

# RED LAKE WATERSHED DISTRICT

May 23, 2024

9:00 a.m.

## Agenda

9:00 a.m.	Call to Order	Action
	Review and approve agenda	Action
	Requests to appear	Information
	May 9, 2024 Minutes	Action
	Financial Report dated May 22, 2024	Action
	RLWD Project No. 52, Elm Lake/Farmes Pool Sluice Gate Replacement - Quotes	Info/Action
	Drees/Stock Bank Stabilization Sites, Thief River 1W1P, RLWD Project No. 149A-Cost Estimates	Info/Action
	Set Bid Opening Date – June 28, 2024, 9:30 am	Info/Action
	State Ditch 83 Flooding Concerns-Project Team Membership Project Team Meeting - June 18, 2024, 2:00 p.m.	Info/Action
	Good Lake, RLWD Project No. 67-Maintenance	Info/Action
	Pine Lake Buoy, RLWD Project No. 26B	Information
	East Polk SWCD Lake Monitoring	Info/Action
	Denied Permit: No. 24044 – Garnes Township, Red Lake County	Info/Action
	Permit Extension: RLWD Permit No. 23026, Poplar River, Red Lake Co.	Info/Action
	Permit Extension: RLWD Permit No. 23033, Fairfax, Polk County	Info/Action
	Permit Extension: RLWD Permit No. 23036, Fairfax Polk County	Info/Action
	Permits: 24025, 24027, 24029, 24030, 24032, 24043, 24045, 24046, 24047, 24051, 24053, 24054, and 24055	Info/Action
	River Ecology Unit 2024 Workshop-DNR-August 12-14, 2024	Info/Action
	Red Lake River 1W1P, RLWD Project No. 149 - Grant Funds	Info/Action
	Administrator's Update	Information

Legal Counsel Update

Information

Managers Update

Information

Adjourn

Action

UPCOMING MEETINGS:

May 23, 2024 RLWD Board Meeting, 9 am  
May 27, 2024 Memorial Day Holiday - *RLWD Office Closed*  
June 13, 2024 RLWD Board Meeting, 9 am  
June 18, 2024 RRWMB Meeting, Ada, 10 am  
June 18, 2024 SD 83 Flooding Concerns Project Team meeting, 2:00 pm  
June 19, 2024 Juneteenth Holiday - *RLWD Office Closed*  
June 25-26, 2024 MN Watershed Summer Tour, St. Paul, MN  
June 28, 2024 RLWD Board Meeting, 9 a.m. *Note Change of Date*

RED LAKE WATERSHED DISTRICT  
Board of Manager's Minutes  
May 9, 2024

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

Managers Present: Gene Tiedemann, Terry Sorenson, Tom Anderson, LeRoy Ose, Allan Page, Grant Nelson, and Brian Dwight. Staff Present: Tammy Audette, Melissa Bushy, Elaine Rychlock, Erick Huseeth, Tony Olson, and Legal Counsel, Delray Sparby. Guests: Brian Opsahl, Darrold Rodahl, Gary Kiesow, Tony Nordby, and Nate Dalager.

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

The Board reviewed the April 25, 2024, Board meeting minutes. A motion was made by Dwight, seconded by Nelson, to approve the April 25, 2024, Board meeting minutes, as presented. Motion carried.

The Board reviewed the Financial Report dated May 8, 2024. A motion was made by Anderson, seconded by Sorenson, to approve the Financial Report dated May 8, 2024, as presented. Motion carried.

Administrator Audette reviewed the ACH handout in the board packet. A motion was made by Sorenson, seconded by Page, to approve the ACH monthly on-line payments as listed. Motion carried.

Brian Opsahl, Brady Martz & Associates, P.A., presented the 2023 Annual Audit Report. After various questions by the Board, a motion was made by Ose, seconded by Anderson, and passed by unanimous vote that the Board approve the 2023 Annual Audit Report, as presented.

Engineer Tony Nordby, Houston Engineering, Inc. updated the Board on a potential project on the Clearwater River located in Section 22 and 27, Greenwood Township, Clearwater County, as part of the Clearwater River 1W1P, RLWD Project No. 149B. The project could consist of the installation of rock riffles and rock arch rapids to reduce velocity and head cutting of the river channel.

Administrator Audette reviewed the Drees/Stock Bank Stabilization Projects, Thief River 1W1P, RLWD Project No. 149A. Administrator Audette stated that the final numbers should be available for the next board meeting.

Administrator Audette reached out to Andrew Graham, MnDNR, to inquire on Facilitation Services for the SD 83 Flooding Concerns Project Work Team. Moriya Rufer, Houston Engineering, was also a possible option to use for Facilitation Services. After considerable

discussion, the board suggested Audette work with Moriya Rufer, Houston Engineering, for the SD 83 Project Work Team Facilitation Services.

Administrator Audette discussed the improvements needed for Polk County Ditches 104, 61, 47, 94, RLWD Project No. 119. The ditch improvement was completed in 1996-1997, with no major repairs since then. Audette stated that there is a considerable sediment buildup and blocked culverts, recommending that District staff complete a survey to determine the amount of sediment that needs to be removed. A motion was made by Page, seconded by Dwight, to approve a survey of Polk County Ditches 104, 61, 47, 94, RLWD Project No. 119, to determine the appropriate actions required. Motion carried.

Administrator Audette reviewed two quotes for the repair of the District's office parking lot. Option 1 was from E & A Services LLP with a cost of \$10,184.97. Option 2 was from Advanced Striping with a cost of \$15,116.00. After discussion by the Board, a motion was made by Sorenson, seconded by Nelson, to accept the quote from E & A Services LLP for RLWD parking lot repairs at an estimated cost of \$10,184.97. Motion carried.

The Board reviewed the permits for approval. A motion was made by Ose, seconded by Page, to approve the following permits with conditions stated on the permit; No. 24026, Shirley Odegaard, River Falls Township, Pennington County; No. 24033, Pennington County, Rocksbury Township, Pennington County; No. 24034, Pennington County, Smiley Township, Pennington County; No. 24035, Kjell Johnsrud, Kratka Township, Pennington County; No. 24037, Jeffrey Bachand Revocable Trust, Lambert Township, Red Lake County; No. 24038, Black Gold Farms, Lambert Township, Red Lake County; No. 24039, Brian Lundeen, Smiley Township, Pennington County; No. 24040, Allen Vettleson, Deer Park Township, Pennington County; No. 24041, James Abeld, Wylie Township, Red Lake County, and No. 24042, Halverson Family Holdings LLLP, Lambert Township, Red Lake County. Motion carried.

The 2024 MN Watersheds' Summer Tour will be held June 25-26, 2024, in St. Paul, MN. Please let staff member Bushy know if you are planning to attend and she will get your hotel room and register you for the tour. Our second board meeting in June is scheduled for June 27. After much discussion, a motion was made by Ose, seconded by Anderson, to move the June 27, 2024, board meeting to June 28, 2024 at 9:00 A.M. at the Red Lake Watershed District's office. Motion carried.

Administrator Audette discussed a petition drafted by the City of Thief River Falls, to be presented to Pennington County for the Chief's Coulee, RLWD Project No. 46S. The petition requests the use of Pennington County Ditch 70 as an outlet for the Chief's Coulee Project. A motion was made by Nelson, seconded by Page, to approve the RLWD Administrator to sign the petition to Pennington County, as drainage authority, for the use of Pennington County Ditch 70 as an outlet for a portion of the Chief's Coulee Project. Motion carried.

Administrator Audette discussed a Lessard Sam Outdoor Heritage Council (LSOHC) funding application for the Mud River Project, RLWD Project No. 180C. The LSOHC funding application is due May 24, 2024. Jim Graham, USFWS, will work on the application along with

the help of Nate Dalager, HDR Engineering, Inc. Audette stated that the application needs to be submitted on behalf of the Red Lake Watershed District. A motion was made by Ose, seconded by Anderson, to approve submittal of the LSOHC funding application for the Mud River Project, RLWD Project No. 180C. Motion carried.

Nate Dalager, HDR Engineering, Inc., provided an update and proposal for the Turtle Cross Connection Project, RLWD Project No. 114. A motion was made by Sorenson, seconded by Anderson, to approve Task Order #3 for the Turtle Cross Connection Project, RLWD Project No. 114. Motion carried.

Administrators Update:

- **Pine Lake levels:** Elevation of Pine Lake on 5/3/24 was 1,283.95. The data collection buoy will be installed on Friday. The summer target elevation is 1,283.5. As per the operating plan, stoplogs can stay at the current elevation until the elevation is over 1,284. Staff recently removed debris from the fish passage.
- **Pine Lake Project** – Phase 2. District staff is working on landowner signatures for the easements. One landowner is concerned about the removal of any trees. This issue may need to be re-addressed after the pre-construction meeting which is scheduled for May 29<sup>th</sup> at 10:00 a.m. on-site.
- **New Vehicle:** The District received the 2024 Chevy from Thiberts last week. District staff will need to have mud flaps, running boards and a box liner installed.
- **Black River Impoundment:** Myron Jesme was in the office last week to assist in close-out of the Black River Impoundment funding. The District was not able to close out the funding until we received the FEMA funds. Documents will be submitted to the RRWMB within the next week.

A motion was made by Ose, seconded by Sorenson, to adjourn the meeting. Motion carried.

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LeRoy Ose, Secretary

**OPINION OF PROBABLE COST**  
**THIEF RIVER STREAMBANK STABILIZATION PROJECT (DREES & STOCK SITES)**  
**MARSHALL COUNTY, MN**  
**RED LAKE WATERSHED DISTRICT**  
**5/22/2024**

Item No.	Item	Unit	Quantity	Unit Price	Total Costs
2021.501	MOBILIZATION	LUMP SUM	1	\$ 15,000.00	\$ 15,000.00
2101.501	CLEARING AND GRUBBING	LUMP SUM	1	\$ 25,000.00	\$ 25,000.00
2106.507	EXCAVATION - COMMON (P)	CU. YD.	2,987	\$ 8.00	\$ 23,896.00
2106.507	COMMON EMBANKMENT (P) (CV)	CU. YD.	979	\$ 12.00	\$ 11,748.00
2511.507	RANDOM RIPRAP CLASS III	CU. YD.	1,204	\$ 120.00	\$ 144,480.00
2573.503	FLOATATION SILT CURTAIN TYPE MOVING WATER	LIN. FT.	150	\$ 25.00	\$ 3,750.00
2573.503	SEDIMENT CONTROL LOG TYPE STRAW	LIN. FT.	3,466	\$ 3.50	\$ 12,131.00
2575.501	TURF ESTABLISHMENT	LUMP SUM	1	\$ 10,000.00	\$ 10,000.00
2577.601	TOE-WOOD DEBRIS	CU. YD.	1,003	\$ 65.00	\$ 65,195.00
2577.601	SOD MAT	SQ. YD.	601	\$ 35.00	\$ 21,035.00
<b>TOTAL CONSTRUCTION COST</b>					<b>\$ 332,235.00</b>

## SD 83 Flooding Concerns Project Work Team

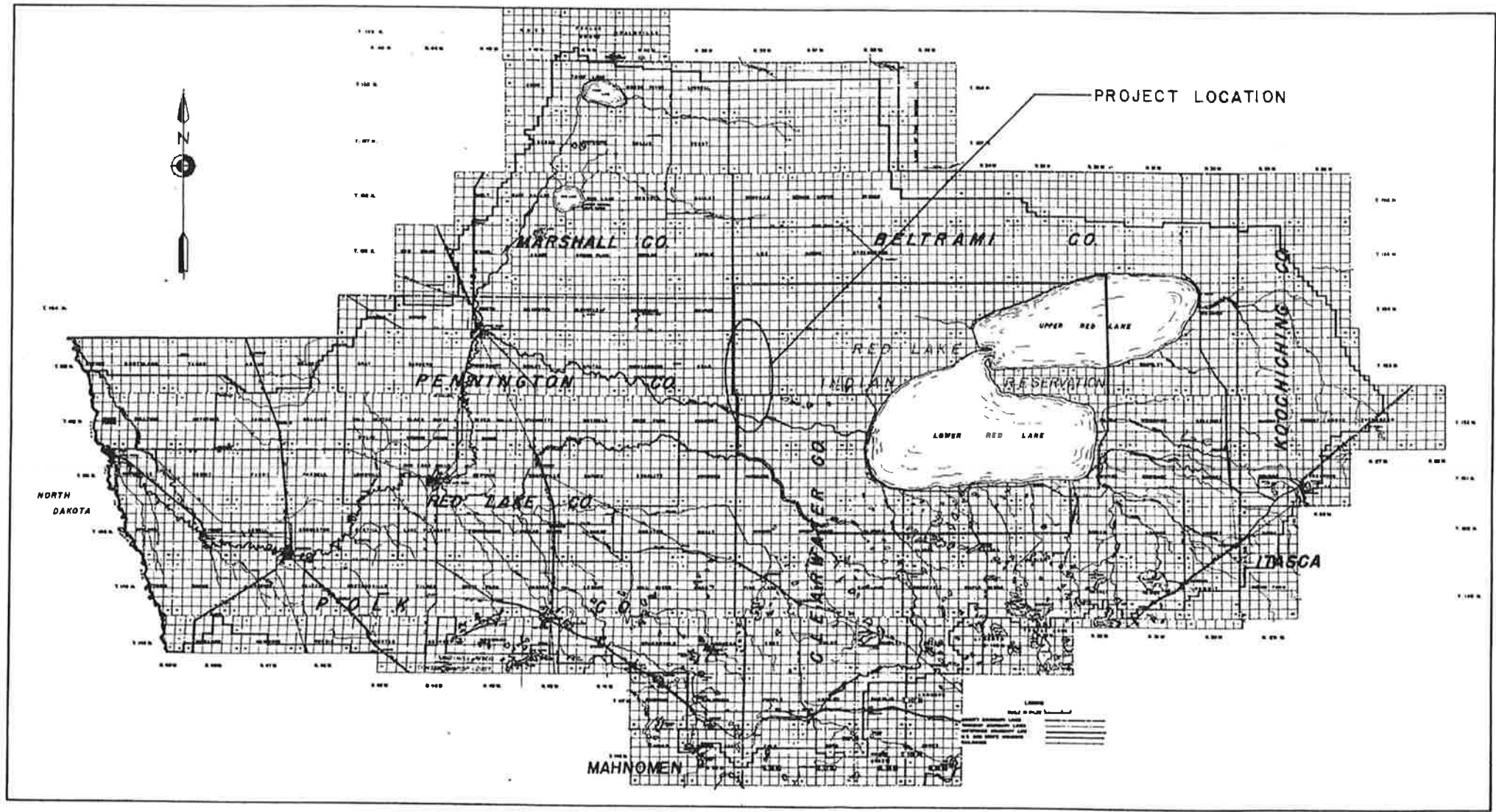
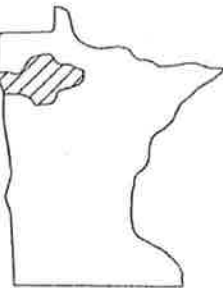
Agency/Association	Name	Email	Phone
Ducks Unlimited	Jon Schneider	<a href="mailto:jschneider@ducks.org">jschneider@ducks.org</a>	
Marshall County SWCD	Darren Carlstrom Randy Larson	<a href="mailto:darren.carlson@mn.nacdnet.net">darren.carlson@mn.nacdnet.net</a>	
Marshall County	Lon Aune	<a href="mailto:lon.aune@co.marshall.mn.us">lon.aune@co.marshall.mn.us</a>	
Marshall County Env.	Josh Johnston	<a href="mailto:josh.johnston@co.marshall.mn.us">josh.johnston@co.marshall.mn.us</a>	
Marshall County Commissioner	Gary Kiesow	<a href="mailto:gary.kiesow@co.marshall.mn.us">gary.kiesow@co.marshall.mn.us</a>	
BWSR	Matt Fischer	<a href="mailto:matt.fischer@state.mn.us">matt.fischer@state.mn.us</a>	
BWSR – Wetland Specialist	Lynda Ponting	<a href="mailto:lynda.ponting@state.mn.us">lynda.ponting@state.mn.us</a>	
DNR	Stephanie Klamm Doug Franke	<a href="mailto:stephanie.klamm@state.mn.us">stephanie.klamm@state.mn.us</a> <a href="mailto:douglas.franke@state.mn.us">douglas.franke@state.mn.us</a>	
MPCA	Zach Gutknecht	<a href="mailto:zachrie.gutknecht@state.mn.us">zachrie.gutknecht@state.mn.us</a>	
Red Lake Band of Chippewa Indians	Darrell Seki		
U.S. Army Corps of Engineers	Craig Jarnot Lawrence Puchalski	<a href="mailto:craig.l.jarnot@usace.army.mil">craig.l.jarnot@usace.army.mil</a> <a href="mailto:lawrence.s.puchalski@usace.army.mil">lawrence.s.puchalski@usace.army.mil</a>	
USDA Farm Service Agency	Nathan Peterson	<a href="mailto:nathan.peterson@usda.gov">nathan.peterson@usda.gov</a>	
USFWS	Jim Graham	<a href="mailto:james_graham@fws.gov">james_graham@fws.gov</a>	
USDA Natural Resource Conservation Service	Kathy Fillmore	<a href="mailto:kathy.fillmore@usda.gov">kathy.fillmore@usda.gov</a>	
RRWMB/MnDNR	Andrew Graham	<a href="mailto:andrew.graham@state.mn.us">andrew.graham@state.mn.us</a>	
MN Dept of Health	Dan Disrud	<a href="mailto:dan.disrud@state.mn.us">dan.disrud@state.mn.us</a>	
City of Thief River Falls	Wayne Johnson	<a href="mailto:wjohnson@citytrf.net">wjohnson@citytrf.net</a>	

RLWD	LeRoy Ose	<a href="mailto:leroy.ose@redlakewatershed.org">leroy.ose@redlakewatershed.org</a>	
RLWD	Grant Nelson- ALT	<a href="mailto:grant.nelson@redlakewatershed.org">grant.nelson@redlakewatershed.org</a>	
Houston Engineering, Inc.	Tony Nordby	<a href="mailto:tnordby@houstoneng.com">tnordby@houstoneng.com</a>	
Agency/Association	Name	Email	Phone
East Valley Township	Lonnie Larson		218-686-6604
East Valley Township	David Myhrer		218-684-1913
Agder Township	Jeremy Nelson	<a href="mailto:jnelson31472@hotmail.com">jnelson31472@hotmail.com</a>	218-689-6737
Cedar Township	Nathan Bukowski	<a href="mailto:bukowskifarms@gmail.com">bukowskifarms@gmail.com</a>	218-688-0058
Landowner	Mitch Stanley		218-689-4940
Landowner	Trent Stanley	<a href="mailto:mstanley@gvtel.com">mstanley@gvtel.com</a>	
Landowner	Brad Lunke	<a href="mailto:lunkesinc@gmail.com">lunkesinc@gmail.com</a>	218-686-9378
Landowner	Lars Dyrud		218-689-6264
Landowner	Terry Beich		701-741-9073
Landowner	Dave Rodahl	<a href="mailto:drodahl@gvtel.com">drodahl@gvtel.com</a>	218-684-4830
Landowner	Darold Rodahl	<a href="mailto:dkrodahl@wikel.com">dkrodahl@wikel.com</a>	218-681-7025 218-689-4374
Landowner	Patrick Erickson	<a href="mailto:bemidjigamefarm@hotmail.com">bemidjigamefarm@hotmail.com</a>	218-333-1314

RED LAKE WATERSHED DISTRICT  
GOOD LAKE PROJECT  
STAGE-2F

INDEX OF SHEETS

Sheet 1	Title Sheet
Sheet 2	Location and Soils
Sheet 3	Quantities
Sheets 4, 5, 6, 7, 8	General Plan and Section Principal Outlet
Sheets 9, 10, 11	Principal Outlet Details
	Secondary Outlet Details



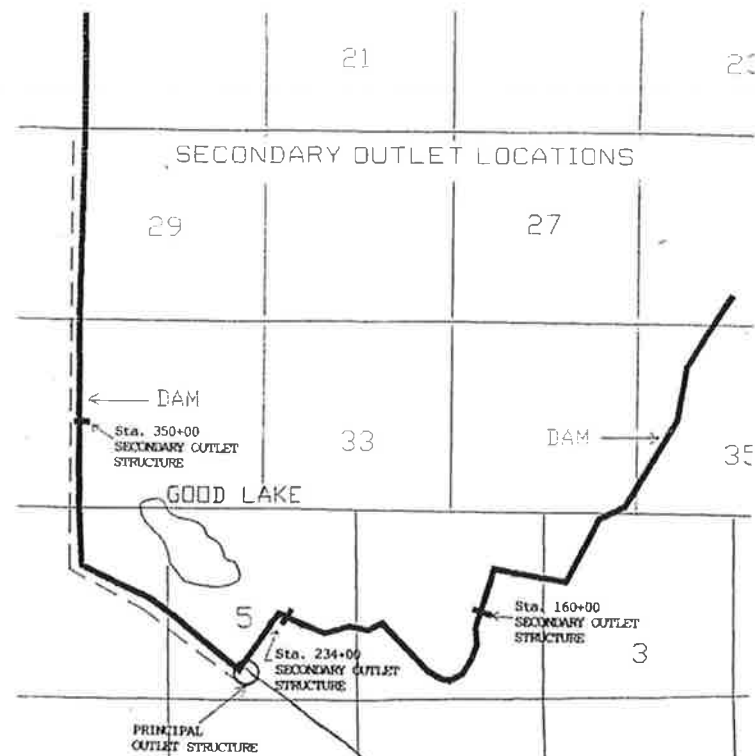
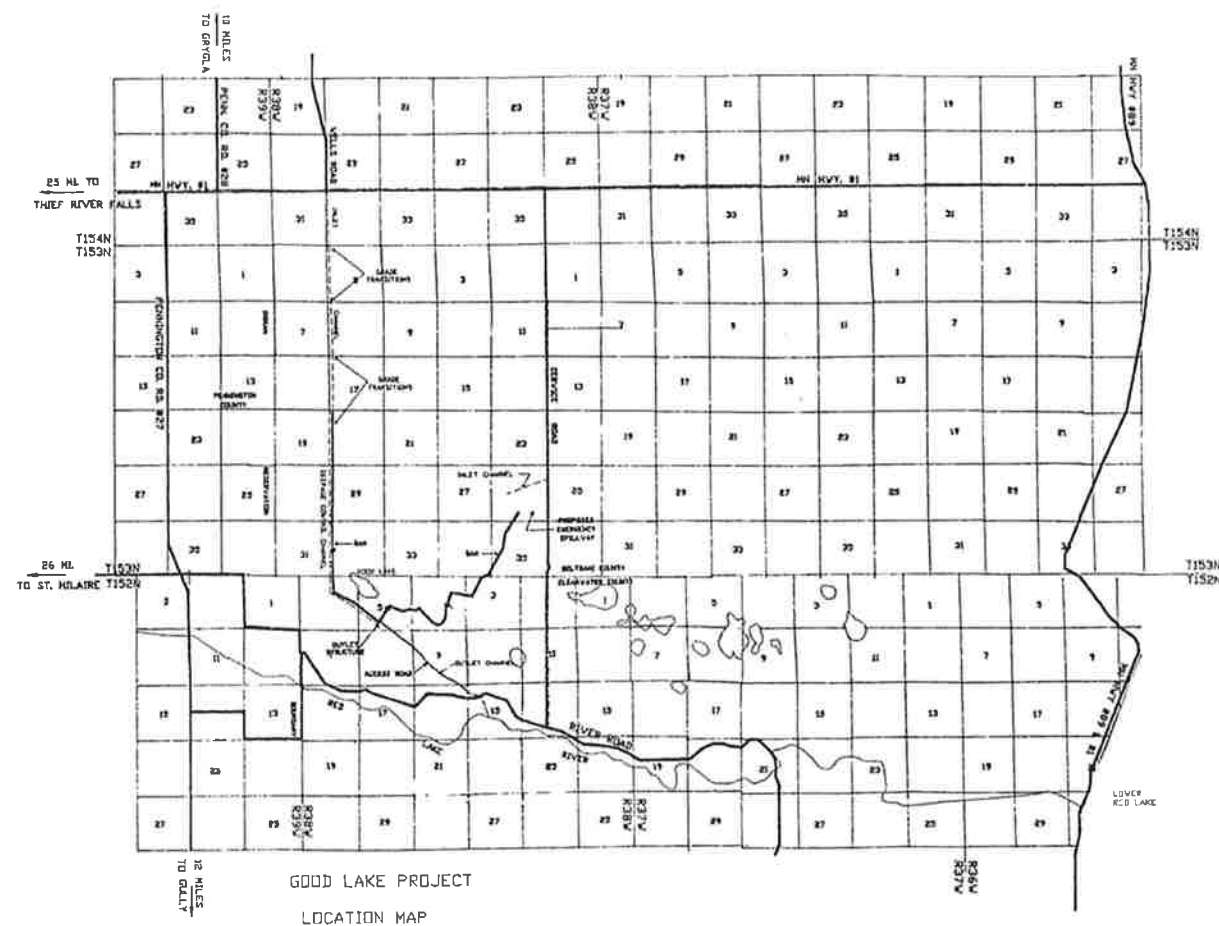
I HEREBY CERTIFY THAT THIS PLAN  
WAS PREPARED BY ME OR UNDER MY  
DIRECT SUPERVISION AND THAT I AM  
A DULY REGISTERED PROFESSIONAL  
ENGINEER UNDER THE LAWS OF THE  
STATE OF MINNESOTA.

*Kevin Adolph*  
DISTRICT ENGINEER

DATE 8-27-92 REG. NO. 20246

-- SPECIFICATIONS --

THE 1988 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION  
"STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN.



JOB NO. 4220 90-1446 VERTICAL SCALE 1" = 4' BORING NO. 124  
 PROJECT GOOD LAKE PROJECT - GOOD LAKE, MINNESOTA

DEPTH FEET	DESCRIPTION OF MATERIAL	GEOLOGIC ORIGIN	N OF CB	SAMPLE ML NO. TYPE	LABORATORY TESTS
	SURFACE ELEVATION 1170.3				U D LL PL
1.0	CLAYEY SAND, brownish gray, soft, a lense of black peat at the surface (SC)	Mixed*		1 SB	
3.0	SILTY SAND W/GRAVEL, medium to fine grained, brown and gray, waterbearing, very loose to loose (SM)	Coarse Alluvium	1	2 SB	
4.0	FAT CLAY, brown and gray mottled, medium (CH)	Fine*	5	3 SB	
7.0	SANDY LEAN CLAY W/A LITTLE GRAVEL, brown and gray mottled, rather stiff (CL)	Till		4 SB	
	SANDY LEAN CLAY W/A LITTLE GRAVEL, brown mottled, rather stiff to stiff (CL)		11	5 SB	
			14	6 SB	
14.0	SANDY LEAN CLAY W/A LITTLE GRAVEL, gray, rather stiff (CL)		18	7 SB	
			17	8 SB	
			10	9 SB	
18.0	CLAYEY SAND W/A LITTLE GRAVEL, gray, very stiff, a few lenses of sand and silty sand (SC)		77	10 SB	
21.0	End of Boring	*Alluvium			

NOTE: 3T Sample obtained at depth of  
2'-4' from offset borehole

WATER LEVEL MEASUREMENTS						START 6-26-90	COMPLETE 6-26-90
DATE	TIME	SAMPLED DEPTH	CASING DEPTH	CAVE-IN DEPTH	BAILED DEPTHS	WATER LEVEL	METHOD
6-26	10:50	6'	4.5'	5'		3.5'	3 1/4" HSA 0' - 19.5'
6-26	11:40	21'	19.5'	20'		None	
6-26	11:50	21'	None	3'		None	
6-26	7:30	21'	None	3'		1'	CREW CHIEF L. Brabender

twin city testing  
corporation

CONTROL STRUCTURE LOCATION SCHEDULE			
LOCATION	PIPE SIZE	TYPE	LENGTH
160+00	24"	CSP	76'
234+00	24"	CSP	68'
256+70	30"	Struct. Steel	120'
	4"	PE	30'
	6"	CSP	20'
	60"	RCP	8'
350+00	24"	CSP	76'

LOG OF TEST BORING

JOB NO. 4220 88-461 VERTICAL SCALE 1" = 3' BORING NO. 14  
 PROJECT GOOD LAKE PROJECT - RED LAKE WATERSHED DISTRICT

DEPTH IN FEET	DESCRIPTION OF MATERIAL	GEOLOGIC ORIGIN	N	WL	NO.	TYPE	LABORATORY TESTS				
							W	D	LL	PL	Qu
	SURFACE ELEVATION 1175.1+										
	FILL, MIXTURE OF PEAT AND SILTY SAND, black and brown	FILL			1	HSA					
5.1	FIBRIC PEAT, dark brown, moist to wet (PT)	SWAMP DEPOSITS	1.2		2	SB					
10	SAND W/SILT, fine to medium grained, gray, waterbearing, medium dense (SP-SM)	COARSE ALLUVIUM	1.1		3	SB					
12.1	SANDY LEAN CLAY W/A LITTLE GRAVEL, gray, soft (CL)	TILL									
16	End of Boring		4		4	SB					

WATER LEVEL MEASUREMENTS

DATE	TIME	BAILED DEPTH	CASING DEPTH	CAVE-IN DEPTH	BAILED DEPTHS	WATER LEVEL
5-18	10:30	11'	9.1'	10'	9.1'	9.1'
5-18	10:35	16'	14.1'	16'	None	None
5-18	10:40	16'	None	7'	None	None

START 5-18-88 COMPLETE 5-18-88

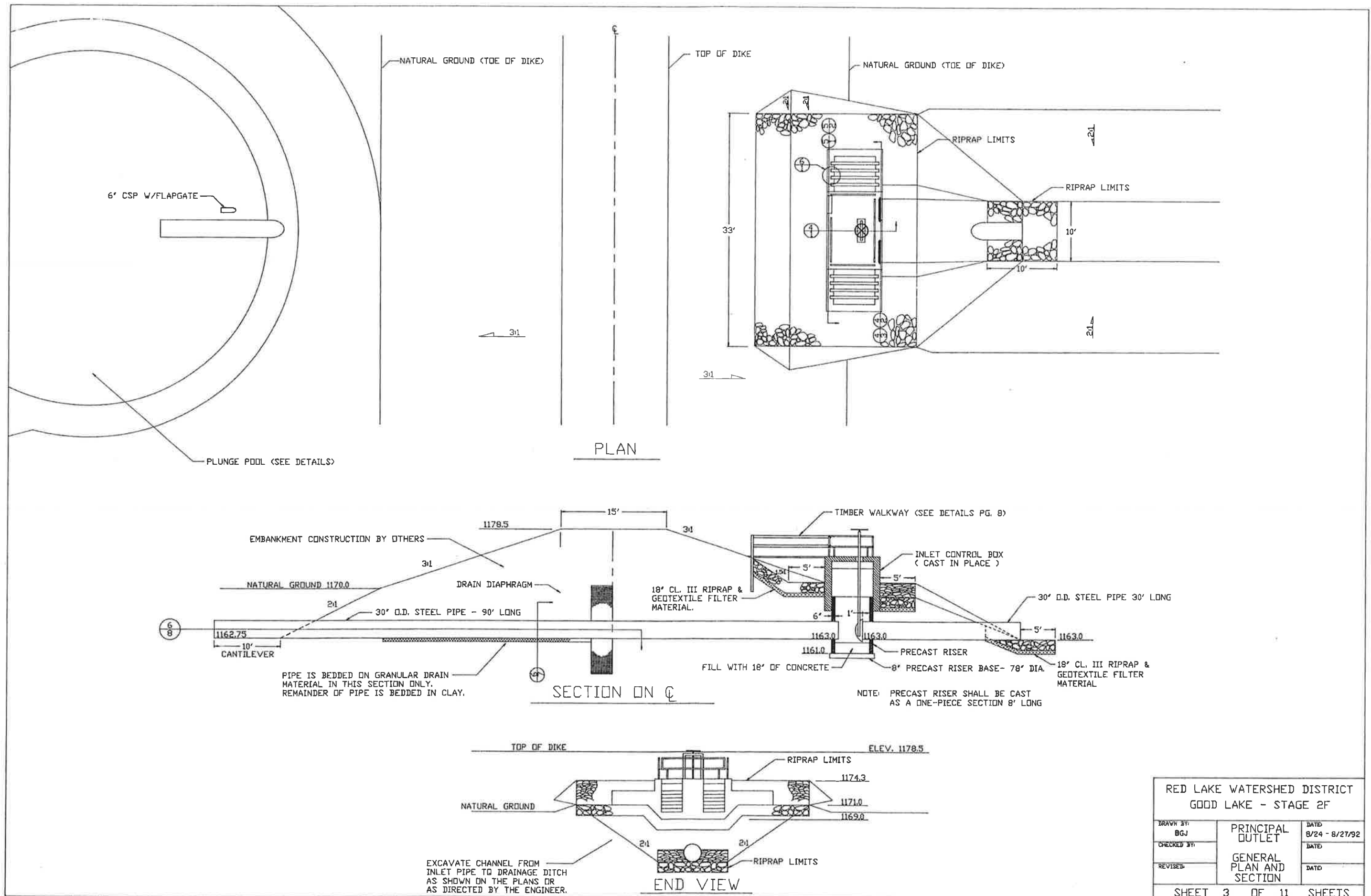
METHOD HSA 0-14.1' 10:35

CREW CHIEF Kulhanek

TWIN CITY TESTING  
CORPORATION

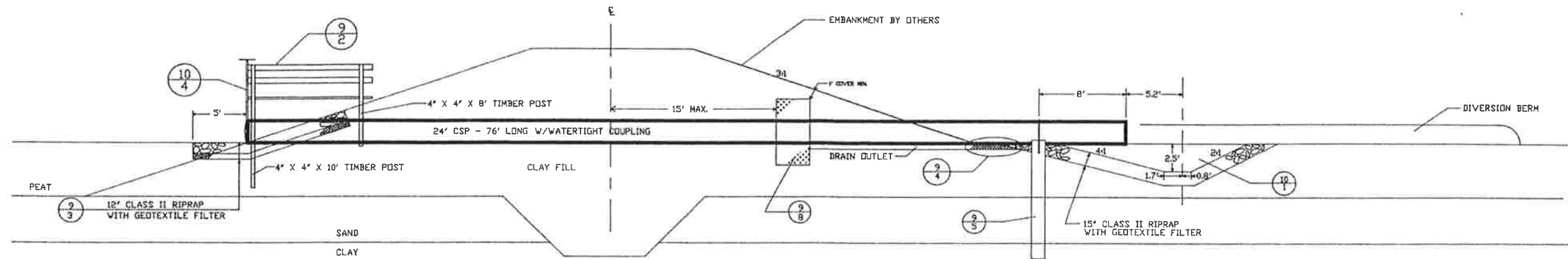
88-12377-Ru-3

RED LAKE WATERSHED DISTRICT GOOD LAKE OUTLET STRUCTURE		
DRAWN BY BGJ	LOCATION MAP AND SOIL DATA	DATE 8/24-4/27/92
CHECKED BY		DATE
REVISED		DATE
SHEET 1 OF 11 SHEETS		

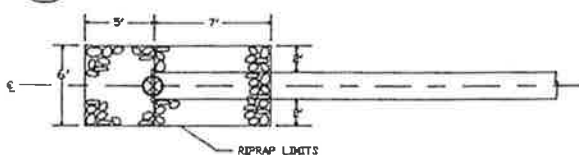


RED LAKE WATERSHED DISTRICT GOOD LAKE - STAGE 2F		
DRAWN BY: BGJ	PRINCIPAL OUTLET  GENERAL PLAN AND SECTION	DATE 8/24 - 8/27/92
CHECKED BY:		DATE:
REVISED:		DATE:
SHEET 3 OF 11		SHEETS

# TYPICAL SECTION - SECONDARY OUTLET (STA. 160+00 & 350+00)



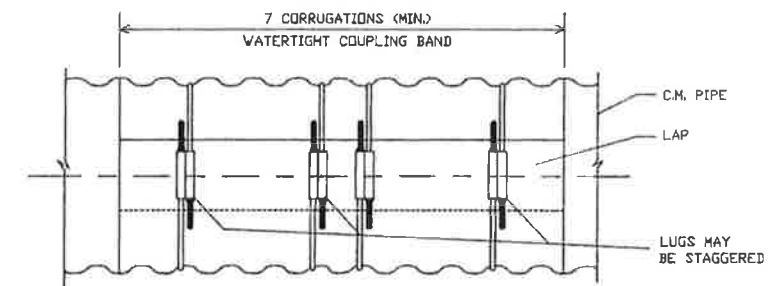
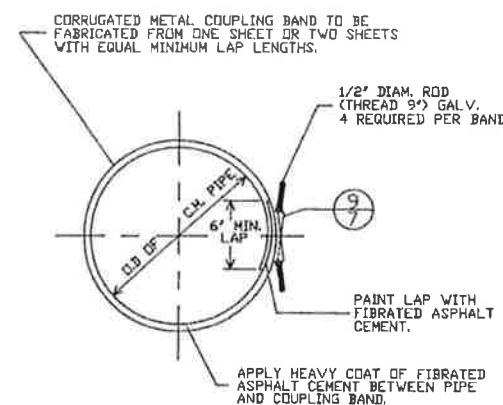
9/3 INLET RIPRAP DETAIL



NOTE: 76' LONG CSP. TO BE MADE UP OF 2-30' SECTIONS AND 1-16' SECTION OR ANY COMBINATION WITH NO MORE THAN TWO JOINTS. PIPE ENDS AT ALL JOINTS TO HAVE ANNULAR RINGS.

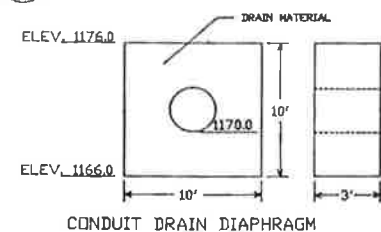
9/1 DETAIL OF WATERTIGHT COUPLING BAND

(NO SCALE)

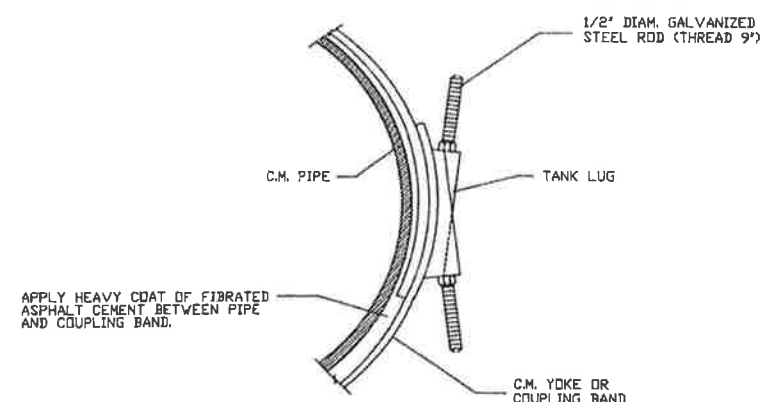
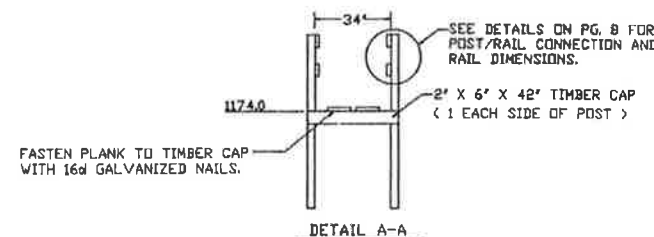
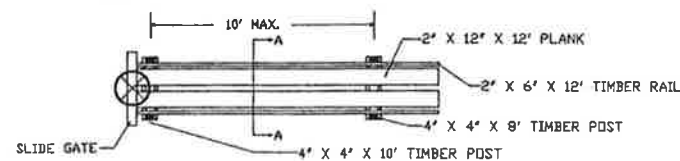


NOTE: THE WATERTIGHT COUPLINGS SHALL BE CONSTRUCTED AS SHOWN IN THE PLANS OR AS PER MANUFACTURERS RECOMMENDATIONS ON ENGINEER APPROVED ALTERNATIVES.

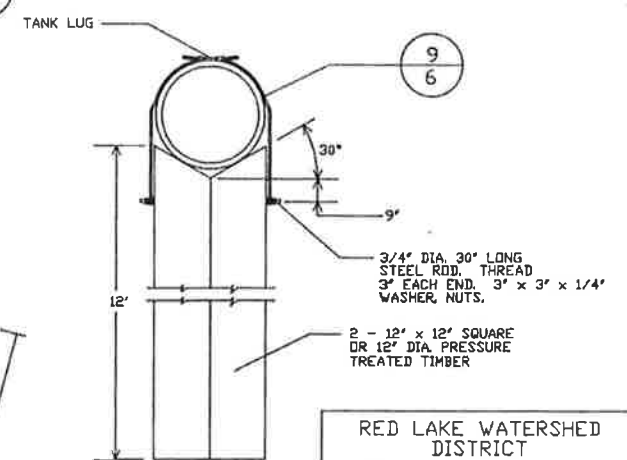
9/8 DIAPHRAGM DETAIL



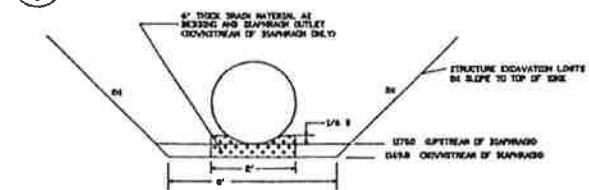
9/2 WALKWAY DETAIL



9/5 TIMBER PROP DETAIL

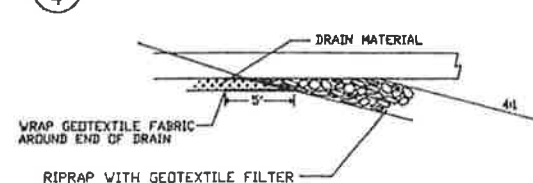


9/9 EXCAVATION AND DRAIN DETAIL

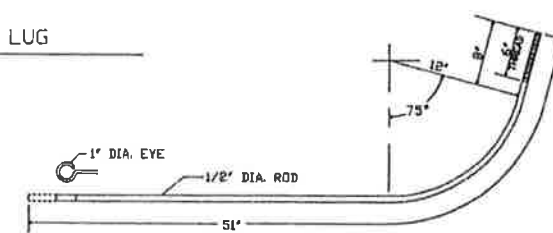


NOTE: PIPES SHALL BE BEDDED IN CLAY MATERIAL UPSTREAM OF DRAIN DIAPHRAGMS AND IN DRAIN MATERIAL DOWNSTREAM OF DIAPHRAGMS.

9/4 DRAIN OUTLET DETAIL



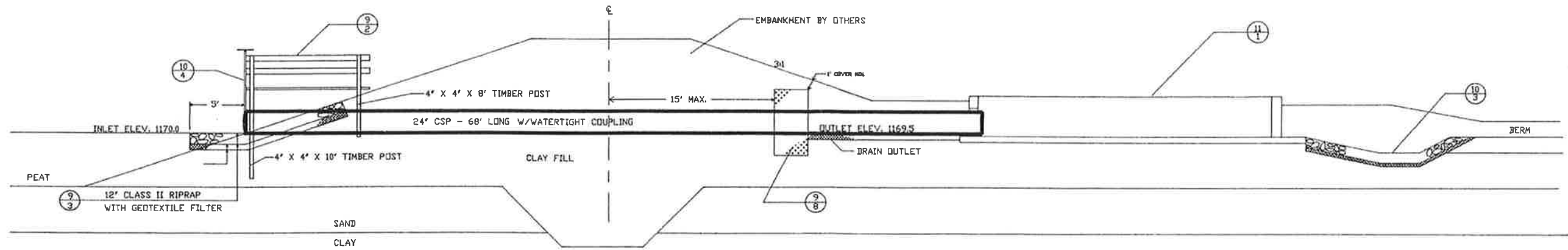
9/7 DETAIL OF TANK LUG



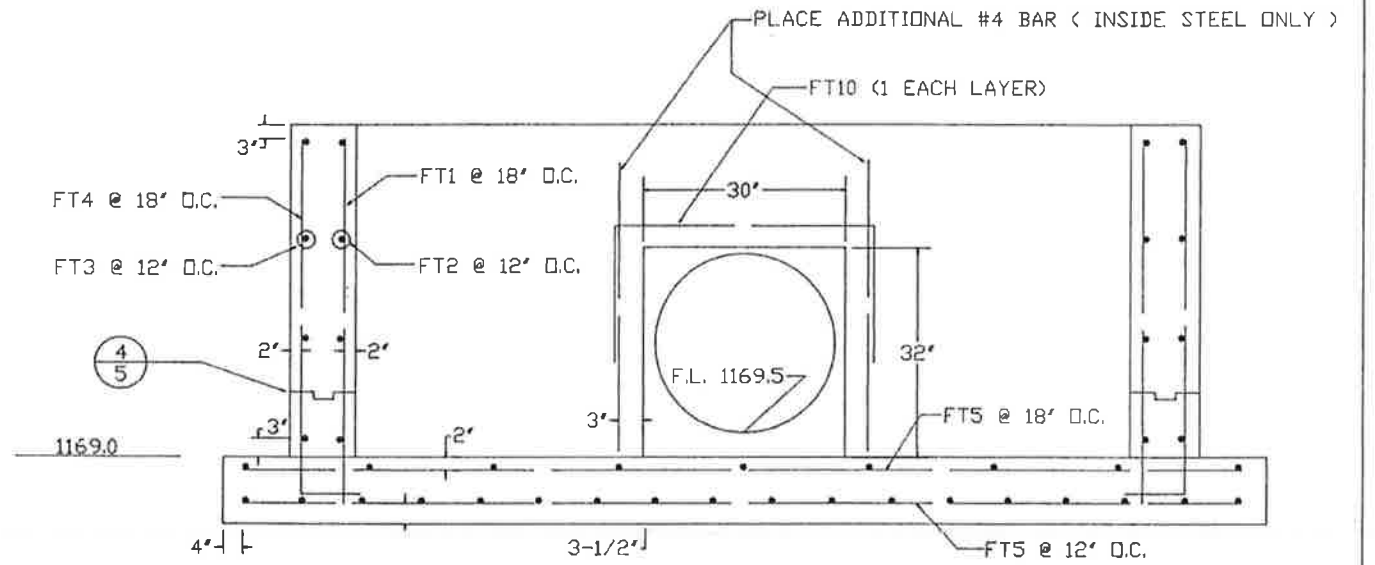
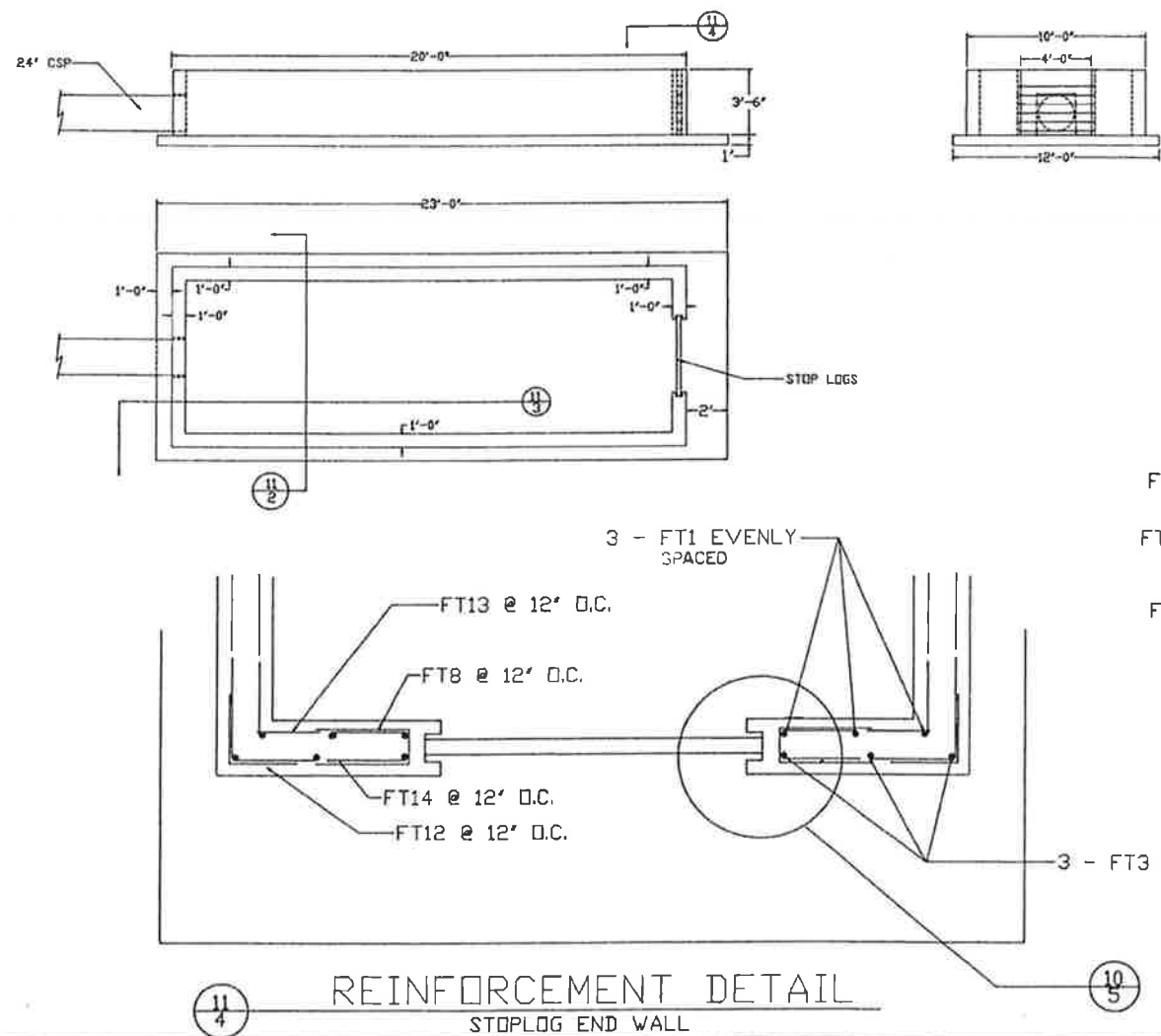
9/6 HOLD DOWN ROD DETAIL

RED LAKE WATERSHED DISTRICT		
GOOD LAKE - STAGE 2F		
DRAWN BY BGJ	SECONDARY OUTLET	DATE 8/27/92
CHECKED BY	STRUCTURAL DETAILS	DATE
REVISED		
SHEET 9 OF 11 SHEETS		

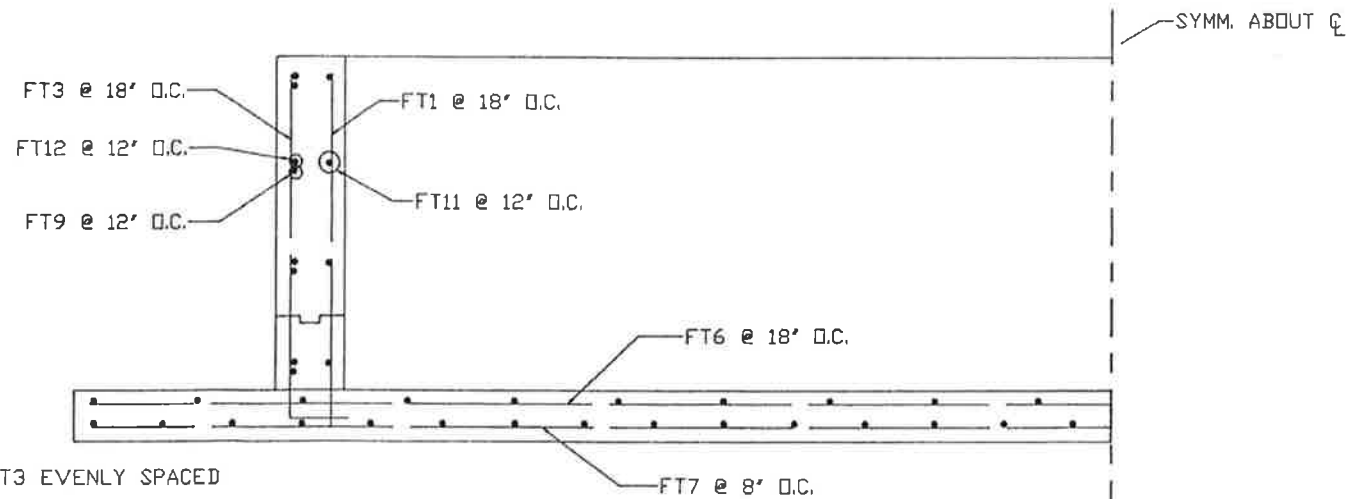
TYPICAL SECTION - SECONDARY OUTLET ( STA. 234+00 )



# FISH TRAP - GENERAL LAYOUT



## REINFORCEMENT DETAIL



## REINFORCEMENT DETAIL

RED LAKE WATERSHED DISTRICT		
GOOD LAKE - STAGE 2F		
DRAWN BY: BGW	SECONDARY OUTLET	DATE: 8/27/92
CHECKED BY:		DATE:
REVISED:		DATE:
STRUCTURAL DETAILS		
SHEET 11 OF 11 SHEETS		

























Red Lake Watershed District

Transaction Report  
June 1, 2023 - May 22, 2024

DATE	TRANSACTION TYPE	NUM	NAME	MEMO/DESCRIPTION	ACCOUNT	SPLIT	AMOUNT	BALANCE
CONSTRUCTION								
Capital Project Fund								
067 RED LAKE RES/GOOD LAKE								
07/05/2023	Bill	bill date 7/05/23	KELLY DAHLEN	Clean out beaver dam twice April and May 2023	60020 CONSTRUCTION	Accounts Payable (A/P)	1,000.00	1,000.00
07/05/2023	Bill	bill date 7/05/23	KELLY DAHLEN	26 beaver tails @ \$100 ea.	60020 CONSTRUCTION	Accounts Payable (A/P)	2,600.00	3,600.00
01/18/2024	Bill	41113	KELLY DAHLEN	Mowing Jan 18, 2023 Pro. #67	60020 CONSTRUCTION	Accounts Payable (A/P)	400.00	4,000.00
01/18/2024	Bill	41113	KELLY DAHLEN	Inspections 12 hrs @ 90.00 Proj.# 67 Good Lake 4/23 thru Oct. 18, 23	60020 CONSTRUCTION	Accounts Payable (A/P)	732.00	4,732.00
01/18/2024	Bill	41113	KELLY DAHLEN	Mowing Nov 20-Dec 4, 2023 Pro. #67	60020 CONSTRUCTION	Accounts Payable (A/P)	4,620.00	9,352.00
01/24/2024	Bill	bill date 1/18/24	DAHLEN BROTHERS	Removal of beaver dams - Maint on structure /Proj. #67/ November 2023	60020 CONSTRUCTION	Accounts Payable (A/P)	2,580.00	11,932.00
03/21/2024	Bill	March 2024	KELLY DAHLEN	Beaver Trappin 10 @ \$100.00 Proj.# 67 Good Lake - March 18, 2024	60020 CONSTRUCTION	Accounts Payable (A/P)	1,000.00	12,932.00
05/14/2024	Bill	May 13, 2024	KELLY DAHLEN	2 Hours (Cody & Kelly)	60020 CONSTRUCTION	Accounts Payable (A/P)	122.00	13,054.00
05/14/2024	Bill	May 13, 2024	KELLY DAHLEN	3 Hours (Nick, Erick, Kelly)	60020 CONSTRUCTION	Accounts Payable (A/P)	167.00	13,221.00
05/14/2024	Bill	May 13, 2024	KELLY DAHLEN	3 Hours (Kelly & Tony Olson Install new planks	60020 CONSTRUCTION	Accounts Payable (A/P)	167.00	13,388.00
05/14/2024	Bill	May 13, 2024	DAHLEN BROTHERS	Remove 2 beaver dams No. end og Good Lake - 6 hrs x \$150 per hr.	60020 CONSTRUCTION	Accounts Payable (A/P)	900.00	14,288.00
05/14/2024	Bill	May 13, 2024	KELLY DAHLEN	Beaver Trapping 29 @ \$100.00 Proj.# 67 Good Lake - May 13, 2024	60020 CONSTRUCTION	Accounts Payable (A/P)	2,900.00	17,188.00
Total for 067 RED LAKE RES/GOOD LAKE							\$17,188.00	
Total for Capital Project Fund							\$17,188.00	
Total for CONSTRUCTION							\$17,188.00	
TOTAL							\$17,188.00	







## **EAST POLK SOIL AND WATER CONSERVATION DISTRICT**

**240 CLEVELAND AVE**

**PO BOX 57**

**McINTOSH, MN 56556**

**Telephone (218) 563-2777**

### **Lake Monitoring Contract**

Monitoring years: 2024-2026 (Three Years)

Samples Include: Phosphorus, Chlorophyll-a analysis, and Clarity

Lakes to be Monitored: Store, Cable, Cameron, Badger, Oak, Hill River, Cross, Turtle, & Whitefish

Monitoring Schedule: May through September

#### Yearly Program Cost Estimate:

##### **SWCD Contribution**

Staff time (monitoring) – \$55/hour (2 staff) X 50 hours = \$2750.00

Administration Time - \$35/hour X 10 = \$350.00

Transportation – \$0.67/mile X 130 miles x 5 months = \$435.50

**Total: \$3,535.50**

##### **RLWD Contribution**

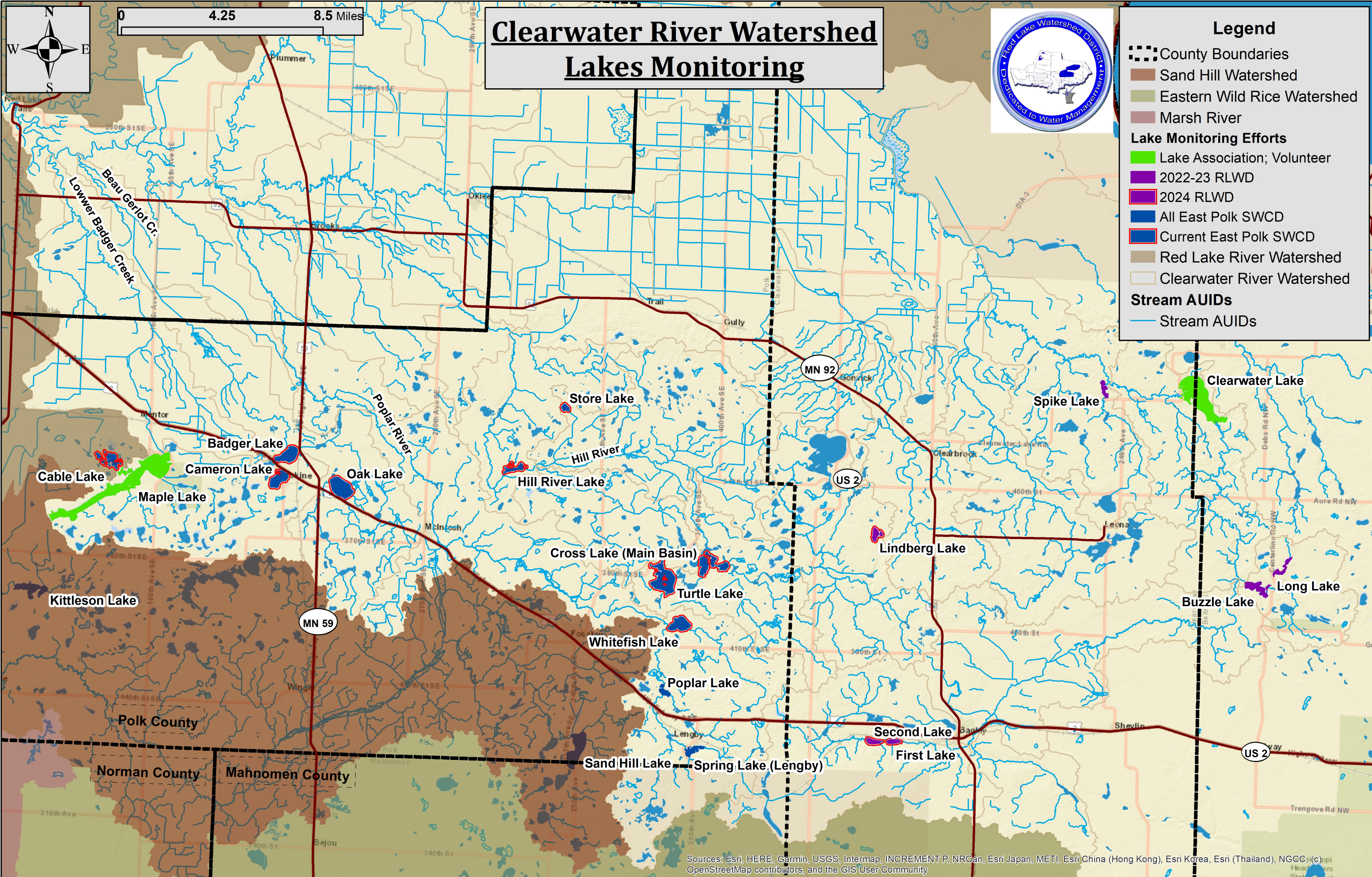
RMB Lab costs – \$67 month/sample site X 9 sites for 5 months = \$3015.00

Shipping – \$31 per cooler. Estimate based on 2023 = \$225.00

**Total: \$3,240.00**

Invoices will be sent out yearly by the East Polk SWCD.

All lab costs and shipping costs are subject to change based on current year lab rates.



Permit # **24-044**Status Report: **Denied****Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Jeremiah Johnson		32418 180th St SE Thief River Falls, MN 56742		tel: <b>218-686-3099</b> mobile: fax:

**General Information**

(1) The proposed project is a:

**Culvert Installation / Removal / Modification**

(2) Legal Description

(3) County: **Red Lake** Township: **Garnes** Range: **41** Section: **17 1/4**:(4) Describe in detail the work to be performed. **put new culvert across township road in middle of section**(5) Why is this work necessary? Explain water related issue/problem being solved. **drain the land more efficiently and the 1/4 to east is being farmed****Status**

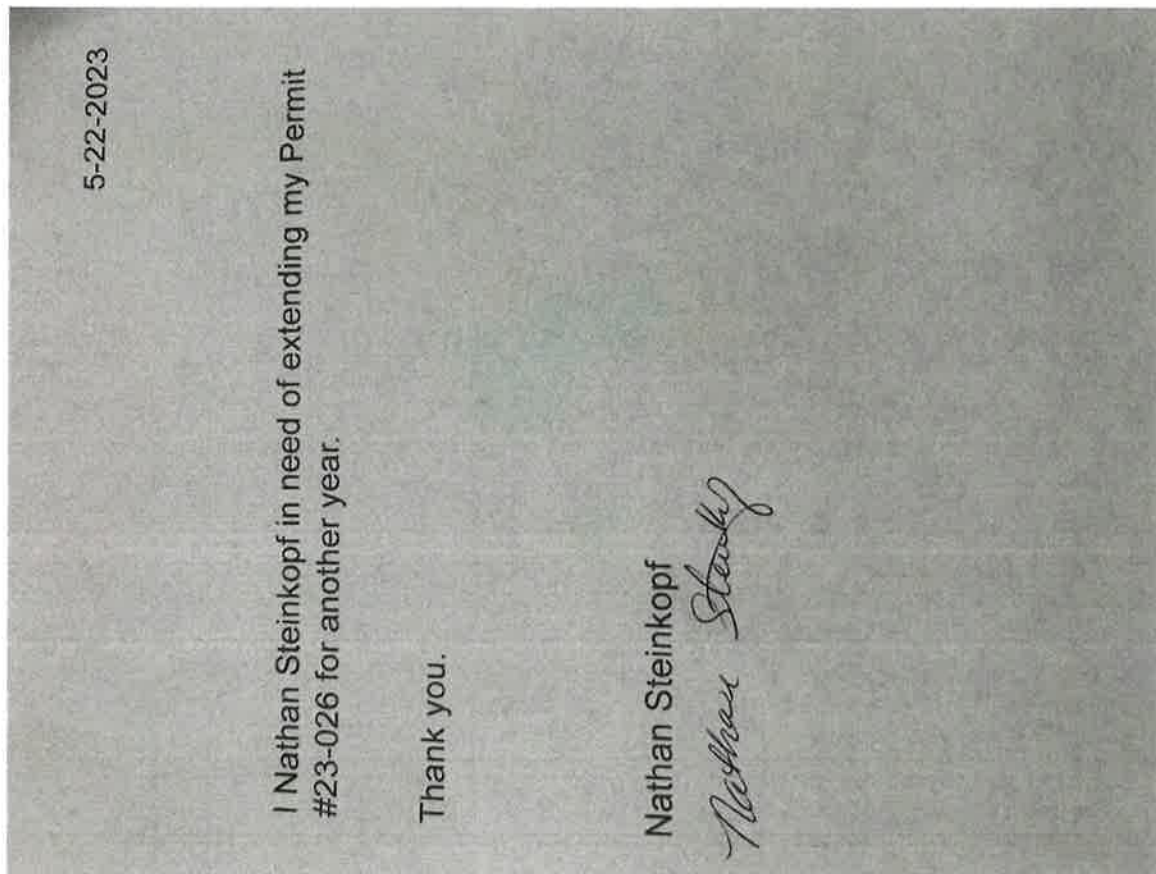
Status	Notes	Date
Denied	<b>P.A. #24-044 – Jerimiah Johnson Red Lake County – Garnes Township – Section-17 The Red Lake Watershed District (RLWD) denies adding a culvert through a township road, as there is a 24" culvert roughly 700ft to the west already installed that will drain the area of concern. RLWD recommends cleaning the portion of ditch to the 24" culvert to assist with drainage. 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. This application does not exempt the permit applicant from local, state, or federal authority that might require their approval. If any of the work will be done near adjacent wetlands or public watercourse, applicant shall contact the appropriate jurisdictional authority prior to the project start and meet their spec's/conditions. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) T.O.</b>	May 16, 2024
Received	None	May 6, 2024

**Conditions**

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.

**From:** [Nathan Steinkopf](#)  
**To:** [Tony Olson](#)  
**Subject:** Re: Permit Extension 23-026  
**Date:** Wednesday, May 22, 2024 11:03:00 AM

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On Wed, May 22, 2024 at 8:53 AM Tony Olson <[tony.olson@redlakewatershed.org](mailto:tony.olson@redlakewatershed.org)> wrote:

Tony Olson  
Red Lake Watershed District  
Engineering Specialist  
Office 218-681-5800

Permit # **23-026**Status Report: **Approved****Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Pam Paradis		PO Box 56 Brooks, MN 56715		tel: 218-686-4546 mobile: fax:

**General Information**

(1) The proposed project is a:

**Culvert Installation / Removal / Modification**

(2) Legal Description

(3) County: **Red Lake** Township: **Poplar River** Range: **42** Section: **14 1/4: NW1/4 NW1/4**(4) Describe in detail the work to be performed. **Install culvert and approach.**(5) Why is this work necessary? Explain water related issue/problem being solved. **Access to field.****Status**

Status	Notes	Date
Approved	P.A. #23-026 – Pam Paradis/Nathan Steinkopf (Renter) Red Lake County – Poplar River Township Section 14 Red Lake Watershed District (RLWD) approval to install a recommended 18" culvert for access to field. If any work is within a public road and/or public ditch Right-of-Way, applicant shall contact the appropriate road/ditch authority for their approval and must meet their specs/conditions. Permit Holder shall contact the road authorities when cutting through roads. Applicant shall install appropriate erosion control measures for energy dissipation at the outlet of pipes. This application does not exempt the permit applicant from local, state, or federal authority that might require their approval. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) T.O.	April 26, 2023
Tabled	P.A. #23-026 – Pam Paradis/Nathan Steinkopf (Renter) Red Lake County – Poplar Township Section 14 Red Lake Watershed District (RLWD) Tabled due to amount of snow in ditch to accurately inspect the permit. Will revisit in the spring when allowed. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) T.O.	April 6, 2023
Received	None	March 28, 2023

**Conditions**

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.

May 21, 2024

Red Lake Watershed,

Solheim Farms, Inc. requests a one year extension on tiling permits #23-036 and #23-033.

Sincerely,

Elliott J. Solheim, Pres.

Solheim Farms, Inc.

A handwritten signature in cursive script, appearing to read "Elliott J. Solheim". The signature is written in dark ink and is positioned below the typed name.



Permit # 23-033

Status Report: **Approved****Applicant Information**

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

**General Information**

(1) The proposed project is a:

**Tiling**

(2) Legal Description

(3) County: **Polk** Township: **Fairfax** Range: **46** Section: **9 1/4**:(4) Describe in detail the work to be performed. **Pattern Tile/Lift Station-Pump**(5) Why is this work necessary? Explain water related issue/problem being solved. **Improve Drainage****Status**

Status	Notes	Date
<b>Approved</b>	<b>P.A. #23-033 – Solheim Farms Inc. Polk County – Fairfax Township – Section 9</b> The Red Lake Watershed District (RLWD) approves the pattern tile project with lift station/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. Permit Holder shall contact the road authorities when cutting through roads when applicable. Directly downstream of the tile and/or pump station(s) outlets, applicant shall ensure that adequate grade and drainage is provided. Prior to any work, we also recommend that you contact your local Soil and Water Conservation District (SWCD) office to Inquire about possible wetland concerns. Applicant shall install appropriate erosion control measures for energy dissipation at the tile outlet. Applicant shall ensure that the tile outlet is visibly marked. Any damage caused by future ditch maintenance is the responsibility of the landowner. ■ 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) T.O.	<b>June 16, 2023</b>
<b>Received</b>	<b>None</b>	<b>April 11, 2023</b>

**Conditions**

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.

May 21, 2024

Red Lake Watershed,

Solheim Farms, Inc. requests a one year extension on tiling permits #23-036 and #23-033.

Sincerely,

Elliott J. Solheim, Pres.

Solheim Farms, Inc.

A handwritten signature in cursive script, appearing to read "Elliott J. Solheim". The signature is written in dark ink and is positioned below the typed name.



Permit # 23-036

Status Report: **Approved****Applicant Information**

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

**General Information**

(1) The proposed project is a:

**Tiling**

(2) Legal Description

(3) County: **Polk** Township: **Fairfax** Range: **46** Section: **9 1/4**:(4) Describe in detail the work to be performed. **Pattern Tile/Lift Station-Pump**

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

**Status**

Status	Notes	Date
Approved	P.A. #23-036 – Solheim Farms Inc. Polk County – Fairfax Township – Section 9 The Red Lake Watershed District (RLWD) approves the pattern tile project with lift station/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. Permit Holder shall contact the road authorities when cutting through roads when applicable. Directly downstream of the tile and/or pump station(s) outlets, applicant shall ensure that adequate grade and drainage is provided. Prior to any work, we also recommend that you contact your local Soil and Water Conservation District (SWCD) office to inquire about possible wetland concerns. Applicant shall install appropriate erosion control measures for energy dissipation at the tile outlet. Applicant shall ensure that the tile outlet is visibly marked. Any damage caused by future ditch maintenance is the responsibility of the landowner. ■ 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) T.O.	June 16, 2023
Received	None	April 11, 2023

**Conditions**

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 # **24-025**Status Report: **Approved****Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Thorson Farming		42424 240th St SW East Grand Forks, MN 56721		tel:218-791-8784 mobile: fax:

**General Information**

(1) The proposed project is a:

**Tiling**

(2) Legal Description

(3) County: **Polk** Township: **Bygland** Range: **49** Section: **16** 1/4:(4) Describe in detail the work to be performed. **Pattern Tile - Gravity Outlet**(5) Why is this work necessary? Explain water related issue/problem being solved. **better drainage****Status**

Status	Notes	Date
Approved	P.A. #24-025 – Thorson Farming Polk County – Bygland Township – Section 16/17 The Red Lake Watershed District (RLWD) approves the pattern tile project with "gravity" outlet. If any work is within a public road and/or public ditch Right-of-Way, applicant shall contact the appropriate road/ditch authority for their approval and must meet their specs/conditions. Permit Holder shall contact the road authorities when cutting through roads when applicable. Directly downstream of the tile and/or pump station(s) outlets, applicant shall ensure that adequate grade and drainage is provided. Prior to any work, we also recommend that you contact your local Soil and Water Conservation District (SWCD) office to inquire about possible wetland concerns. Applicant shall install appropriate erosion control measures for energy dissipation at the tile outlet. Applicant shall ensure that the tile outlet is visibly marked. Any damage caused by future ditch maintenance is the responsibility of the landowner. ■ 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) T.O.	May 16, 2024
Received	None	April 17, 2024

**Conditions**

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 # **24-027**Status Report: **Approved****Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Scott Tersteeg		80829 County Road 13 Olivia, MN 56277		tel:320-579-0314 mobile: fax:

**General Information**

(1) The proposed project is a:

**Culvert Installation / Removal / Modification**

(2) Legal Description

(3) County: **Red Lake** Township: **Terrebonne** Range: **43** Section: **7 1/4**:(4) Describe in detail the work to be performed. **Install a culvert for a field crossing**(5) Why is this work necessary? Explain water related issue/problem being solved. **Access is needed to the field due to a ring dike project and loosing the existing field access****Status**

Status	Notes	Date
Approved	<b>P.A. #24-027 – Scott Tersteeg Red Lake County – Terrebonne Township – Section 7 The Red Lake Watershed District (RLWD) approves installing a 36" culvert for access to field. MNDOT will require a permit as this is along MN Hwy 92 ROW. All excavation shall be consistent with the existing road and ditch slopes and there shall be no vertical excavation faces. Current flow patterns shall remain "as-is" and there shall be no additional drainage area or flows from the adjacent agriculture land routed to the ditch. Applicant shall ensure that all disturbed areas are seeded with appropriate seed mixture and that consideration for rock riprap with filter fabric is placed at the outlet end of the permitted culverts. If any work is within a public road and/or public ditch Right-of-Way, applicant shall contact the appropriate road/ditch authority for their approval and must meet their specs/conditions. Permit Holder shall contact the road authorities when cutting through roads when applicable. Directly downstream of the outlet, applicant shall ensure that adequate grade and drainage is provided. This permit does not exempt the permit applicant from local, state, or federal authority that might require their approval. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) T.O.</b>	May 16, 2024
Received		April 22, 2024

**Conditions**

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 # **24-029**Status Report: **Approved****Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Matt Bitter	MnDOT	3920 Hwy 2 West Bemidji, MN 566601		tel:218-328-4796 mobile: fax:

**General Information**

(1) The proposed project is a:

**Culvert Installation / Removal / Modification**

(2) Legal Description

(3) County: **Marshall** Township: **Eckvöll** Range: **40** Section: **25 1/4**:(4) Describe in detail the work to be performed. **culvert replacement at TH89**(5) Why is this work necessary? Explain water related issue/problem being solved. **better drainage****Status**

Status	Notes	Date
Approved	P.A. #24-0029 – MNDOT/Matt Bitter-218-328-4796 Marshall County – Eckvöll Township to Roseau County Line – Section-Many The Red Lake Watershed District (RLWD) approves the MNDOT project along TH 89. 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. This application does not exempt the permit applicant from local, state, or federal authority that might require their approval. If any of the work will be done near adjacent wetlands or public watercourse, applicant shall contact the appropriate jurisdictional authority prior to the project start and meet their spec's/conditions. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) T.O.	May 13, 2024
Received	None	April 23, 2024

**Conditions**

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 # **24-030**Status Report: **Approved****Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Roy Gross		Fire Tower Road NE Blackduck, MN 56630		tel: 218-766-2750 mobile: fax:

**General Information**

(1) The proposed project is a:

**Culvert Installation / Removal / Modification****Other**

(2) Legal Description

(3) County: **Beltrami** Township: **Langor** Range: **None** Section: **30 1/4**:(4) Describe in detail the work to be performed. **clean ditches for better drainage and add culvert for crossing**(5) Why is this work necessary? Explain water related issue/problem being solved. **better drainage****Status**

Status	Notes	Date
Approved	<b>P.A. #24-030 – Roy Gross Beltrami County – Langor Township – Section 30/31 The Red Lake Watershed District (RLWD) approves installing a 60" culvert for a new crossing for cattle travel. Also approval for ditch cleaning (See attached map) Before work begins you will need to contact the DNR for a Work in Public Waters permit. All excavation shall be consistent with the existing road and ditch slopes and there shall be no vertical excavation faces. Current flow patterns shall remain "as-is" and there shall be no additional drainage area or flows from the adjacent agriculture land routed to the ditch. Applicant shall ensure that all disturbed areas are seeded with appropriate seed mixture and that consideration for rock riprap with filter fabric is placed at the outlet end of the permitted culverts when applicable. If any work is within a public road and/or public ditch Right-of-Way, applicant shall contact the appropriate road/ditch authority for their approval and must meet their specs/conditions. Permit Holder shall contact the road authorities when cutting through roads when applicable. Directly downstream of the outlet, applicant shall ensure that adequate grade and drainage is provided. This permit does not exempt the permit applicant from local, state, or federal authority that might require their approval. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) T.O.</b>	May 3, 2024
Received	None	April 26, 2024

**Conditions**

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 # **24-032**Status Report: **Approved****Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Stephanie Wilde		32079 350th St SE McIntosh, MN 56556		tel: 701-893-9030 mobile: fax:

**General Information**

(1) The proposed project is a:

**Tiling**

(2) Legal Description

(3) County: **Polk** Township: **Eden** Range: **39** Section: **33** 1/4:(4) Describe in detail the work to be performed. **pattern tile/lift station pump**(5) Why is this work necessary? Explain water related issue/problem being solved. **better drainage****Status**

Status	Notes	Date
Approved	<b>P.A. #24-032 – Stephanie Wilde Polk County – Eden Township – Section 33 The Red Lake Watershed District (RLWD) approves the pattern tile project with a lift station/Pump as an outlet. If any work is within a public road and/or public ditch Right-of-Way, applicant shall contact the appropriate road/ditch authority for their approval and must meet their specs/conditions. Directly downstream of the tile and/or pump station(s) outlets, applicant shall ensure that adequate grade and drainage is provided. Applicant shall install appropriate erosion control measures for energy dissipation at the tile outlets. Applicant shall install appropriate markers to show the outlet end of the pipe, any damage caused by ditch maintenance will be at the expense of the landowner/applicant ■ Note: Please be aware of and review the 'bullet points' on the bottom half of the application. This application does not exempt the permit applicant from local, state, or federal authority that might require their approval. If any of the work will be done near adjacent wetlands or public watercourse, applicant shall contact the appropriate jurisdictional authority prior to the installation of the tile lines and meet their spec's/conditions. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) T.O.</b>	May 16, 2024
Received	None	April 24, 2024

**Conditions**

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 # **24-043**Status Report: **Approved****Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Pennington County		250 125th Ave NE Thief River Falls, MN 56701		tel:218-689-0330 mobile: fax:

**General Information**

(1) The proposed project is a:

**Culvert Installation / Removal / Modification**

(2) Legal Description

(3) County: **Pennington Township: Hickory Range: 39 Section: 9 1/4:**(4) Describe in detail the work to be performed. **Remove & install new pipe**(5) Why is this work necessary? Explain water related issue/problem being solved. **Rusting out****Status**

Status	Notes	Date
Approved	P.A. #24-043 – Pennington County Highway Department Pennington County – Hickory Township – Section 9/16 The Red Lake Watershed District (RLWD) approves replacing a 73"x55" Arch culvert with a new 73"x55" culvert. A 66" round may be used as well as the rough openings are similar. All excavation shall be consistent with the existing road and ditch slopes and there shall be no vertical excavation faces. Current flow patterns shall remain "as-is" and there shall be no additional drainage area or flows from the adjacent agriculture land routed to the ditch. Applicant shall ensure that all disturbed areas are seeded with appropriate seed mixture and that consideration for rock riprap with filter fabric is placed at the outlet end of the permitted culverts. If any work is within a public road and/or public ditch Right-of-Way, applicant shall contact the appropriate road/ditch authority for their approval and must meet their specs/conditions. Permit Holder shall contact the road authorities when cutting through roads when applicable. Directly downstream of the outlet, applicant shall ensure that adequate grade and drainage is provided. This permit does not exempt the permit applicant from local, state, or federal authority that might require their approval. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) T.O.	May 16, 2024
Received	None	May 3, 2024

**Conditions**

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 # 24-045

Status Report: **Approved****Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Mayfield Township	Mayfield Township Chairman	25196 110th St SE Thief River Falls, MN 56701		tel: 218-689-4312 mobile: fax:

**General Information**

(1) The proposed project is a:

**Culvert Installation / Removal / Modification**

(2) Legal Description

(3) County: **Pennington** Township: **Mayfield** Range: **41** Section: **3 1/4**:(4) Describe in detail the work to be performed. **replace culvert**(5) Why is this work necessary? Explain water related issue/problem being solved. **culvert failure****Status**

Status	Notes	Date
Approved	<b>P.A. #24-045 – Mayfield Township/Maynard Solberg Pennington County – Mayfield Township – Section 3/10 The Red Lake Watershed District (RLWD) approves replacing a failed 15" culvert with a new 15" culvert. All excavation shall be consistent with the existing road and ditch slopes and there shall be no vertical excavation faces. Current flow patterns shall remain "as-is" and there shall be no additional drainage area or flows from the adjacent agriculture land routed to the ditch. Applicant shall ensure that all disturbed areas are seeded with appropriate seed mixture and that consideration for rock riprap with filter fabric is placed at the outlet end of the permitted culverts. If any work is within a public road and/or public ditch Right-of-Way, applicant shall contact the appropriate road/ditch authority for their approval and must meet their specs/conditions. Permit Holder shall contact the road authorities when cutting through roads when applicable. Directly downstream of the outlet, applicant shall ensure that adequate grade and drainage is provided. This permit does not exempt the permit applicant from local, state, or federal authority that might require their approval. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) T.O.</b>	May 16, 2024
Received	None	May 6, 2024

**Conditions**

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 # **24-046**Status Report: **Approved****Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Mayfield Township	Mayfield Township	25196 110th St SE Thief River Falls, MN 56701		tel: <b>218-689-4312</b> mobile: fax:

**General Information**

(1) The proposed project is a:

**Culvert Installation / Removal / Modification**

(2) Legal Description

(3) County: **Pennington** Township: **Mayfield** Range: **41** Section: **10 1/4**:(4) Describe in detail the work to be performed. **replace culvert**(5) Why is this work necessary? Explain water related issue/problem being solved. **culvert failure****Status**

Status	Notes	Date
Approved	<b>P.A. #24-046 – Mayfield Township/Maynard Solberg Pennington County – Mayfield Township – Section 10/11 The Red Lake Watershed District (RLWD) approves replacing a failed 24" culvert with a new 24" culvert. All excavation shall be consistent with the existing road and ditch slopes and there shall be no vertical excavation faces. Current flow patterns shall remain "as-is" and there shall be no additional drainage area or flows from the adjacent agriculture land routed to the ditch. Applicant shall ensure that all disturbed areas are seeded with appropriate seed mixture and that consideration for rock riprap with filter fabric is placed at the outlet end of the permitted culverts. If any work is within a public road and/or public ditch Right-of-Way, applicant shall contact the appropriate road/ditch authority for their approval and must meet their specs/conditions. Permit Holder shall contact the road authorities when cutting through roads when applicable. Directly downstream of the outlet, applicant shall ensure that adequate grade and drainage is provided. This permit does not exempt the permit applicant from local, state, or federal authority that might require their approval. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) T.O.</b>	May 16, 2024
Received	None	May 6, 2024

**Conditions**

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 # **24-047**Status Report: **Approved****Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Pennington County		250 125th Ave NE Thief River Falls, MN 56701		tel: <b>218-683-7017</b> mobile: fax:

**General Information**

(1) The proposed project is a:

**Culvert Installation / Removal / Modification**

(2) Legal Description

(3) County: **Pennington** Township: **Rocksbury** Range: **43** Section: **21 1/4**:(4) Describe in detail the work to be performed. **replace culvert**(5) Why is this work necessary? Explain water related issue/problem being solved. **pipe is failing****Status**

Status	Notes	Date
Approved	<b>P.A. #24-047 – Pennington County Highway Department Pennington County – Rocksbury Township – Section 21/28 The Red Lake Watershed District (RLWD) approves replacing a 24" culvert with a new 24" culvert. All excavation shall be consistent with the existing road and ditch slopes and there shall be no vertical excavation faces. Current flow patterns shall remain "as-is" and there shall be no additional drainage area or flows from the adjacent agriculture land routed to the ditch. Applicant shall ensure that all disturbed areas are seeded with appropriate seed mixture and that consideration for rock riprap with filter fabric is placed at the outlet end of the permitted culverts. If any work is within a public road and/or public ditch Right-of-Way, applicant shall contact the appropriate road/ditch authority for their approval and must meet their specs/conditions. Permit Holder shall contact the road authorities when cutting through roads when applicable. Directly downstream of the outlet, applicant shall ensure that adequate grade and drainage is provided. This permit does not exempt the permit applicant from local, state, or federal authority that might require their approval. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) T.O.</b>	May 16, 2024
Received	None	May 7, 2024

**Conditions**

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 # **24-051**Status Report: **Approved****Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Kevin Krueger		32544 170th St NW Warren, MN 56762		tel: 701-740-2885 mobile: fax:

**General Information**

(1) The proposed project is a:

**Other**

(2) Legal Description

(3) County: **Polk** Township: **Belgium** Range: **46** Section: **16 1/4**:(4) Describe in detail the work to be performed. **clean ditch**(5) Why is this work necessary? Explain water related issue/problem being solved. **Completely filled with cattails****Status**

Status	Notes	Date
Approved	<b>P.A. #24-051 – Kevin Krueger/Josh Krueger Polk County – Belgium Township – Section 16</b> The Red Lake Watershed District (RLWD) approves to clean a portion of ditch located on the east side of 240th Ave SW, in the NW ¼ of section 16. Also approval to extend an 18" culvert for a wider crossing to allow for better access. The applicant shall contact West Polk SWCD to discuss the location of any wetlands that could be affected by this permit. And to comply with any regulations that they would have regarding wetlands. All excavation shall be consistent with the existing road and ditch slopes and there shall be no vertical excavation faces. Current flow patterns shall remain "as-is" and there shall be no additional drainage area or flows from the adjacent agriculture land routed to the ditch. Applicant shall ensure that all disturbed areas are seeded with appropriate seed mixture. If any work is within a public road and/or public ditch Right-of-Way, applicant shall contact the appropriate road/ditch authority for their approval and must meet their specs/conditions. Permit Holder shall contact the road authorities when cutting through roads when applicable. This permit does not exempt the permit applicant from local, state, or federal authority that might require their approval. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) T.O.	May 16, 2024
Received	None	May 9, 2024

**Conditions**

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 # **24-053**Status Report: ~~Received~~  
*Approved - T.O.***Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Darin Carlstrom	Polk County Highway Dept	820 Old Hwy 75 South Crookston, MN 56716		tel: 218-470-8254 mobile: fax:

**General Information**

(1) The proposed project is a:

**Culvert Installation / Removal / Modification**

(2) Legal Description

(3) County: **Polk** Township: **Hill River** Range: **40** Section: **27 1/4**:(4) Describe in detail the work to be performed. **grading, culverts, seeding, and aggregate surfacing of Cty Rd 202**(5) Why is this work necessary? Explain water related issue/problem being solved. **Existing road is deficient in design and strength****Status**

Status	Notes	Date
Approved	<b>P.A. #24-053 – Darin Carlstrom/Polk Co. Hwy Dept. Polk County – Hill River Township – Section 27</b> The Red Lake Watershed District (RLWD) approves the grading/seeding/culvert and aggregate surfacing of County Road 202. County Engineer states that the sizing of culverts is necessary to meet both state aid standards and MNDOT design standards to address headwater and overtopping of the roadway. Approval is based on a case study that Road Design/Road Safety is allowed to increase culvert sizes with the Road Authority being held responsible for all issues that would stem from increasing a culvert size. Red Lake Watershed District recommends having a public hearing to address any landowner concerns. If any work is within a public road and/or public ditch Right-of-Way, applicant shall contact the appropriate road/ditch authority for their approval and must meet their specs/conditions. Permit Holder shall contact the road authorities when cutting through roads when applicable. Directly downstream of the project outlet, applicant shall ensure that adequate grade and drainage is provided. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) T.O.	May 16, 2024
Received	None	May 9, 2024

**Conditions**

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 # **24-054**Status Report: **Approved****Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Red Lake County Highway Dept		204 7th St SE Red Lake Falls, MN 56750		tel: <b>218-253-2697</b> mobile: fax:

**General Information**

(1) The proposed project is a:

**Culvert Installation / Removal / Modification**

(2) Legal Description

(3) County: **Red Lake** Township: **Poplar River** Range: **42** Section: **15 1/4**:(4) Describe in detail the work to be performed. **replace existing culvert**(5) Why is this work necessary? Explain water related issue/problem being solved. **improving the road****Status**

Status	Notes	Date
Approved	<b>P.A. #24-054 – Red Lake County Highway Department Red Lake County – Poplar River Township – Section 14/15</b> The Red Lake Watershed District (RLWD) approves replacing a 15" CMP culvert with a new 15" RCP culvert. The new concrete culvert will be installed at a lower flowline to provide adequate road cover and to account for the additional wall thickness of the new pipe. All excavation shall be consistent with the existing road and ditch slopes and there shall be no vertical excavation faces. Current flow patterns shall remain "as-is" and there shall be no additional drainage area or flows from the adjacent agriculture land routed to the ditch. Applicant shall ensure that all disturbed areas are seeded with appropriate seed mixture and that consideration for rock riprap with filter fabric is placed at the outlet end of the permitted culverts. If any work is within a public road and/or public ditch Right-of-Way, applicant shall contact the appropriate road/ditch authority for their approval and must meet their specs/conditions. Permit Holder shall contact the road authorities when cutting through roads when applicable. Directly downstream of the outlet, applicant shall ensure that adequate grade and drainage is provided. This permit does not exempt the permit applicant from local, state, or federal authority that might require their approval. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) T.O.	May 16, 2024
Received	None	May 14, 2024

**Conditions**

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 # **24-055**Status Report: **Approved****Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Scott Morinville		23142 State Hwy 92 SE Brooks, MN 56715		tel: 218-686-1776 mobile: fax:

**General Information**

(1) The proposed project is a:

**Tiling**

(2) Legal Description

(3) County: **Red Lake** Township: **Poplar River** Range: **42** Section: **12 1/4**:(4) Describe in detail the work to be performed. **Random Drain Tile**(5) Why is this work necessary? Explain water related issue/problem being solved. **Needed for Better Drainage****Status**

Status	Notes	Date
Approved	P.A. #24-055 – Scott Morinville Red Lake County – Poplar River Township – Section 12 The Red Lake Watershed District (RLWD) approves the random tile project to be installed into the SW quarter section 12 Poplar River Twp contingent on approval from Red Lake County SWCD, as there are wetlands on the parcel to be tiled. If any work is within a public road and/or public ditch Right-of-Way, applicant shall contact the appropriate road/ditch authority for their approval and must meet their specs/conditions. Directly downstream of the tile and/or pump station(s) outlets, applicant shall ensure that adequate grade and drainage is provided. Applicant shall install appropriate erosion control measures for energy dissipation at the tile outlets. Applicant shall install appropriate markers to show the outlet end of the pipe, any damage caused by ditch maintenance will be at the expense of the landowner/applicant ■ Note: Please be aware of and review the 'bullet points' on the bottom half of the application. This application does not exempt the permit applicant from local, state, or federal authority that might require their approval. If any of the work is done near adjacent wetlands or public watercourse, applicant shall contact the appropriate jurisdictional authority prior to the installation of the tile lines and meet their spec's/conditions. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) T.O.	May 22, 2024
Received	None	May 16, 2024

**Conditions**

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.

# River Health & Restoration Workshops

*Offered by the Minnesota DNR River Ecology Unit*

*Our rivers and streams have been impaired by many factors resulting in poor water quality, lost biodiversity, accentuated flooding and drought, and increased rates of erosion and sedimentation.*

*As our rivers have become more widely recognized and appreciated as valuable natural resources that need restoration, the responsibility to better understand and properly restore these complex ecosystems takes on great importance. To that end, the Minnesota Department of Natural Resources (DNR) offers a variety of stream related workshops.*

*The foundation of these workshops is to*  
a) *teach the fundamentals of stream science including: fluvial geomorphology, hydrology, connectivity, biology and water quality and to*  
b) *educate attendees in reference reach geometry techniques and approaches that ensure long-term health, stability, and resilience.*



## **Our definition of RESTORATION:**

*The act of relaxing human constraints on the development of natural patterns of diversity, where restoration measures should not focus on directly recreating natural structures or states but on identifying and reestablishing the conditions under which natural states create themselves (Ebersole et al. 1997, and Frissell et al. 1997 Frissell and Ralph 1998).*

**River Science Series** - 5 day workshops: instruction, intensive field data collection, data analysis and review, \$1,000

- » The Fundamentals of River Science: Applied Geomorphology & Ecology
- » River Monitoring & Assessment
- » Restoring River Ecosystems: Design & Application

**Short Courses** - 3 day workshops: instruction & discussion, \$400

- » Diagnosing Streams: Symptoms, Underlying Causes, & Remedies
- » Dam Removal, Ecological Implications, & Challenges

## **Our definition of SUCCESS:**

*Implementing projects that re-establish self-sustaining geomorphic and ecological processes that*  
» *form & maintain quality habitat and*  
» *protect or restore biodiversity.*

**Find more information on our websites:**

**Minnesota DNR - River Ecology Unit**  
**and**

**River Health & Restoration Workshops**



## General workshop information

- We take requests into consideration when scheduling each year's workshops, so we ask those interested in future workshops to express interest directly to [Amy Childers](#).
- Course offerings are limited due to small staff size in addition to field and research responsibilities.
- Beverages, snacks, lunches, and some suppers are included.
- Lodging is not included in the registration fee.
- Fieldwork is required so students need to be prepared to wade in streams and work outside in inclement weather conditions.

### River Ecology Unit Instructors:

**Neil Haugerud** is a River Ecologist and Restoration Consultant. He is experienced in stream biological monitoring, macro-invertebrate identification, reference site selection, and evaluating water quality. Neil's work focuses on project monitoring, river restorations, and geomorphological data analysis and management.

**Mark Ellefson** is a River Geomorphology GIS Specialist. His field experience encompasses fish sampling, bedload and suspended sediment sampling, discharge measurement, terrestrial LiDAR scanning and topographic surveying of stream channels. Mark's work focus is integrating field collected geomorphic data with GIS watershed analysis to better categorize the state's river systems and their geomorphic stability and erosion potential.

**Amanda Hillman-Roberts** is the Restoration Coordinator. She is experienced in project development, geomorphic monitoring, culvert assessment and working with legislators and funding councils. Her work focuses on identifying, coordinating, prioritizing and funding channel restorations and dam removal/modification projects.

**Amy Childers** is the Training and Outreach Coordinator. She has been coordinating and helping instruct these workshops since 2007. Amy's other work focuses on stream science outreach, research and publications, river restorations, and geomorphic monitoring.

**Howard Fullhart** is a River Ecologist. His duties include project development, project oversight for channel restorations, project oversight for dam removal/modifications, geomorphic monitoring, and project monitoring.

### Additional Instructors:

**DNR staff** from the River Ecology Unit and Clean Water Legacy Program (both within the Division of Ecological and Water Resources) and the Division of Fisheries instruct in their respective areas of expertise and provide expertise during field exercises.

**Invited speakers** from various agencies and organizations also provide expertise and instruction on occasion.

## Short Courses

### Diagnosing Streams: Symptoms, Underlying Causes, & Remedies

*No prerequisites*

This workshop provides fundamental river science learning and practical experience in diagnosing stream condition and the underlying causes of degraded health. This workshop teaches:

- the fundamentals of river "physiology and anatomy" -- hydrology, fluvial geomorphology, and ecology,
- the underlying causes and the resulting impacts to stream stability, water quality, and biodiversity,
- demonstrations of diagnostic tools, and
- practical experience gained by stepping through real examples including examples brought by attendees.

This workshop can be taken by those with any level of expertise that wants to learn how to identify stream issues and practice diagnosing the underlying causes of degraded stream health and function. *3 days. \$400.*

### Dam Removal, Ecological Implications, and Challenges

*No prerequisites*

This workshop teaches the fundamentals of stream function and health by first explaining the various ways streams are affected by dams. Then we will discuss the different perspectives, processes, and challenges involved in dam removal or modification projects from beginning conversations, to permitting, to design and construction. Design options for dam removal or modification, fish passage, and natural channel design will be explained and demonstrated. This workshop includes time for organized conversations around the challenges and goals of dam removal projects and an afternoon bus tour of local projects.

This workshop can be taken by those with any level of expertise that wants to better understand the impacts of dams, the range of options that have been implemented, and the variety of processes involved. *3 days. \$400.*

A similar workshop we offer is **The Ditching Dilemma** that addresses the impacts of ditches and delves into options for restoring ditched or channelized streams.

## River Science Series

*This series of workshops teaches the basic functions and processes of streams and rivers; stream classification; field surveying; assessment and monitoring of channel morphology, stability, and sediment transport; and restoration where natural, stable stream reaches are used as templates for design.*

*This series is designed for natural resource professionals whose work involves rivers and streams as well as those engaged in watershed-wide resource management issues. These workshops are a mix of lectures and field applications where students are required to complete intense fieldwork, data analysis, and present their findings. The goal of this series is to develop a foundation for work in this field where ongoing fieldwork, project experience and interdisciplinary collaboration will be critical to effective stream restoration.*

### The Fundamentals of River Science: Applied Geomorphology & Ecology

*No prerequisites*

Rivers and streams are formed by hydraulic, geomorphic, and biologic processes. This course discusses the fluvial geomorphological processes involved in creating and maintaining a stream's shape and stability, as well as the fundamental hydrology and hydraulics of rivers. We teach the skills necessary to properly determine a stream segment's type and degree of stability that requires the collection of field data needed for classifying streams based on bankfull channel dimensions, sinuosity, entrenchment, and slope. Upon completion of this course, students will have the field and office skills needed to classify a stream reach, greatly facilitating communications and planning among river managers worldwide. Students will also have a firm knowledge of the functions and processes that are critical to a river's health and biodiversity.

*5 days. \$1,000*

### River Monitoring & Assessment

*Prerequisite: The Fundamentals of River Science: Applied Geomorphology and Ecology*

This workshop is designed to teach natural resource professionals how to assess a stream's condition and stability and how to monitor streams through time.

Concepts taught include: • *stream monitoring design and evaluation* • *sediment transport* • *channel stability assessment* • *use of biological indicators* • *understanding riparian vegetation*.

Techniques used include: • *geomorphic surveying*, • *Pfankuch's Stability Rating system* • *biological sampling* • *BANCS Model – quantifying channel source sediment contribution* • *introduction to suspended and bedload sediment sampling methods* • *Prediction Level Assessment (PLA) of the Watershed Assessment of River Stability and Sediment Supply (WARSSS) methodology* • *riparian and channel monitoring techniques*.

Students completing this course will be able to quantitatively describe a river's stability and condition through applying industry standard techniques and reporting. These skills provide natural resource professionals the ability to monitor a river's condition over time in a non-subjective manner then apply this knowledge in restoration prioritization.

*10 days. \$1,500*



### Restoring River Ecosystems: Design & Application

*Prerequisite: The Fundamentals of River Science: Applied Geomorphology and Ecology*

This course will incorporate principles, methods, and tools for holistic stream restoration using natural materials and designs, with an emphasis on re-establishing both geomorphic and ecological processes. Fundamentals of restoration design that will be explained include: 1) diagnosis of underlying problems, 2) incorporation of local reference morphology, geomorphic and ecological processes, and 3) project design and construction techniques. Project types discussed will include re-meandering straightened/ditched channels, dam removal, channel restoration following removal of dams with sediment laden reservoirs, dam conversion to a rapids, fish bypass channels around dams, culvert replacement/remediation, and bank stabilization. In addition to classroom lectures and field observations, students will design a restoration project utilizing collected and provided field data. Students will also test designs in a laboratory stream model. With this course, students will develop their foundation for work in this field that with ongoing fieldwork, project experience and interdisciplinary collaboration will lead to effective stream restoration.

*5 days. \$1,000*

## 2024 River Ecology Unit Workshop Registration Form

### Registering for:

### Dam Removal, Ecological Implications, & Challenges

August 12 - 14, 2024 in Fergus Falls, MN.

Registration fee = \$400

### Registrant Information:

First & Last Name

Title/Position

Organization/Agency

Street Address

City, State, Zip

Daytime phone

E-mail address

Food allergy or dietary need

- ➡ Payment is due with registration.
- ➡ Minnesota DNR staff or other state agencies can pay by purchase order. For all others, checks should be made out to 'Minnesota DNR'.  
(**Sorry, we can not accept credit cards.**)
- ☐ Check is enclosed (payable to **Minnesota DNR**)
- ☐ Paying via purchase order (if Minnesota state agency) PO# \_\_\_\_\_
- ☐ If payment is not included, explain when payment will be made. \_\_\_\_\_
- ➡ Registrations will be handled on a first come/first served basis; class size will be limited to 40 students.
- ➡ Cancellation after registering will result in a \$50 penalty. Cancellations less than two weeks prior to the first day of the workshop will result in forfeit of the registration fee or use towards a future workshop.
- ➡ Workshop cancellation due to low enrollment will be determined at least two weeks prior to the start date.

### Email or mail registration & payment to:

Attn: Kristie Brezina

Minnesota Department of Natural Resources

1509 First Avenue North

Fergus Falls, MN 56537

Phone (218) 671-7977

Fax (218) 739-7601

[Kristie.Brezina@state.mn.us](mailto:Kristie.Brezina@state.mn.us)

*Emails will be sent to confirm registration and payment was received and to provide workshop information as the workshop date approaches.*

### Workshop info:

- This workshop starts at 12:30 pm on Monday and adjourns by 3:30 pm Wednesday.
- Suppers will be provided Monday and Tuesday. Lunches will be provided Tuesday and Wednesday. Refreshments and snacks will be provided all days. Please bring your own coffee mug and water bottle.
- Lodging is not included in the registration fee. Attendees must make their own hotel reservations. A block of rooms has been reserved at the AmericInn at 526 Western Ave, Fergus Falls. Phone: 218-739-3900. The block's code will be available with registration.

For workshop questions or to express interest in future workshops contact:

Amy Childers, Training & Outreach Coordinator  
Minnesota DNR - River Ecology Unit

Phone: (218) 671-7937

[Amy.R.Childers@state.mn.us](mailto:Amy.R.Childers@state.mn.us)

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

<b>INVOICE:</b>	149-22-01
<b>DATE:</b>	3/31/2023

**BILL TO:**  
Red Lake Watershed District  
1000 Pennington Ave. S.  
Thief River Falls, MN 56701

Project Name 2022 RLWIP					
QTY	UT	Date	Description	Rate	Amount
5	Hr	1-1 to 3-31-23	<b>Tammy Audette</b> Adminstration	75.49	377.45
51	Hr	1-1 to 3-31-23	<b>Corey Hanson</b> Adminstration	91.67	4,675.17
3.5	Hr	1-1 to 3-31-23	Project Development <b>Myron Jesme</b>	91.67	320.85
10	Hr	1-1 to 3-31-23	Adminstration	88.97	889.70
7	Hr	1-1 to 3-31-23	Project Development	88.97	622.79
0.5	Hr	1-1 to 3-31-23	Tech & Eng <b>Ann Joppru</b>	88.97	44.49
12	Hr	1-1 to 3-31-23	Adminstration	85.16	1,021.92
1	Ea	1/1/2023	<b>RLWD Crescent Ave. Stabilization - Admin</b> Universal Screenprint -2 signs for project	90.00	90.00
1	Ea	1/5/2023	<b>RLWD Ditch 10- Construction</b> Ashton's Mowing Service - Inv #2457	1,431.59	1,431.59
1	Ea	1/18/2023	Quality Spray/Anderson Exc-Inv #1407	17,784.00	17,784.00
1	Ea	2/3/2023	<b>RLWD Ditch 10- Tech &amp; Engineering</b> Houston Engineering - Inv. #63639	564.00	564.00
1	Ea	1/6/2023	<b>RLWD CD 99 Slope Repair- Tech &amp; Engineering</b> HDR, Inc. - Inv #489018	3,657.50	3,657.50
1	Ea	2/9/2023	HDR, Inc. - Inv #499085	870.00	870.00
1	Ea	3/8/2023	HDR, Inc. - Inv #506181	3,307.58	3,307.58
1	Ea	1/10/2023	<b>RLWD Crescent Ave. Stabilization- Tech &amp; Engineering</b> HDR, Inc. - Inv #489966	7,384.38	7,384.38
1	Ea	3/7/2023	HDR, Inc. - Inv #505349	4,922.50	4,922.50
<b>TOTAL</b>					<b>\$ 47,963.91</b>

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

<b>INVOICE:</b>	<b>149-22</b>
<b>DATE:</b>	<b>9/30/2022</b>

**BILL TO:**  
Red Lake Watershed District  
1000 Pennington Ave. S.  
Thief River Falls, MN 56701

Project Name 2020 RL1W1P					
QTY	UNITS	Date	Description	Rate	Amount
1	Ea	11/30/2021	<b>SWIs- Black River</b> R.J. Zavoral & Son's, Inc. Pay Estimate #16	88,492.15	88,492.15
1	Ea	8/15/2022	<b>SWIs- Black River</b> R.J. Zavoral & Son's, Inc. Pay Estimate #17	73,455.00	73,455.00
1	Ea	9/12/2022	<b>SWIs- Black River</b> R.J. Zavoral & Son's, Inc. Pay Estimate #18	2,280.00	2,280.00
<b>TOTAL</b>					<b>\$ 164,227.15</b>

\* Please invoice seperately for each project



## Minnesota Board of Water and Soil Resources Return of State Grant Funds

This form is to be used when returning unspent or unencumbered State of MN grant funds. As stated within the Terms of Payment section of your Grant Agreement, any funds remaining unspent or becoming unobligated or unencumbered after the end of the Grant Contract Period **must** be returned within one month of that date. Please attach this form to all returned grant fund checks submitted to BWSR and keep a copy for your file.

**Grant Title** : 2020 - Red Lake River Watershed Based Funding  
**Grant Code** : C20-9813  
**Grant Allocation** : Watershed Based Implementation Funding Phase I 2020  
**Grantee/LGU** : Red Lake WD  
**Grant Fiscal Year** : 2020

<b>Agreement PO#</b>	3000011375
<b>Check Number</b>	
<b>Refund Amount</b>	\$73,455.00
<b>Contact Name</b>	Tammy Audette
<b>Contact Phone Number</b>	218-681-5800

**All checks are to be made payable and mailed to:**

**MN Board of Water and Soil Resources  
c/o Accounting Coordinator  
520 Lafayette Road  
St. Paul, MN 55155  
651-296-3767**

# **Administrator's Report**

May 23, 2024

**Pine Lake levels:** Due to predicted rain event, District staff removed one stoplog from the outlet structure. Both easements have been signed with the landowners for Phase II of the Pine Lake Project. Easements have been submitted to Clearwater County for recording. The pre-construction meeting is scheduled for May 29<sup>th</sup> at 10:00 a.m. on-site.

**River Watch Retreat:** The International Water Institute has scheduled a River Watch Overnight Leadership Retreat on June 11-12<sup>th</sup> to be held at UMC. This event has not taken place since prior to COVID. Each school involved in River Watch is able to send their team captains to the event. The event schedule is included in the packet.

**River Watch and River of Dreams:** Included in the packet is an update on recent activities with the River Watch Program and River of Dreams.

**Huot Bank Stabilization Project:** Audette and Corey Hanson participated in a virtual meeting with Tony Nordby along with MnDNR staff. MnDNR staff informed us that we will not need to complete a survey for mussels. MnDNR staff also stated that they have been going away with the rock stream barb design, focusing on bank stabilization. Audette will contact landowners to make them aware of the proposed project. District staff completed the survey with assistance from the Pennington SWCD North Pod with the use of their sonar boat.

**Moose River/JD 21 meeting:** District staff will participate in a Judicial Ditch 21 meeting in Grygla on May 28<sup>th</sup>. Staff from Beltrami County will also be in attendance for discussion on the survey and report completed on JD 21 by the District.

**Upper Lower Red Lake 1W1P:** The Upper Lower Red Lake 1W1P meeting will be held on May 28<sup>th</sup> at 9:00 a.m. at the Red Lake Casino.

**Thief River 1W1P:** The Thief River 1W1P Advisory and Policy Committee meeting will be held on June 10, 2024 at 9:00 a.m. at the District office.

**Red Lake River 1W1P:** The Red Lake River 1W1P Policy Committee meeting will be held June 12, 2024, at 9:30 a.m. at the District office.

**Summer Hours:** Just a reminder that Summer hours begin next Tuesday, May 28<sup>th</sup>. The District office will be open from 7:00 a.m. – 4:30 p.m. Monday-Thursday, and 8:00 a.m. – 12:00 p.m. on Fridays. Notice will be posted on the District office door, website and phone system.



## 2024 River Watch Retreat

**Who:** 1-3 Students from each River Watch Team (Grades 9-12)

**Where:** University of Minnesota Crookston (Heritage Hall) & Field Trips for kayaking and outdoor learning

***\*Transportation during the Retreat will be provided.***

***\*Students will not be permitted to leave UMC.***

	Tuesday June 11 <sup>th</sup>	Wednesday June 12 <sup>th</sup>
8:00am		Breakfast – Heritage Hall
9:00am	Arrival – Registration/Room Tours	Outdoor Activity – Location TBD
10:00am	Basin Basics – Heritage Hall	30 <sup>th</sup> River Watch Forum - Input
11:00am	Pack Lunches/Prep for Kayak Trip	Youth Leadership Activity
12:00pm	Kayaking on Red Lake River.	Lunch w/recap
1:00pm	Time includes travel, stops for lunch, and games along the way.	Departure
2:00pm		<b>*Agenda subject to change with weather</b> <b>*Please bring appropriate indoor and outdoor clothing &amp; loungewear.</b> <b>*Chaperones/River Watch Staff will be present for all activities and will be staying in separate rooms in Heritage Hall.</b> <b>*Food/snacks/water provided</b>
3:00pm		
4:00pm	Shower/Rest/Downtime	
5:00pm		
6:00pm	Grill-out & Yard Games	
7:00pm	T-shirt Tie Dye	
8:00pm	Dorms, Yard Games, Movie	
10:00pm	Lights out – Assigned Rooms	

### Packing List

Bedding: Bedding will be provided but bring your own in you prefer.  
 Clothes: Indoor & Outdoor clothes, swimsuit, hooded sweatshirt & sweatpants, rain jacket, towel, toiletries, workout gear.  
 Footwear: Sandals & Tennis shoes that can get dirty  
 Tech: Phone and chargers

**Contact Asher Kingery**

**asher@iwinst.org**

**701-331-9259**

**RSVP by May 22nd**

## **Riverwatch:**

I was able to go sampling with three of my 4 schools this spring, there had been a few scheduling problems with the 4<sup>th</sup> school, but I intend to get them scheduled as soon as possible in the coming fall.

Red Lake Falls participated in Macroinvertebrate sampling and River Explorers. For the Macroinvertebrate sampling, we took the students out to Riverside Park in Red Lake Falls, MN. They learned how to properly collect macroinvertebrates in nets and buckets. After collection, they brought the filled buckets to the picnic area where the macroinvertebrates were separated and identified by species. We collected many different types of species such as midges, horsefly larvae, and caddisfly larvae. Along with a young walleye, catfish, and a couple of shiner minnows. More recently, I was able to take Red Lake Falls out on a River Explorers trip down the Clearwater River. We began at the property of one of the students and paddled to Sportsman's Park on the North side of RLF. The total paddling distance was 5.75 stream miles. The students had a lot of fun and we found 24 River of Dreams Canoes, which were logged on the IWI website by the students.

## **River of Dreams:**

During the winter months, we began the River of Dreams program. I visited Grygla, Red Lake County Central, Red Lake Falls, Thief River Falls (Challenger Elementary), and Clearbrook Gonvick schools to give the initial presentation of the program. They were then tasked with creating a dream for their canoes and decorating the 14" canoe they were given. After all the teachers sent us the photos of the canoes and the dreams that students had written, we scheduled a launch day. As of 5/21/24, all the above schools have launched canoes at their respective sites. So, keep an eye out for them!