '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. If any of the work will be on the bank of the adjacent public watercourse, 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 218-219-8585. Directly downstream of the tile outlet, applicant shall ensure that adequate grade and drainage is provided. Applicant shall install appropriate erosion control measures for energy dissipation at the tile outlets. 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. *14.5.*

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



Permit # 20-261

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Anthony Gerardy		None		tel: mobile: fax:

General Information

(1) The proposed project is a:

No work type selected.

(2) Legal Description

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

(4) Describe in detail the work to be performed.

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

Status

Status	Notes	Date
Approved		Oct. 21, 2020
Received		Oct. 2, 2020

Conditions

RLWD approval to clean the north township road ditch and lower a 48" CMP centerline culvert, as per approval of Emardville Township; proposed work is within township road right-of-way. All excavation shall be consistent with the existing road and ditch slopes, there shall be no vertical excavation faces. Existing drainage/flow patterns shall not be changed or diverted. Applicant shall ensure that all disturbed areas are seeded and that rock riprap with filter fabric is placed at the outlet end of the lowered culvert. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O./L.S.

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



Permit # 20-262

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Wayne Harder		None		tel: mobile: fax:

General Information

(1) The proposed project is a:

No work type selected.

(2) Legal Description

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

(4) Describe in detail the work to be performed.

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

Status

Status	Notes	Date
Approved		Oct. 21, 2020
Received		Oct. 5, 2020

Conditions

RLWD approval to clean the north county road ditch and to install a 24" field entrance culvert, as per approval of Pennington County Highway Department; proposed work is within county road #62 right-of-way. Applicant shall ensure that all disturbed areas are seeded and that rock riprap with filter fabric is placed at the outlet end of the permitted culvert. All excavation shall be consistent with the existing road and ditch slopes, there shall be no vertical excavation faces. Flow patterns shall not be changed or diverted. For proposed work on lands not owned by applicant, he/she must obtain, in writing, permission from the affected landowners to perform proposed work. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O.

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



Permit # 20-263

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Roy Quick		None		tel: mobile: fax:

General Information

(1) The proposed project is a:

No work type selected.

(2) Legal Description

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

(4) Describe in detail the work to be performed.

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

Status

Status	Notes	Date
Approved		Oct. 21, 2020
Received		Oct. 5, 2020

Conditions

Site 1 - RLWD approval to extend an 18" diameter field entrance culvert, as per approval of River Township; proposed work is within township road right-of-way. Site 2 - RLWD approval to install an 18" diameter field entrance culvert, as per approval of River Township; proposed work is within township road right-of-way. Applicant shall ensure that all disturbed areas are seeded and that rock riprap with filter fabric is placed at the outlet end of the permitted culverts. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O./L.S.

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



Permit # 20-265

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Daniel Aandal		23459 240th Avenue NE Goodridge, MN 56725		tel: mobile: 218-686-9357 fax:

General Information

(1) The proposed project is a:

Culvert Installation / Removal / Modification

(2) Legal Description

(3) County: **Marshall Township: Grand Plain Range: 41 Section: 8 1/4: NW1/4**

(4) Describe in detail the work to be performed. **Remove existing field entrance and replace with longer culvert. Clean township road ditch.**

(5) Why is this work necessary? Explain water related issue/problem being solved. **Longer culvert needed for larger equipment. Remove sediment.**

Status

Status	Notes	Date
Approved		Oct. 21, 2020
Received		Oct. 7, 2020

Conditions

RLWD approval to remove and replace an 18" diameter field entrance culvert, in kind. RLWD approval to clean the east road ditch, as per approval of Grand Plain Township; proposed work is within township road right-of-way. Applicant shall ensure that all disturbed areas are seeded and that rock riprap with filter fabric is placed at the outlet end of the permitted culvert. All excavation shall be consistent with the existing road and ditch slopes, there shall be no vertical excavation faces. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O.

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



Permit # 20-266

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Ray Martell		None		tel:701-226-5327 mobile: fax:

General Information

(1) The proposed project is a:

Culvert Installation / Removal / Modification

(2) Legal Description

(3) County: **Red Lake** Township: **Gervais** Range: **43** Section: **15 1/4: NW1/4 NE1/4**

(4) Describe in detail the work to be performed. **Replace existing culvert and lower 6"**

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

Status

Status	Notes	Date
Approved		Oct. 21, 2020
Received		Oct. 7, 2020

Conditions

RLWD approval to remove and replace an 18" diameter field entrance culvert, in kind, as per approval of Red Lake County Highway Department; proposed work is within county road #23 right-of-way. Applicant shall ensure that all disturbed areas are seeded and that rock riprap with filter fabric is placed at the outlet end of the permitted culvert. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O./L.S

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



Permit # 20-267

Status Report: **Approved**

Applicant Information

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

General Information

(1) The proposed project is a:

Surface Drainage (New Ditch or Improvement)

(2) Legal Description

(3) County: **Red Lake** Township: **Red Lake Falls** Range: **44** Section: **28 1/4: NW1/4**

(4) Describe in detail the work to be performed. **Fill in township road ditch.**

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

Status

Status	Notes	Date
Approved		Oct. 21, 2020
Received		Oct. 7, 2020

Conditions

RLWD approval to fill in township road ditch, as per approval of Red Lake Falls Township; proposed work is within township road right-of-way. Applicant shall ensure that proper drainage is had for surface water. Applicant shall ensure that all disturbed areas are seeded. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O./L.S

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



Permit # 20-268

Status Report: **Approved**

Applicant Information

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

General Information

(1) The proposed project is a:

Culvert Installation / Removal / Modification

(2) Legal Description

(3) County: **Red Lake** Township: **Red Lake Falls** Range: **44** Section: **20 1/4: W1/2**

(4) Describe in detail the work to be performed. **Replace two existing centerline culverts thru township road.**

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

Status

Status	Notes	Date
Approved		Oct. 21, 2020
Received		Oct. 7, 2020

Conditions

Site 1 - RLWD approval to remove an 18" diameter centerline culvert and replace it with a 24" diameter culvert. Site 2 - RLWD approval to remove a 30" diameter centerline culvert and replace it with a 24" diameter culvert. Applicant shall ensure that all disturbed areas are seeded and that rock riprap with filter fabric is placed at the outlet end of the permitted culverts. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O./L.S.

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



Permit # 20-269

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
John Palmquist		139 Glen Creek Road Fridley, MN 55432		tel:763-439-2911 mobile: 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: 14 1/4: NW1/4 SW1/4**

(4) Describe in detail the work to be performed. **Replace 24" culvert.**

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

Status

Status	Notes	Date
Approved		Oct. 21, 2020
Received		Oct. 8, 2020

Conditions

RLWD approval to remove a 30" diameter field entrance culvert and replace a 24" diameter culvert, as per approval of Pennington County Highway Department; proposed work is within CSAH #2 right-of-way. Applicant shall ensure that all disturbed areas are seeded and that rock riprap with filter fabric is placed at the outlet end of the permitted culvert. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O.

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



Permit # 20-270

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
	Steiger Farms, Inc.	13325 120th Street SW Red Lake Falls, MN 56750		tel:218-964-5272 mobile: fax:

General Information

(1) The proposed project is a:

Culvert Installation / Removal / Modification

(2) Legal Description

(3) County: **Pennington** Township: **Polk Centre** Range: **45** Section: **8 1/4: SE1/4**

(4) Describe in detail the work to be performed. **Replace rusted out culvert and move north to 1/4 mile line.**

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

Status

Status	Notes	Date
Approved		Oct. 21, 2020
Received		Oct. 8, 2020

Conditions

RLWD approval to remove and replace a 36" diameter field entrance culvert, in kind, as per approval of Pennington County Highway Department; proposed work is within County Road #66 right-of-way. Applicant may move the crossing north to the 1/4 mile line, south of the field ditch. Applicant shall ensure that all disturbed areas are seeded and that rock riprap with filter fabric is placed at the outlet end of the permitted culvert. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O.

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



Permit # 20-271

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
John Frahm		PO Box 6 Clear Lake, IA 50428		tel:515-450-8712 mobile: fax:

General Information

(1) The proposed project is a:

Culvert Installation / Removal / Modification

(2) Legal Description

(3) County: **Pennington** Township: **Smiley** Range: **42** Section: **23 1/4: NW1/4**

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

(5) Why is this work necessary? Explain water related issue/problem being solved. **Current driveway is too narrow.**

Status

Status	Notes	Date
Approved		Oct. 21, 2020
Received		Oct. 9, 2020

Conditions

RLWD approval to remove and replace a 60" diameter field entrance culvert, in kind, as per approval of Pennington County Highway Department; proposed work is within County Ditch #36 & County Road #84 right-of-way. Applicant shall ensure that all disturbed areas are seeded and that rock riprap with filter fabric is placed at the outlet end of the permitted culvert. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O.

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



Permit # 20-272

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Del Determan		816 Hwy 92 West Brooks, MN 56715		tel: mobile: 218-280-2801 fax:

General Information

(1) The proposed project is a:

Tiling

(2) Legal Description

(3) County: **Pennington** Township: **River Falls** Range: **43** Section: **1 1/4: W1/2**

(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. **Improved drainage.**

Status

Status	Notes	Date
Approved		Oct. 21, 2020
Received		Oct. 12, 2020

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 outlet, applicant shall ensure that adequate grade and drainage is provided. Applicant shall install appropriate erosion control measures for energy dissipation at the tile outlet. 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 # 20-273

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Donavon Dahl		29412 390th Street NE Middle River, MN 56737		tel: mobile: 218-689-2493 fax:

General Information

(1) The proposed project is a:

Culvert Installation / Removal / Modification

(2) Legal Description

(3) County: **Marshall** Township: **Rollis** Range: **40** Section: **20 1/4: NW1/4**

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

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

Status

Status	Notes	Date
Approved		Oct. 21, 2020
Received		Oct. 12, 2020

Conditions

RLWD approval to install an 18" diameter centerline culvert, as per approval of Rollis Township, proposed work is within township road right-of-way. Applicant shall ensure that all disturbed areas are seeded and that rock riprap with filter fabric is placed at the outlet end of the permitted culvert. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O.

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



Permit # 20-289

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Rodney Wold		Goodridge, MN 56725		tel: mobile: fax:

General Information

(1) The proposed project is a:

Surface Drainage (New Ditch or Improvement)

(2) Legal Description

(3) County: **Pennington** Township: **Reiner** Range: **39** Section: **36 1/4: NW1/4**

(4) Describe in detail the work to be performed. **Clean Trunk Highway 1 south road ditch in NW1/4.**

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

Status

Status	Notes	Date
Approved		Oct. 21, 2020
Received		Oct. 19, 2020

Conditions

RLWD approval to clean the south road ditch of Minnesota State Highway #1 for 1/2 mile, as per approval of the MNDOT. All excavation shall be consistent with the existing road and ditch slopes, there shall be no vertical excavation faces. Flows shall not be changed or diverted. All culverts shall remain in place. Applicant shall ensure that all disturbed areas are seeded. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O.

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



Permit # 20-291

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Dan Bruley	Bruley Family Farm	Crookston, MN 56716		tel: mobile: fax:28905 160th Ave

General Information

(1) The proposed project is a:

Culvert Installation / Removal / Modification

(2) Legal Description

(3) County: Polk Township: Kertsonville Range: 45 Section: 8 1/4: NE1/4

(4) Describe in detail the work to be performed. **Construction new field crossing into Section in the NE corner. Will build on the end of 180th Avenue SW.**

(5) Why is this work necessary? Explain water related issue/problem being solved. **Old crossing is on another landowners property and he wants to reclaim his land, leaving us with no access to our land.**

Status

Status	Notes	Date
Approved		Oct. 21, 2020
Received		Oct. 20, 2020

Conditions

RLWD approval to install a dry crossing, as per approval of Kertsonville Township; proposed work is within township road right-of-way. The culvert west of the permitted dry crossing shall remain in place, and in proper working order. Applicant shall ensure that all disturbed areas are seeded. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O./L.S.

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

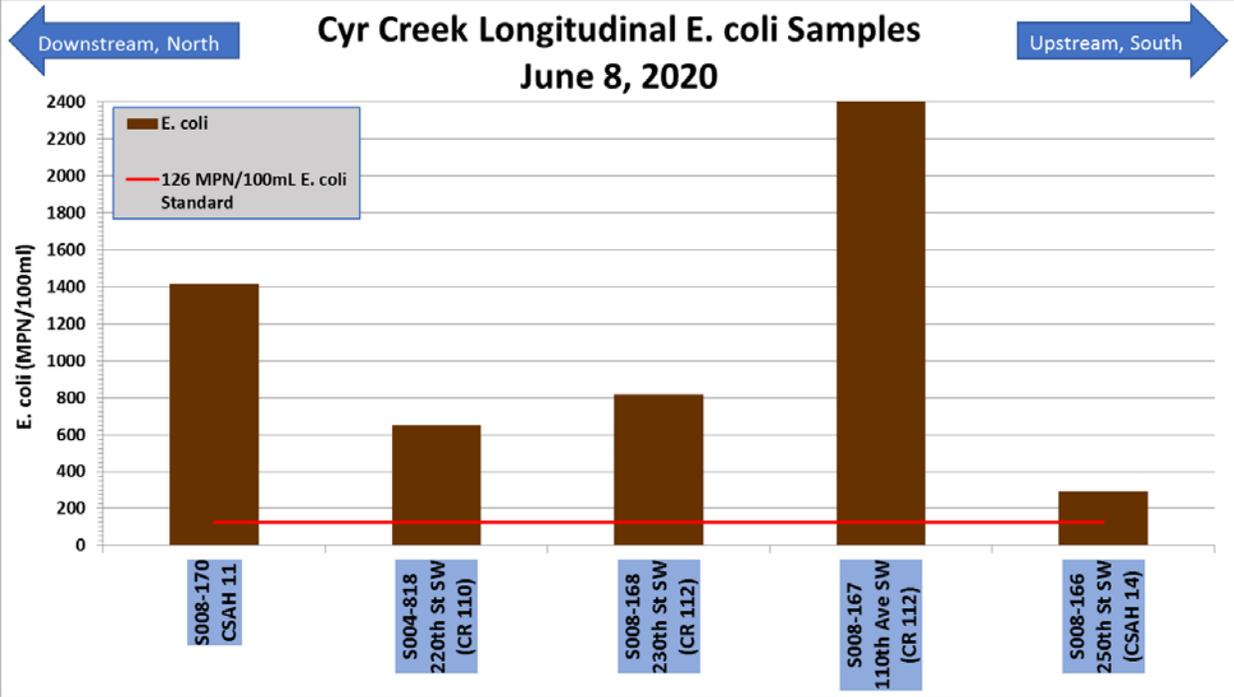
By Corey Hanson, Red Lake Watershed District Water Quality Coordinator. 10/13/2020

Long-Term Water Quality Monitoring Program

The first round of sampling in 2020 for the District's long-term monitoring program was completed in June. Large rainfall events led to high concentrations of pollutants at many of the District's rivers, streams, and ditches.



Longitudinal samples were collected along Cyr Creek after a large rainfall event. *E. coli* and total phosphorus concentrations were high throughout the watershed. An interesting finding was that there was a large increase in total suspended solids concentrations between the last two crossings. For the sake of safety, the creek is typically monitored at the next upstream crossing at 220th Street Southwest rather than CSAH 11 (a bridge at the bottom of a relatively steep valley that is not visible to oncoming traffic until it crests the top of the valley on either side). There is visible evidence of extensive erosion downstream of the regular monitoring station, however, and the PTMApp model identifies sediment runoff "hot spots" in the lower portion of the Cyr Creek watershed. The longitudinal sampling results confirmed concerns that water quality conditions at CSAH 11 may be worse than conditions at upstream crossings. The longitudinal sampling results, visual evidence, and PTMApp data indicate that the drainage area downstream of the 220th Street Southwest crossing should be targeted along with the direct drainage area of the Red Lake River as a priority for reducing sediment loading within the Red Lake River. Relatively low dissolved oxygen levels were recorded at the 220th St. SW and 230th St. SW crossings. *E. coli* concentrations were high at all the sampled crossings.



Construction activity along Pennington County Ditch 70 left the channel vulnerable to extensive erosion during large rainfall events that occurred in June (a turbidity level of 310 NTRU was measured at the outlet of the ditch on June 8, 2020).



During June runoff, a plume of sediment was found to be entering the Thief River upstream of the Hillyer Bridge (140th Ave NE). A fresh bank failure and streambank erosion also developed downstream of the bridge.

Thief River, upstream of the Hillyer Bridge



Thief River, downstream of the Hillyer Bridge



High total suspended solids concentrations and/or turbidity levels were found in:

- Black River at CSAH 18
- Browns Creek at County Road 101
- Chief's Coulee at Dewey Avenue
- Cyr Creek at CSAH 11
- Kripple Creek at 180th Ave SW
- Kripple Creek at 180th Ave SW
- Mud River at Highway 89
- Red Lake River at CSAH 13

Kripple Creek



Black River



Total suspended concentrations notably met standards at monitoring sites along the lower Red Lake River:

- Louis Murray Bridge in East Grand Forks
- CSAH 15 at Fisher
- CSAH 11 (between Gentilly and Crookston)

Low dissolved oxygen concentrations were found at:

- Chief's Coulee at Dewey Avenue
- Kripple Creek at CSAH 53
- Lost River at 109th Ave, upstream of Pine Lake
- Marshall County Ditch 20 at 180th Ave NE
- Pennington County Ditch 96 at Highway 32

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

- Black River at CSAH 18
- Blackduck River at Deer Trail Road NE
- Branch A of Judicial Ditch 21 at CSAH 48
- Chief's Coulee at Dewey Avenue
- Clear Brook at CSAH 92
- Coburn Creek at CSAH 30
- Cyr Creek at CSAH 11
- Cyr Creek at 220th Street Southwest
- Cyr Creek at 230th Street Southwest
- Cyr Creek at 110th Avenue Southwest
- Cyr Creek at 250th Street Southwest
- Darrigan's Creek at CSAH 23
- Gentilly Creek at CSAH 11, in Gentilly
- Grand Marais Creek at 130th Street Northwest
- Heartsville Coulee at 13th Street Southeast
- Hill River at County Road 119
- Judicial Ditch 73 at 343rd Street SE
- Kripple Creek at 180th Ave SW
- Kripple Creek at CRSAH 53
- Little Black River at CR 102
- Lost River at CSAH 28
- Lost River at Oklee
- Lost River at 109th Ave
- Lost River at CSAH 8
- Lower Badger Creek at 150th Avenue SE
- Moose River at CSAH 54
- Mud River at Highway 89
- Nasset Creek

- North Cormorant River at CSAH 36
- O' Briens Creek at Harvest Road NE
- Pennington County Ditch 96 at Highway 32
- Polk County Ditch 1
- Polk County Ditch 2 at Polk County Road 62
- RLWD Ditch 15 at CSAH 20
- Ruffy Brook at CSAH 11
- Silver Creek at 159th Ave
- Silver Creek at County Road 111
- South Cormorant River at CSAH 37
- Terrebonne Creek at CSAH 92
- Thief River at 380th St. NE
- Thief River at CSAH 7
- Walker Brook at CSAH 19

High concentrations of total phosphorus were found in:

- Black River at CSAH 18
- Blackduck River at Deer Trail Road NE
- Branch 200 of Judicial Ditch 11 at 190th Ave NE
- Branch A of Judicial Ditch 21 at CSAH 48
- Burnham Creek at 320th Avenue Southwest
- Chief's Coulee at Dewey Avenue
- Clearwater River at CSAH 12 (Terrebonne Bridge)
- Clearwater River, north of Plummer
- Clearwater River at County Road 127
- Coburn Creek at CSAH 30
- Cyr Creek at CSAH 11
- Cyr Creek at 220th Street Southwest
- Cyr Creek at 230th Street Southwest
- Cyr Creek at 110th Avenue Southwest
- Cyr Creek at 250th Street Southwest
- Cyr Creek at Highway 32
- Darrigan's Creek at CSAH 23
- Grand Marais Creek at 110th Street Northwest
- Grand Marais Creek at 130th Street Northwest
- Heartsville Coulee at 13th Street Southeast
- Hill River at County Road 119
- Hill River at 335th Avenue SE
- Judicial Ditch 30 at 140th Ave NE
- Kripple Creek at 180th Ave SW
- Kripple Creek at CSAH 53
- Lost River at County Road 119
- Lost River at Oklee

- Lost River at CSAH 28
- Lost River at 109th Ave
- Marshall County Ditch 20 at 180th Ave NE
- Mud River at Highway 89
- Moose River at CSAH 54
- Nasset Creek
- North Cormorant River at CSAH 36
- O' Briens Creek at Harvest Road NE
- Pennington County Ditch 21 at 135th Avenue SE
- Pennington County Ditch 96 at Highway 32
- Poplar River at County Road 118
- Poplar River at 310th Street SE
- Red Lake River at Greenwood Street
- Red Lake River at CSAH 7 (Smiley Bridge)
- Red Lake River at Highway 219 (Highlanding Bridge)
- Ruffy Brook at CSAH 11
- Silver Creek at County Road 111
- South Cormorant River at CSAH 37
- Thief River at 380th St. NE
- Thief River at CSAH 7

Samples were collected from Long Lake, near Pinewood. The Lake was listed as impaired on the 2016 List of Impaired Waters. Nearly all the samples collected by the District in 2018 through 2020, however, have met water quality standards. The June 2020 sample also met the water quality standard.

Stage and Flow Monitoring

A water level logger was deployed in a new deployment pipe at the Marshall County Ditch 20 long-term monitoring site. High flows at the end of 2019 had ripped away the previously installed pipe and logger. Flow was measured at the inlet and outlet of Brandt impoundment.

Hill River at Brooks – Pipe Removal and capping.

Since 2005 or perhaps earlier, a septic-smelling discharge has occasionally trickled from an underground source along the south bank of the Hill River, near the west side of County Road 119 near Brooks. The seepage was first noticed by District staff in 2005. Occurrences of the discharge, over the years, were photographed and shared with county staff that would have the ability to check for septic compliance. Even though the nearby home's septic system had been upgraded and located too far away from the seepage to be the source. The county had also worked with a nearby trucking company to upgrade its truck wash. Nonetheless polluted seepage continued to flow into the Hill River.

While sampling macroinvertebrates in the Hill River in October 2018, the Red Lake County Central River Watch Group documented a very significant amount of polluted seepage into the river. The seepage also had a diesel smell, which indicated that the truck wash was still contributing to the polluted seepage. Some exploratory digging revealed the presence of an underground tile pipe from which the septic-smelling (with an occasional diesel odor) seepage was flowing. It was suspected that, in addition to the

drainage from the truck wash, the pipe likely contained some residual septic sludge from an unknown source. The River Watch group, Red Lake County staff, and Red Lake Watershed District staff met to discuss the issue and possible solutions. The group discussed removal of the effluent-filled pipe and/or capping the pipe to prevent future conveyance of polluted water to the river.

<https://www.arcgis.com/apps/MapJournal/index.html?appid=85f67a01e6494685b3fcf1762f8cb958>

In June 2020, excavation was completed to remove the pipe. Approximately 560 feet of corrugated plastic pipe was removed. There was effluent coming out of the pipe and covering the bottom of the trench during the entire excavation and pipe removal effort.

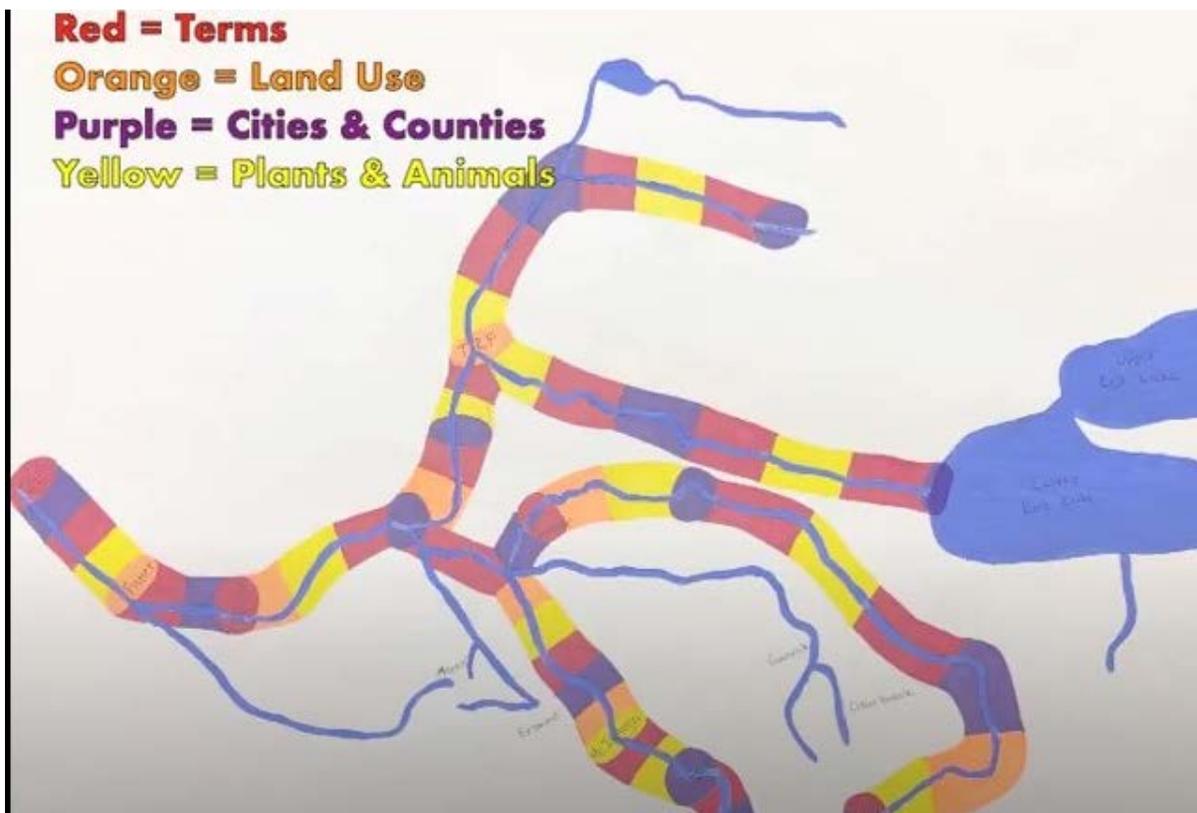


River Watch

The International Water Institute, on their Facebook page, showcased the accomplishments of local River Watch groups:

https://www.facebook.com/InternationalWaterInstitute/?_tn_&tn-str=k*F

- “The **Red Lake Falls River Watch** team created a board game that helped their third graders learn about animal/plant life, river terminology, cities/counties in their area, and different land uses of river property. This was a fun way for the students to get involved and learn about the Red Lake River Watershed! Red Lake Falls is also the recipient of a 20-year monitoring award! Their River Watch team has been taking part in water quality monitoring in the Red Lake River Watershed for 20 years! Great job Red Lake Falls!”



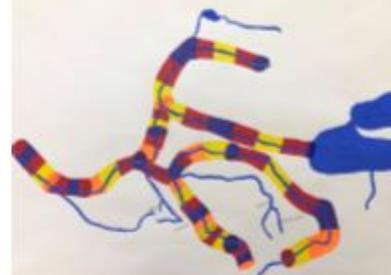
Rules

- Each player starts at one of the marked areas: Lower Red Lake, Bagley, Fosston, and Grygla
- Each player rolls a die. The player with the highest roll starts. Rotate clockwise.
- Categories include animal/plant life, river terminology, cities/counties, and uses of river property.
- First player picks a category they wish to answer a question from.
 - If players answer correctly, roll a die to determine the number of spaces moved forward
 - If a player answers incorrectly, no movement nor penalty results
- First player to reach East Grand Forks and answer a question from a category picked by the team in last place wins.

Analysis

Looking over our project, we could have executed a better job simplifying terms and other aspects of the game. It felt like some of the terminology and definitions we used were a little too advanced for 3rd graders. We liked the use of a board game for the kids because it felt like a fun way for the kids to learn. Overall, the results of the game were positive as 56% of the test scores improved.

Red Lake Falls Riverwatch



- “The RLCC High School River Watch team taught 3rd graders the importance of cleaning equipment to stop the spread of invasive species, specifically Zebra Mussels. They created a big demonstration that got all the students involved after going through an informational presentation in the classroom. The demonstration activity was a fun way to explain the phrase “Clean, Drain, Dry”. Red Lake County Central won first place in the overall competition for the second year in a row! Congratulations!”

How Zebra Mussels Spread

1. Zebra mussels spread by water related equipment being exposed to zebra mussel infested waters & then transferred to lakes and other waters that are zebra mussel free.
2. Zebra mussel larvae (veligers) are free floating organisms that can spread through streams and other waterways using water currents.
3. Female zebra mussels can produce up to 1 million eggs per year.



Zebra mussels attached to a native mussel

The Clean, Drain, Dry Game

This game was played with 3rd graders but can be played with other grade levels

Get Ready:

1. Go through presentation and objectives in classroom with students.
2. Go to gym and get into 3 groups.

Get Started:

3. Each group represents a different way to Clean Drain Dry (C.D.D.).
4. First group of students gets into boats (1st group doesn't C.D.D. = zebra mussel infestation. Lakes lose diversity of fish & aquatic plants).
5. Second group gets into boats; only 1/2 C.D.D. (same result as group #1).
6. Third group gets into boats (all C.D.D. = no spread of zebra mussels).

Finish:

7. Return to classroom to reflect on game and take post quiz. (Majority of students scored a 94%+ on post quiz; some quiz questions below.)
8. Bobber cookies for a job well done!

Environmental Impacts

1. Zebra mussels filter water resulting in removal of food sources for native aquatic species.
2. Causes damage to boat engines by clogging the motor.
3. In locally infested waters, zebra mussels can clog intake pipes & filters, reducing water pumping capabilities for cities.

Q&A

- what do zebra mussels eat?

- how many lakes are infested in MN?

- what do zebra mussels look like?

- how do zebra mussels spread?

Objectives

- ★ Understanding how zebra mussels move through rivers & lakes
- ★ Understand why Clean, Drain, Dry is Important





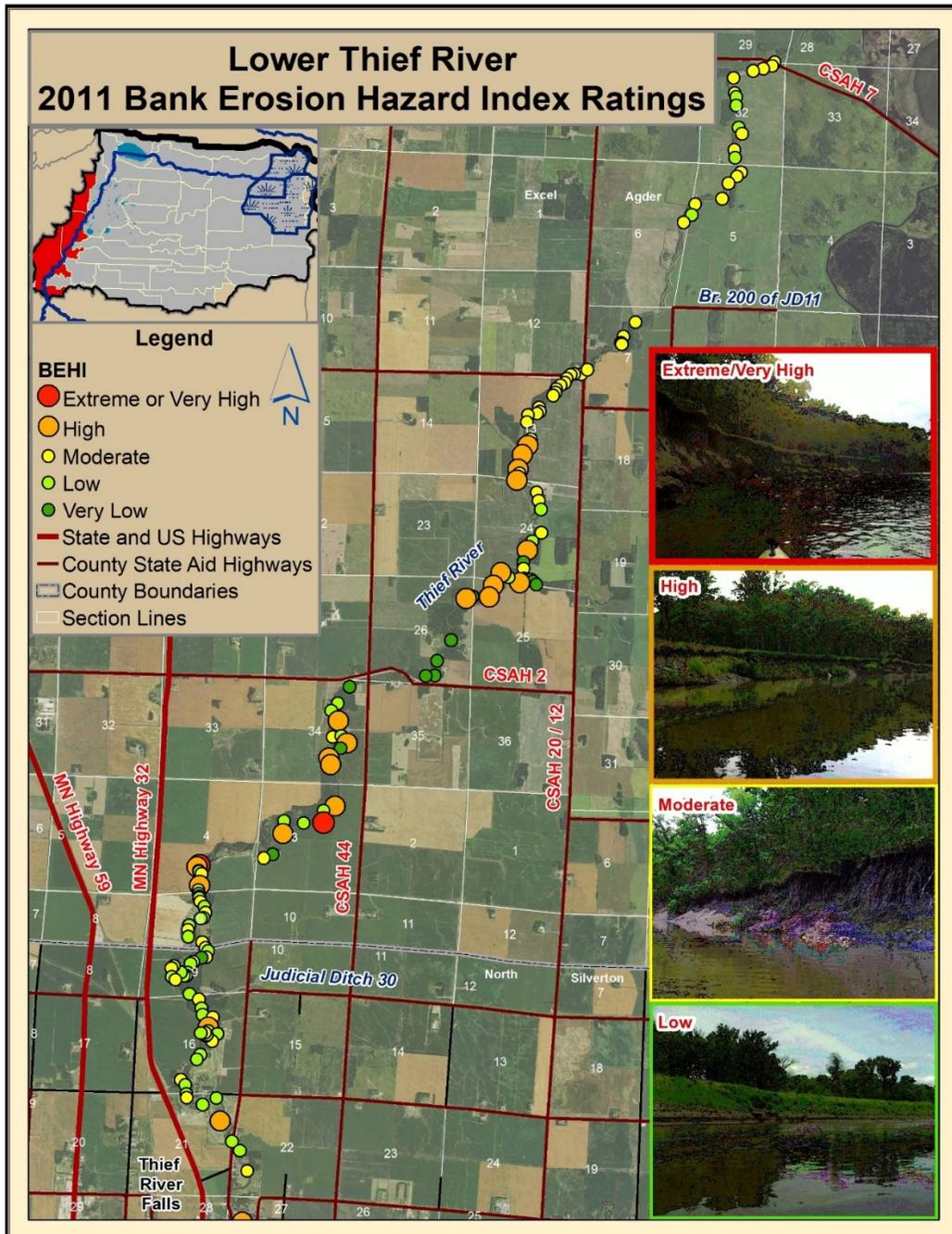


The International Water Institute published a Spring 2020 River Rendezvous newsletter with basin-wide updates for the River Watch and River of Dreams programs: <https://mailchi.mp/d8441d43ffe6/iwi-river-rendezvous-newsletter-spring-888306?e=b6f98d18cb>

A Red Lake County Central senior student in the River Watch program, Sidney Olson, was one of two recipients of the George (Bud) Sinner Scholarship awarded by International Water Institutes' Board of Directors.

Thief River One Watershed One Plan (1W1P)

Priority erosion problems along the State Ditch 83 portion of the Thief River were identified by a District engineering technician. Some of those erosion problems aligned with streambanks that had high Bank Erosion Hazard Index ratings during the Thief River Watershed Fluvial Geomorphology study. Those banks would have a relatively high priority for streambank stabilization projects that are funded by Thief River 1W1P watershed-based funding because there would also be ditch funds available to help pay for the work.



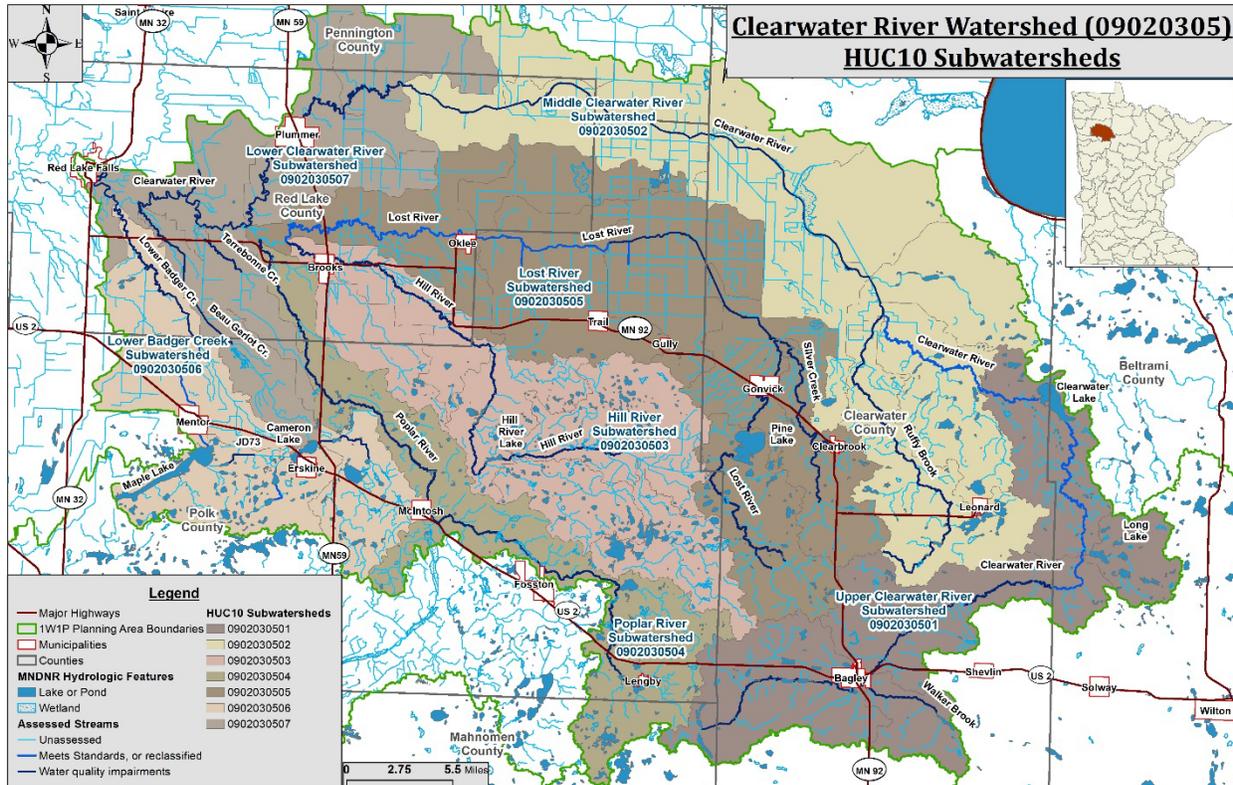
Red Lake River Watershed One Watershed One Plan

The 2020 Watershed-Based Funding Grant for the projects in the 2020-21 Red Lake 1W1P Annual Work Plan was executed in June 2020.

District staff examined an eroding streambank of the Red Lake River that has been washing away portions of the Voyageur's View campground and is threatening to do additional damage. This is one streambank erosion problem that could be addressed if 319 Small Watersheds Focus Grant funding is awarded to the watershed. District staff discussed the potential project and the possibility of some pre-project surveying with Red Lake SWCD staff.



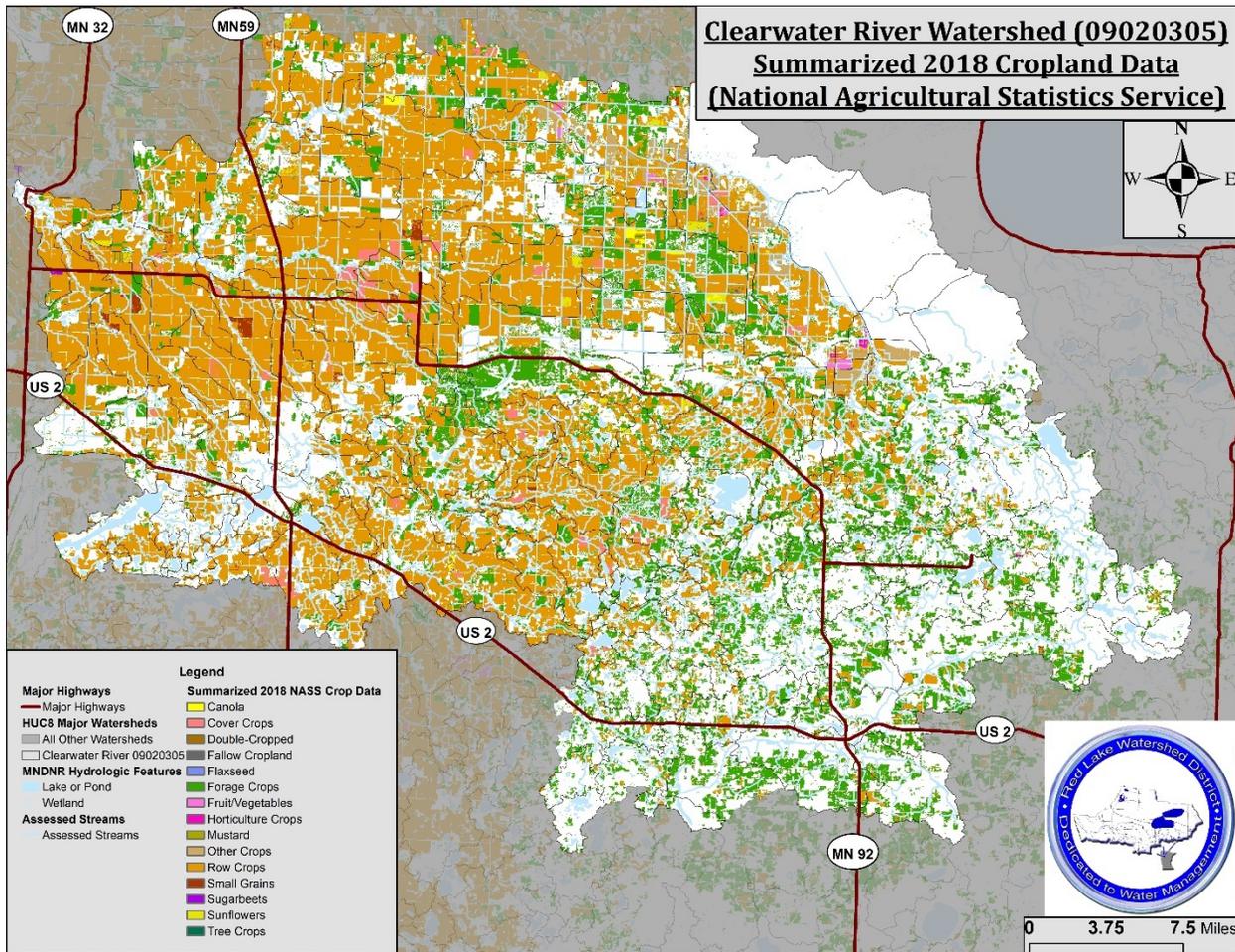
Clearwater River One Watershed One Plan (1W1P)



A phone conference of Planning Work Group (PWG) members was held on June 5, 2020. Clearwater SWCD staff compiled a draft application for funding and edited the application using comments from the PWG. RLWD staff created a map for the funding application. The Clearwater River 1W1P application for Watershed Based Funding for the Clearwater River was submitted on June 12, 2020.

Clearwater River Watershed Restoration and Protection Strategy (WRAPS)

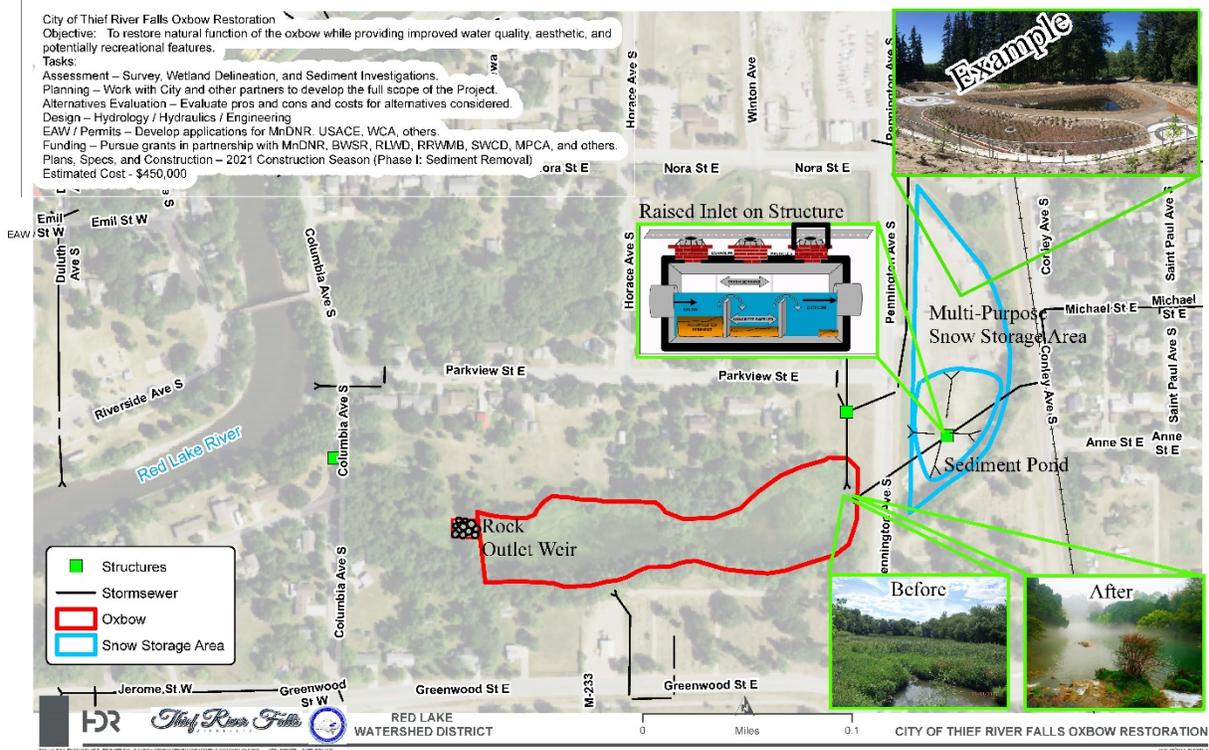
District staff edited the Clearwater River WRAPS report based on comments from an MPCA review of the spring 2019 version of the document. Some revisions were made to maps in the WRAPS report. New maps were created, based on a list of maps that were added by the MPCA to the final version of the Red Lake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



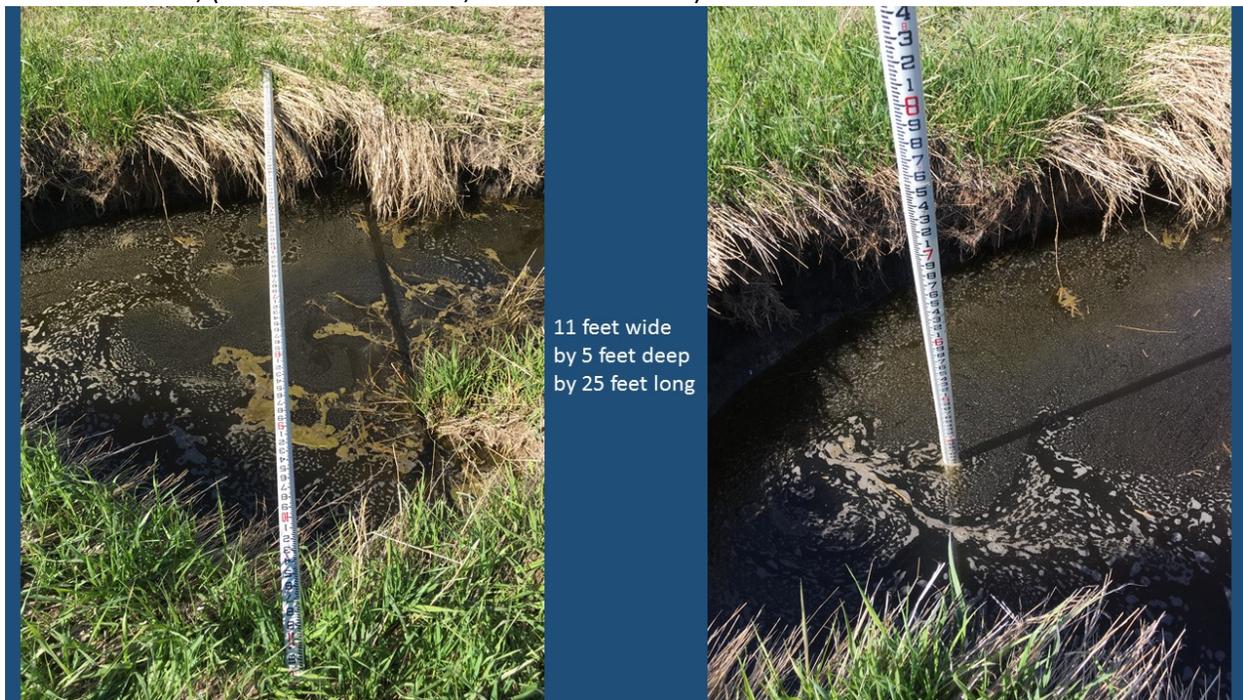
Other

- A water quality report for the month of April 2020 was completed:
<http://redlakewatershed.org/waterquality/MonthlyWQReport/2020%2004%20April%20Water%20Quality%20Report.pdf>
- A water quality report for the month of May 2020 was completed:
<http://redlakewatershed.org/waterquality/MonthlyWQReport/2020%2005%20May%20Water%20Quality%20Report.pdf>
- Stationary zebra mussel samplers (anchored segments of PVC pipe) were deployed in the Red Lake River at CSAH 27 and downstream of 420th Ave SE.
- District staff worked on an application for Red River Watershed Management Board baseline funding for the installation of side water inlets in the drainage area of the (future) Black River Impoundment and along RLWD Ditch 16.
- District staff also worked on an application for competitive Red River Watershed Management Board funding for water quality projects. This application sought partial funding for a project that will restore an oxbow wetland that has been filled with sediment from Thief River Falls stormwater runoff. The project will also install in-line hydrodynamic separator structures to remove garbage and sediment from stormwater, upstream of the planned pond restoration. A

settling pond will also be constructed upstream of the oxbow wetland to reduce sediment runoff from a snow disposal site.



- A District engineering technician reported that a large gully had formed at the Project 134 location, (near Burnham Creek, west of Crookston).



- The Clearwater County AIS program has deployed stationary zebra mussel samplers throughout the county, including the stormwater pond between Lake Lomond and the Clearwater River. A new concrete structure will divert flows around the existing channel to manipulate lake levels. The existing structure will be replaced with rock riffles to facilitate fish passage.
- Progress was made toward a project at the outlet of Pine Lake that will improve water management for flood retention as well as improving fish passage. District Engineering staff surveyed the channel near the Pine Lake outlet in June. Staff from the MN DNR and HDR Engineering have been involved with the design of the project.
- The CSAH 13 bridge over the Black River (downstream of the Shirrick Dam outlet) was replaced during the summer of 2020.
- An erosion problem in Huntsville Township, near the Red Lake River, was brought to the attention of District permitting staff. It appeared that the erosion at the outlet of a 36" pipe may be a recurring problem. Stabilizing the erosion at this location could be considered for inclusion in future Red Lake River 1W1P annual work plans.





Water quality related notes and minutes from the June 11, 2020 Red Lake Watershed District Board of Managers meeting.

- Engineer Nate Dalager, HDR Engineering, Inc., and Wayne Johnson, City of Thief River Falls, appeared before the Board to discuss the potential of the restoration of an oxbow located within the City of Thief River Falls. Dalager stated that it is an old oxbow that is now the home of cattails and seven feet of fill and lime sludge. Restoration of the oxbow would improve water quality, and phosphorus and chloride reduction, with the installation of a sediment pond. Johnson has spoken to the MnDNR, indicating that an Environmental Assessment Worksheet would be required. Johnson requested a partnership with the District, and potential of funding through the RRWMB as this would be a water quality project. Administrator Jesme stated that this project would be like the Bagley Urban Stormwater Project, RLWD Project No. 151. Manager Dwight recommended applying for a Clean Water Fund Application to assist in the funding of the project. Motion by Dwight, seconded by Sorenson, to approve the partnership with the City of Thief River Falls for the restoration of oxbow, to present the project to the RRWMB for funding of a Water Quality Project, RLWD Project No. 46. Upon roll call vote, motion carried unanimously.
- The Board reviewed the recent River Watch newsletter. Red Lake County won Gold 2 years in a row. Red Lake Falls was recognized for their 20 years of River Watch participation and Sidney Olson (RLCC) was awarded the first River Watch Scholarship in the amount of \$2,000. This is a great reflection of the District's program as well as Staff member Hitts' commitment in making sure the kids have ownership in the program.

Water quality related notes and minutes from the June 25, 2020 Red Lake Watershed District Board of Managers meeting.

- Rob Sip, Executive Director for the Red River Watershed Management Board (RRWMB) presented a 2019 Year in Review to the Board. Sip discussed the recent RRWMB newsletter where the Thief River Falls Westside FDR Project, RLWD Project No. 178 was highlighted. Sip discussed the development of progress indicators, comparison of costs from now to 2017, strategic costs, new vision statement and the adoption of the water quality program. Each local Watershed District within the RRWMB, can apply for water quality funding up to \$100,00 for base funding, with a required match of 25%. Sip indicated that the RRWMB will also have a Competitive Grants Program for water quality projects that will also require a local match. A Water Quality Committee has been formed to review and recommend projects for funding to the full RRWMB. The 2019 Audit has been completed and is available for review on the RRWMB website. Sip discussed the 2021 levy and budget process and recent legislative session.
- The Clearwater River 1W1P application for Watershed Based Funding for the Clearwater River was submitted on June 12, 2020.
- Administrator Jesme stated that the District has received their U.S. Army Corps of Engineers permit for construction of the Black River Impoundment.

June 2020 Meetings and Events

- **June 5, 2020** – Clearwater River 1W1P Planning Work Group (steering committee) Conference Call
- **June 5, 2020** – PTMApp conference call
- **June 9, 2020** – Thief River 1W1P Planning Work Group teleconference
- **June 17, 2020** – Thief River 1W1P Planning Work Group teleconference
 - The annual workplan has been approved by BWSR staff.
 - The PWG reviewed the implementation schedule.
 - The PWG reviewed the cost-share policy, including pre-construction cover requirements and payments to landowners for temporary cover plantings instead of crop plantings.
 - The tracking of projects using ArcOnline was discussed.
 - A future Policy Committee meeting was discussed. The meeting will be mostly virtual with an in-person option for committee members that are unable to attend virtually.

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.