



Board of Managers Meeting Agenda

Wednesday - March 10th, 2021 - 3:00 p.m.

Held Remotely Online

1. Call Meeting to Order
 - 1.1 Public Comment / Introductions
Audience members may address the Board regarding items not on the agenda. Please limit to three minutes.
 - 1.2 Approval of Agenda* (Additions/Corrections/Deletions) Action
2. Approval of February 10th, 2021 Meeting Minutes - Chair* Action
3. Approval of March 10th, 2021 Financial Summary & Invoices - Treasurer* / ** Action
4. Presentation: Cherokee Heights Channel Stabilization - Barr/SWCD Information
5. Authorize Administrator to Solicit Proposals for Professional Services - SWCD* Action
6. Review 2021 Monitoring Plan and Authorize Administrator to Execute Agreement with the Metropolitan Council for 2021 CAMP Monitoring - SWCD* Action
7. Presentation: LMRWMO Regulatory Role - Barr Information/Discussion
8. Updates and Handouts
 - 8.1 LMRWMO Plan Update - Barr* Information
 - 8.2 Other Updates / Member City Updates Information
9. Agenda Items for Next Meeting: April 14th, 2021
10. Adjourn

*Materials included in full packet

**Materials available separately on website:

www.dakotacountyswcd.org/watersheds/lowermisswmo/agendas.html

Remote Meeting Information on Following Page.

Please note, the March 10th, 2021 LMRWMO Board meeting will take place via teleconference by phone and/or the web-based application, Zoom, at 3:00 pm. We are following provisions in Minnesota Open Meeting Law addressing meetings in the case of pandemic. Please visit the meeting listing below for instructions on how to participate. The meeting link will be open at 2:45, 15 minutes prior to the start time, to allow for technical troubleshooting for people to get connected and into the meeting.

Topic: LMRWMO March 10th, 2021 Board Meeting

Time: Mar 10, 2021, 2:45 PM Central Time (Zoom meeting opens at 2:45 for troubleshooting, meeting starts at 3:00 pm)

Join Zoom Meeting

<https://dakotacountymn.zoom.us/j/96375986282?pwd=Y1VtcmpEUVIXZWZUcmhxTHY5S1NUQT09>

Meeting ID: 963 7598 6282

Passcode: 625411

Dial by your location

+1 651 372 8299 US (Minnesota)



MEETING MINUTES

Board of Managers Regular Meeting

February 10, 2020 - 3:00 p.m.

Meeting Held Remotely Online

Managers and Alternates in Attendance:

Sharon Lencowski, (Chair) Inver Grove Heights
Mary Jeanne Schneeman, (Sec/Tres) Mendota Heights
Tom Sutton, Lilydale
Julie Eastman, West St. Paul

Karen Reid, (Vice Chair) Saint Paul
Sheila Vanney, West St. Paul
Lyle Hanzal, Lilydale
Jill Smith, Mendota Heights

Advisors and Others in Attendance:

Tom Kaldunski, Inver Grove Heights
Krista Spreiter, Mendota Heights
Ross Beckwith, West St. Paul
Greg Williams, Barr Engineering
Brian Watson, Dakota County SWCD

Sue Polka, South St. Paul
Pat Murphy, St. Paul
Dawn Gaetke, Inver Grove Heights
Leslie Pilgrim, Mendota Heights
Joe Barten, Dakota County SWCD

1. Call Meeting to Order

1.1 Public Comment / Introductions

Audience members may address the Board regarding items not on the agenda.

1.2 Approval of Agenda (Additions/Corrections/Deletions)

MOTION by Schneeman to approve the agenda for the February 10th, 2021 meeting, second by Sutton; Roll call approval by Lencowski, Reid, Schneeman, Vanney, Sutton; motion passed.

2. Approval of the January 13, 2020 Meeting Minutes

Lencowski asked if there were any changes to the previous meeting minutes, there were none.

MOTION by Schneeman to approve the previous meeting minutes, second by Reid; Roll call approval by Lencowski, Reid, Schneeman, Vanney, Sutton; motion passed.

3. Approval of February 10, 2021 Financial Summary & Invoices

Spreiter provided an overview of the finances and invoices to be paid and recommended approval.

MOTION by Sutton to approve the financial summary and invoices to be paid, second by Reid; Roll call approval by Lencowski, Reid, Schneeman, Vanney, Sutton; motion passed.

4. Review and Authorize Execution of 2021 Ramsey County Agreement

The Board considered the agreement as presented. Vanney noted changing language that references a Watershed District to Watershed Management Organization.

MOTION by Vanney to authorize the Board Chair and Administrator to execute the agreement for 2021 Services with Ramsey County, second by Reid; Roll call approval by Lencowski, Reid, Schneeman, Vanney, Sutton; motion passed.

5. Approve Membership with Metro Watershed Partners for 2021

Barten summarized the information in the packet, noted that he found the membership worthwhile, and recommended continuing being a paying member of the program in 2021.

MOTION by Reid to approve funding of \$1,000 towards the 2021 Metro Watershed Partners membership, second by Schneeman; Roll call approval by Lencowski, Reid, Schneeman, Vanney, Sutton; motion passed.

6. Authorize Administrator to Submit Work Plan for Fiscal Year 2021 Watershed Based Implementation Funding Grant and Authorize Board Chair to Execute Grant Agreement with BWSR

Barten summarized the information in the packet and said that a preliminary grant request for the Watershed Based Implementation Funding (WBIF) project as described in the packet has been submitted to the MN Board of Water and Soil Resources (BWSR). The next step is creating a work plan. Once the work plan is approved, the LMRWMO can execute a grant agreement for the project.

MOTION by Sutton to authorize the LMRWMO Administrator to submit a work plan to BWSR for the FY 2021 WBIF project and authorize the Board Chair to execute a grant agreement with BWSR for the funding, second by Vanney; Roll call approval by Lencowski, Reid, Schneeman, Vanney, Sutton; motion passed.

7. Watershed Management Plan Update

Williams summarized the status of the Plan update. Vanney noted that it would be helpful to include the task summary chart in the monthly meeting packet as well as what is coming up next for tasks.

8. Alternate CIP Funding Mechanisms for Watershed Management Organizations

Barten provided a presentation on statutory funding mechanisms for capital improvement projects (CIPs) outside of member City dues.

9. Updates and Handouts

9.1 Grant Tracking Update

Williams provided a summary of the grant tracking information provided in the packet.

9.2 Other Updates / Member City Updates

10. Agenda Items for Next Meeting: March 10th, 2021

11. Adjourn

Meeting adjourned by Chair Lencowski at 4:45 pm.



FINANCIAL SUMMARY
February 11, 2021 to March 10, 2021

Beginning Balance - Key Community Bank			\$90,377.75
Interest	1/29/2021	January 2021 Interest	+ \$13.04
	3/4/2021	February 2021 Interest	+ \$16.02
			+
Deposits	2/16/2021	State of MN - 2nd grant (40%) FY 2016 Clean Water Fund for Thompson Lake Water Quality Improvements project	+ \$230,400.00
	2/25/2021	City Dues - Mendota Heights - \$20,067.83, SSP- \$14,162.11 & WSP - \$13,777.71	+ \$48,007.65
			+

To be approved at this meeting:

Key Community Bank:

Bank Fee	3/4/2021	January & February 2021 Paper Statement Fees \$2.00/month	- \$4.00
3715	3/10/2021	Campbell Knutson	- \$325.00
3716	3/10/2021	Fresh Water Society	- \$6,000.00
3717	3/10/2021	Barr Engineering	- \$1,207.00
3718	3/10/2021	Dakota County - Thompson Lake Sediment Cleanup & Storm Water Improvements	- \$270,979.37

Available Balance at Key Community Bank **\$90,299.09**

Gateway Bank Accounts:

<u>Savings</u>		<u>Balance</u>	\$71,119.02
Deposits	<u>Interest</u>	2/26/2021 Feb. Interest	+ \$27.28
			-
		<u>Ending Balance</u>	<u>\$71,146.30</u>
<u>Checking</u>		<u>Balance</u>	\$1,000.00
			-
		<u>Ending Balance</u>	<u>\$1,000.00</u>

Available Balance at Gateway Bank **\$72,146.30**

Available Balance - Key Community & Gateway Banks **\$162,445.39**

4th Generation Plan Balance for 2021 **\$50,000.00**

*Balance includes dedicated funds to 4th Generation Watershed Plan

BD106 (1)
DEPOSIT TICKET

751688/960

LOWER MISSISSIPPI RIVER WMO
125 - 3RD AVENUE NORTH
SOUTH SAINT PAUL, MN 55075

KEY COMMUNITY BANK

5684 Bishop Ave.
Inver Grove Heights, MN 55076
Phone (651) 457-7KEY
Visit us at
www.keycommunitybank.com

DATE 2-16-2021
DEPOSITS MAY NOT BE AVAILABLE FOR IMMEDIATE WITHDRAWAL.
LIST CHECKS SINGLY OR ATTACH LIST
DOLLARS CENTS

CURRENCY

COIN
CHECK I.D.

22320783 230400.-

FROM
OTHER
SIDE

PLEASE ENTER TOTAL HERE

Checks and other items are received for deposit
subject to the provisions of the Uniform Commercial
Code or any applicable collection agreement.

Warrant No. 22320783
Transaction No. Agency Name
R9P 0000024424 WATER/SOIL RESOURCES

Phone No.

Cust Acct No.

BWSR GRANT

Invoice ID
FY16 Competi

Message
FY16 Competitive Grant

02-04-21

\$230,400.00

Amount
230,400.00

CITY OF MENDOTA HEIGHTS
MENDOTA HEIGHTS, MN 55118

VENDOR

2/16/2021 LOWER MISSISSIPPI RIVER WMO

S # 47 098752

INVOICE TOTAL

DISCOUNT

COMMENTS

VENDOR

CITY OF MENDOTA HEIGHTS
MENDOTA HEIGHTS, MN 55118

INVOICE

2021-03

AMOUNT

\$20,067.83

\$20,067.83

2021 LMR WMO MEMBERSHIP

\$0.00

\$20,067.83

CITY OF SOUTH ST. PAUL, MN 55075

139824

Payee: 1849 LOWER MISSISSIPPI RIVER WMO

Stub 1 of 1

Check No. - 139824

Check Date - 2/22/2021

Supplier Invoice No Date Remark

2021-05 2/3/2021 2021 LMRWMO DUES

Reference

Amount

14,162.11

City of West St. Paul

CHECK NO. 134032

NET AMOUNT

DESCRIPTION

INVOICE NO.

DATE

MEMBERSHIP RENEWALS

2021-07

13,777.71

14

5920087

\$

FROM OTHER SIDE

\$

PLEASE ENTER TOTAL HERE

Checks and other items are received for deposit subject to the provisions of the Uniform Commercial Code or any applicable collection agreement

DEPOSIT TICKET

LOWER MISSISSIPPI RIVER WMO
125 - 3RD AVENUE NORTH
SOUTH SAINT PAUL, MN 55075

KEY COMMUNITY BANK

5684 Bishop Ave.
Inver Grove Heights, MN 55076
Phone (651) 457-7KEY

Visit us at
www.keycommunitybank.com

DATE 2-25-2021

DEPOSITS MAY NOT BE AVAILABLE FOR IMMEDIATE WITHDRAWAL

LIST CHECKS SINGLY OR ATTACH LIST

DOLLARS

CENTS

CURRENCY

COIN

CHECK I.D.

098252

20067.83

139824

14162.11

134032

13777.71

989.80 +
 054.00 -
 000 -
 325.00 *

CAMPBELL KNUTSON
Professional Association
Attorneys at Law
Federal Tax I.D. #41-1562130
Grand Oak Office Center I
860 Blue Gentian Road, Suite 290
Eagan, Minnesota 55121
(651) 452-5000

Lower Mississippi River WMO
 c/o Nancy Bauer
 City of Mendota Heights
 1101 Victoria Curve
 Mendota Heights MN 55118

Page: 1
 January 31, 2021
 Account # 601-0000G
 72

RE: GENERAL SERVICES
 RENDERED TO DATE:

			HOURS	
01/08/2021	JMO	Review email from Joe B. and save updated maintenance agreement to our system; revise document by adding additional paragraph and email updated agreement to Joe B.	0.50	40.00
	JJJ	Emails Joe re: JPA, follow-ups re: counterpart execution.	0.30	51.00
01/14/2021	JMO	Review email from Joe Barton with updated Maintenance Agreement and exhibits attached; save updated documents, accept track changes, format and clean up document and save as clean version; email document.	0.40	32.00
	JJJ	Review Joe's edits, update our files.	0.30	51.00
01/21/2021	JJJ	Emails Joe re: agreement, follow-ups.	0.30	51.00
01/26/2021	JJJ	Emails Joe re: final draft agreement, follow-ups.	0.20	34.00
01/27/2021	JJJ	Emails Joe, review draft JPA for services for SWA.	0.30	51.00
		AMOUNT DUE	2.30	310.00
01/08/2021		Photocopy expense.		9.00
01/15/2021		Photocopy expense.		4.60
01/21/2021		Photocopy expense.		1.40
		TOTAL DISBURSEMENTS		15.00
		TOTAL CURRENT WORK		325.00
		PREVIOUS BALANCE		\$698.80
01/25/2021		Payment - thank you		-34.00
		TOTAL AMOUNT DUE		<u>\$989.80</u>



Invoice

2550 University Ave W
Suite 212N
St. Paul, MN 55114

Invoice #: 1167
Invoice Date: 2/11/2021

P.O. Number:

Bill To:

Lower Mississippi Rvr Watershed Mgmt Org
112 E. 5th St #102
Chaska, MN 55318

Ship To:

Lower Mississippi River Watershed Dist
112 E. 5th St #102
Chaska, MN 55318

Date	Description	Qty	Price Each	Amount
2/11/2021	MWS Program Fee	4	1,500.00	6,000.00
Balance Due				\$6,000.00



INVOICE

Barr Engineering Co.
4300 MarketPointe Drive, Suite 200
Minneapolis, MN 55435
Phone: 952-832-2600; Fax: 952-832-2601
FEIN #: 41-0905995 Inc: 1966

Ms. Nancy Bauer
Lower Mississippi River Water Mgmt. Org.
City of Mendota Heights
1101 Victoria Curve
Mendota Heights, MN 55118

February 12, 2021
Invoice No: 23190078.00 - 234

Total this Invoice	\$1,207.00
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Regarding: Watershed Management Organization

The following invoice is for professional services related to the above project, which include:

- Preparing for and attending December 9, 2020 Board meeting
- Preparing for and attending the January 13, 2021 Board meeting
- Collecting and providing available water quality data
- Communicating with LMRWMO Administrator and project management

Professional Services from November 28, 2020 to January 22, 2021

Job	2020	2020 Engineering Services
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Task	001	Board Meetings
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Labor Charges

	Hours	Rate	Amount
Engineer / Scientist / Specialist III			
Williams, Sterling	2.80	145.00	406.00
Williams, Sterling	2.50	150.00	375.00
	5.30		781.00
Subtotal Labor			781.00
		Task Subtotal	\$781.00

Task	002	Technical Assistance
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Labor Charges

	Hours	Rate	Amount
Engineer / Scientist / Specialist IV			
Wilson, Gregory	2.00	175.00	350.00
Support Personnel II			
Nypan, Nyssa	.80	95.00	76.00
	2.80		426.00
Subtotal Labor			426.00
		Task Subtotal	\$426.00
		Job Subtotal	\$1,207.00
		Total this Invoice	\$1,207.00


PLEASE REMIT TO ABOVE ADDRESS and INCLUDE INVOICE NUMBER ON CHECK.

Terms: Due upon receipt. 1 1/2% per month after 30 days. Please refer to the contract if other terms apply.

Project	23190078.00	Lower Mississippi River	Invoice	234
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Thank you in advance for your prompt processing of this invoice. If you have any questions, please contact your Barr Project Manager, Janna M. Kieffer Phone: 952-832-2785 or E-Mail: jkieffer@barr.com.

Barr declares under the penalties of law that this account, claim or demand is just and no part of it has been paid.

Authorized By: 
Janna Kieffer

Project	23190078.00	Lower Mississippi River	Invoice	234
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Billing Backup

Friday, February 12, 2021

Barr Engineering Co. Invoice 234 Dated 2/12/2021 7:56:01 AM

Job	2020	2020 Engineering Services
Task	001	Board Meetings

Labor Charges

			Hours	Rate	Amount
Engineer / Scientist / Specialist III					
Engineer / Scientist / Specialist III					
SGW	3 - Williams, Sterling	12/9/2020	2.80	145.00	406.00
	prep for and attend board meeting				
SGW	3 - Williams, Sterling	1/13/2021	2.50	150.00	375.00
	prep for and attend BDWMO meeting				
			5.30		781.00
Subtotal Labor					781.00

Task Subtotal \$781.00

Task	002	Technical Assistance
------	-----	----------------------

Labor Charges

			Hours	Rate	Amount
Engineer / Scientist / Specialist IV					
Engineer / Scientist / Specialist IV					
GJW	11 - Wilson, Gregory	1/5/2021	.50	175.00	87.50
	Joe Barten--provided Sunfish Lake & Lake Augusta monitoring data				
GJW	11 - Wilson, Gregory	1/6/2021	1.50	175.00	262.50
	Joe Barten--provided Sunfish Lake & Lake Augusta monitoring data; responded to questions regarding Sunfish delisting				
Support Personnel II					
Support Personnel II					
NJN	9 - Nypan, Nyssa	12/3/2020	.30	95.00	28.50
NJN	9 - Nypan, Nyssa	12/23/2020	.50	95.00	47.50
			2.80		426.00
Subtotal Labor					426.00

Task Subtotal \$426.00

Job Subtotal \$1,207.00

Total this Project \$1,207.00

Total this Report \$1,207.00



MEMORANDUM

To: Nancy Bauer
From: Joe Barten, LMRWMO Administrator
Subject: Lower Mississippi River WMO - Financial Actions
Date: March 8, 2021

Enclosed please find the following request for reimbursement and invoices for expenditures from Dakota County. I have reviewed this request, verified the eligible expenses, and recommend the LMRWMO submit payment for expenses incurred.

Please prepare a check in the amount of \$270,979.37 to Dakota County for expenditures related to the Thompson Lake Stormwater Improvement project representing full and final reimbursement payment for that grant project.

Thank you and please contact me with any questions.

Joe Barten
Administrator via Dakota County SWCD
Lower Mississippi River Watershed Management Organization

Enclosed: Documentation for Reimbursement Request #4



Physical Development Division
Steve Mielke, Physical
Development Director

March 8, 2021

Dakota County
Western Service Center
14955 Galaxie Avenue
Apple Valley, MN 55124

952-891-7000
Fax 952-891-7031
www.dakotacounty.us

Environmental Resources
Office of GIS
Operations Management
Parks & Open Space
Surveyor's Office
Transit Office
Transportation Department

Joe Barten
LMRWMO Administrator
C/O Dakota County SWCD
4100 220th Street West
Farmington, MN 55024

Re: Request for Reimbursement #4 – Thompson Lake Sediment Cleanup and Stormwater Improvement Project

Mr. Barten,

Please accept this letter requesting reimbursement for expenditures relating to the Thompson Lake PAH Contaminated Sediment Cleanup and Stormwater Improvement Project as per our Joint Powers Agreement. Attached is a summary of expenditures and invoices for request #4.

Reimbursement Request #4 Breakdown

LMRWMO	\$270,979.37
City of West Saint Paul	\$77,792.65
Dakota County Transportation	\$3,323.51

The total amount we are requesting for reimbursement #4 from the Lower Mississippi River Watershed Management Organization is **\$268,578.73**

If you have any questions about this reimbursement request, please contact me at (952) 891-7140 or email at joshua.petersen@co.dakota.mn.us.

Regards,

Josh Petersen, PE
Senior Water Resources Engineer, Environmental Resources Department

[Enclosures]

Reimbursement Request #4

March 1, 2021

Thompson Lake Reimbursement Request #4 - Grant Eligible Invoices Since Previous Reimbursement Request

Verified by JB

Date	Contract #	Company	Services	Phase 1	Phase 2 Amount	Phase 2 Rev.	Total Amount	Notes
				Amount		Amount		
2/28/2019	C0030768	MSI	Construction	\$ 21,564.74	\$ 151,686.26	\$ 151,686.26	\$ 173,251.00	Pay App 5
3/7/2019	C0030745	Wenck	Eng & Design	\$ -	\$ 8,978.69	\$ 5,838.00	\$ 8,978.69	March 7, 2019 Invoice
4/2/2019	C0030745	Wenck	Eng & Design	\$ -	\$ 7,247.12	\$ 7,025.30	\$ 7,247.12	April 2, 2019 Invoice
5/6/2019	C0030745	Wenck	Eng & Design	\$ -	\$ 18,803.36	\$ 18,172.30	\$ 18,803.36	May 6, 2019 Invoice
5/9/2019	C0030768	MSI	Construction	\$ 159,489.01	\$ 145,195.86	\$ 145,195.86	\$ 304,684.88	Pay App 7
6/20/2019	C0030745	Wenck	Eng & Design	\$ -	\$ 22,877.37	\$ 22,011.50	\$ 22,877.37	June 5, 2019 Invoice
7/2/2019	C0030745	Wenck	Eng & Design	\$ -	\$ 10,132.66	\$ 10,021.30	\$ 10,132.66	June 19, 2019 Invoice
7/9/2019	C0030745	Wenck	Eng & Design	\$ -	\$ 5,339.68	\$ 5,221.90	\$ 5,339.68	July 3, 2019 Invoice
7/30/2019	C0030768	MSI	Construction	\$ 125,641.60	\$ 179,070.96	\$ 179,070.96	\$ 304,712.56	Pay App 8
8/9/2019	C0030745	Wenck	Eng & Design	\$ -	\$ 4,760.76	\$ 4,760.76	\$ 4,760.76	August 7, 2019 Invoice
9/11/2019	C0030745	Wenck	Eng & Design	\$ -	\$ 114.30	\$ 114.30	\$ 114.30	September 9, 2019 Invoice
9/12/2019	C0031369	Tetrattech	Eng & Design	\$ -	\$ 4,451.94	\$ -	\$ 4,451.94	August 31, 2019 Invoice
11/8/2019	C0030745	Wenck	Eng & Design	\$ -	\$ 739.62	\$ 711.20	\$ 739.62	Nov 5, 2019 Invoice
11/14/2019	C0030768	MSI	Construction	\$ 28,241.07	\$ 49,109.76	\$ 49,109.76	\$ 77,350.83	Pay App 9

Subtotals for LMRWMO Elink Grant Reporting	Total	LMRWMO	Dakota County & City Match
Forebay, Wetland, Pond Installation	\$ 491,407.84	\$ 187,406.13	\$ 304,001.72
Engineering	\$ 73,876.56	\$ 49,918.24	\$ 23,958.32
Reuse Irrigation	\$ 33,655.00	\$ 33,655.00	\$ -

Grant Maximum Adjustment \$ 144,637.14

Total LMRWMO RR#4 Payment \$ 270,979.37

REQUEST FOR PAYMENT

DATE: February 28, 2019 FOR PERIOD: February 1, 2019 TO: February 28, 2019

PROJECT: Thompson Lake Sediment Removal and Storm Sewer Improvements

COUNTY PROJECT NO. C0030768

WENCK PROJECT NO. 1305-0033

SPECIFIED CONTRACT COMPLETION DATE: May 31, 2019

CONTRACTOR: Max Steining, Inc.
ADDRESS: 3080 Lexington Ave South
Eagan, MN 55121

REQUEST FOR PAYMENT NO.: 5

SUMMARY:

1. Original Contract Amount	\$	1,989,108.27
2. Contract Revisions/Alterations	\$	18,016.16
Change Order No. 1 - Additional Tree Removals (Oct.)	\$	18,691.02
Change Order No. 1 - Additional Tree Removals (Nov.)	\$	3,204.18
Change Order No. 2 - Alternate 1 Deduct (Jan.)	\$	(23,800.04)
Change Order No. 3 - Additional Work at MH-1 (Jan.)	\$	19,921.00
3. Revised Contract Amount	\$	2,007,124.43
4. Value Completed to Date	\$	1,216,011.34
5. Material on Hand	\$	-
6. Amount Earned	\$	1,216,011.34
7. Less Retainage <u>5%</u>	\$	60,800.57
8. Sub-Total	\$	1,155,210.77
9. Liquidated Damages	\$	-
10. Less Amount Paid Previously	\$	981,959.77
11. TOTAL AMOUNT DUE THIS REQUEST FOR PAYMENT NO. <u>5</u>	\$	173,251.00

Approved By: **Dakota County**

Joshua J. G. Petersen
City Engineer / Date

Recommended for Approval By:

Daniel Elmes 4/2/19
Project Coordinator / Date

Finance Department / Date

Michelle L. Huh 04/02/19
Contractor / Date

APPROVED - JOSH PETERSEN

Contract #: **C0030768**
GL / JL: **0770950200 ~ 59070**
Date: **Apr 02 2019**
Comments: **CIP P00132**

REQUEST FOR PAYMENT

DATE: April 5, 2019 FOR PERIOD: March 1, 2019 TO: March 31, 2019

PROJECT: Thompson Lake Sediment Removal and Storm Sewer Improvements

COUNTY PROJECT NO. C0030768

WENCK PROJECT NO. 1305-0033

SPECIFIED CONTRACT COMPLETION DATE: May 31, 2019

CONTRACTOR: Max Steininger, Inc.
ADDRESS: 3080 Lexington Ave South
Eagan, MN 55121

REQUEST FOR PAYMENT NO.: 6

SUMMARY:

1. Original Contract Amount	\$	1,989,108.27
2. Contract Revisions/Alterations	\$	18,016.16
Change Order No. 1 - Additional Tree Removals (Oct.)	\$	18,691.02
Change Order No. 1 - Additional Tree Removals (Nov.)	\$	3,204.18
Change Order No. 2 - Alternate 1 Deduct (Jan.)	\$	(23,800.04)
Change Order No. 3 - Additional Work at MH-1 (Jan.)	\$	19,921.00
3. Revised Contract Amount	\$	2,007,124.43
4. Value Completed to Date	\$	1,282,682.53
5. Material on Hand	\$	-
6. Amount Earned	\$	1,282,682.53
7. Less Retainage <u>5%</u>	\$	64,134.13
8. Sub-Total	\$	1,218,548.40
9. Liquidated Damages	\$	-
10. Less Amount Paid Previously	\$	1,155,210.77
11. TOTAL AMOUNT DUE THIS REQUEST FOR PAYMENT NO. <u>6</u>	\$	63,337.63

Approved By: **Dakota County**

John J. G. Petersen
City Engineer / Date

Recommended for Approval By:

Daniel Elmes 04/17/19
Project Coordinator / Date

Finance Department / Date

Michelle L. Huh 04/15/19
Contractor / Date

APPROVED - JOSH PETERSEN

Contract #: **C0030768**
GL /JL: **0770950200 ~ 59072**
Date: **Apr 18 2019**
Comments: **CIP P00132**

Original Bid Form										Pay Final					Pay Disputed					Amount Remaining					
Item No.	Item	Unit	Bid Qty.	Unit Price	Total Price	Pg. Qty.	Month Qty. Installed	Net Qty. Installed	Month Qty. Installed	Month Pay Request	Total Pay Request	Month Pay Request	Disputed Qty.	Pay Disputed	Month Pay Request	Total Pay Request	Month Pay Request	Disputed Qty.	Pay Disputed	Month Pay Request	Total Pay Request	Month Pay Request	Disputed Qty.	Pay Disputed	Amount Remaining
1	MOBILIZATION	LS	1	\$ 332,000.00	\$ 332,000.00	1	0.000	0.000	0.000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	156,000.00
2	DEMOLITION CONSTRUCTION ENTRANCE	EA	2	\$ 3,443.18	\$ 6,886.36	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	DEMOLITION GRUBBING	EA	1.85	\$ 10,680.07	\$ 19,758.13	1.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	TREE REMOVAL	EA	1.55	\$ 16,954.88	\$ 26,279.96	1.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	TEMPORARY ACCESS PATHS	EA	135	\$ 534.03	\$ 72,094.05	135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	STAGING AREA RESTORATION	EA	125	\$ 1,125.00	\$ 140,625.00	125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	ORANGE CONSTRUCTION FENCE	SY	980	\$ 6.94	\$ 6,799.20	980	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	TEMPORARY CHAIN LINK PANEL CONSTRUCTION FENCE	SY	380	\$ 2.14	\$ 813.20	380	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	REMOVE & DISPOSE BRIDGE	LF	1,040	\$ 9.94	\$ 10,339.60	1,040	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	REMOVE & DISPOSE BITUMINOUS TRAIL	LS	1	\$ 8,073.84	\$ 8,073.84	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	LAKE BOTTOM CONTAMINATED SEDIMENT DREDGING	SY	440	\$ 8.00	\$ 3,520.00	440	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	WETLAND CONTAMINATED SEDIMENT EXCAVATION	CY	5,370	\$ 32.00	\$ 171,840.00	5,370	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	CONTAMINATED SEDIMENT TRANSPORT & DISPOSAL	CY	340	\$ 23.20	\$ 7,888.00	340	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	STOCKPILE LINER & COVER	CY	5,710	\$ 43.55	\$ 248,670.50	5,710	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	SILT FENCE	SY	6,300	\$ 1.63	\$ 10,269.00	6,300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	SILT CURTAIN	LF	750	\$ 3.20	\$ 2,400.00	750	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	EXCAVATION & GRADING	LF	1,150	\$ 16.02	\$ 18,423.00	1,150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	CLEAN SEDIMENT TRANSPORT & DISPOSAL	CY	2,885	\$ 9.72	\$ 27,847.80	2,885	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CLEAN SEDIMENT TRANSPORT & DISPOSAL	AC	2,885	\$ 13.52	\$ 39,018.20	2,885	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	NATIVE PLUGS	EA	0.25	\$ 8,798.07	\$ 2,199.52	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	NATIVE SHRUBS	EA	9,240	\$ 3.68	\$ 34,003.20	9,240	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	SHADE TREES	EA	78	\$ 47.15	\$ 3,685.80	78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	EROSION CONTROL BLANKET	EA	11	\$ 833.09	\$ 9,163.98	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	EROSION CONTROL BLANKET	SY	2,300	\$ 3.04	\$ 6,992.00	2,300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	TEMPORARY SEDIMENT STRIP	SY	1,000	\$ 2.14	\$ 2,140.00	1,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	STONE OUTLET PROTECTION W/ FABRIC	TN	30	\$ 123.00	\$ 3,690.00	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	24" RCP FLARED END SECTION	EA	1	\$ 1,535.15	\$ 1,535.15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	ECONOMICAL BOARDWALK	LS	0	\$ 165,256.58	\$ 0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	ADDEDUCT - HELICAL PIERS	LF	0	\$ 22.16	\$ 0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	EXCAVATION & GRADING	CY	4,210	\$ 9.71	\$ 40,875.10	4,210	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	CLEAN SOIL TRANSPORT & DISPOSAL	CY	4,100	\$ 13.52	\$ 55,432.00	4,100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	STONE OVERFLOW W/ FABRIC	TN	140	\$ 121.15	\$ 16,961.00	140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	18" RCP CLASS V	LF	35	\$ 80.49	\$ 2,817.15	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	REDI-ROCK RETAINING WALL	EA	2	\$ 791.80	\$ 1,583.20	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	EROSION CONTROL BLANKET	SY	1,500	\$ 52.33	\$ 78,495.00	1,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	TEMPORARY SEEDING & STRAW MULCH	SY	2,240	\$ 3.04	\$ 6,809.60	2,240	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	PERMANENT SEEDING	EA	1	\$ 3,703.88	\$ 3,703.88	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	PERMANENT SEEDING	AC	0.40	\$ 8,758.07	\$ 3,503.23	0.40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	NATIVE PLUGS	EA	1,180	\$ 3.68	\$ 4,342.40	1,180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	ORNAMENTAL TREES	EA	62	\$ 60.45	\$ 3,747.90	62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	SHADE TREES	EA	7	\$ 811.72	\$ 5,682.04	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	SOD EDGING TRAIL INSTALLATION	SY	330	\$ 833.09	\$ 2,749.27	330	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	BITUMINOUS TRAIL INSTALLATION	SF	3,060	\$ 15.02	\$ 45,961.20	3,060	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	CHAIN LINK FENCE	LF	275	\$ 29.04	\$ 7,986.00	275	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	PUMP HOSE COUPLINGS	EA	1	\$ 5,800.00	\$ 5,800.00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	INTAKE STRAINER	LS	1	\$ 3,710.00	\$ 3,710.00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	SEDIMENT FILTER	EA	2	\$ 2,160.00	\$ 4,320.00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	CONTROLLER UPGRADE	EA	1	\$ 9,275.00	\$ 9,275.00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	ENCLOSURE	EA	1	\$ 2,650.00	\$ 2,650.00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	INSTALLATION	EA	1	\$ 6,360.00	\$ 6,360.00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	AQUA-SWIRL AS-6 BYP	EA	1	\$ 38,039.84	\$ 38,039.84	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	VORTEXGATE 16000	EA	1	\$ 97,778.91	\$ 97,778.91	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	STORMGATE HIGH FLOW BYPASS	EA	1	\$ 120,352.84	\$ 120,352.84	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	REMOVE & DISPOSE ASPHALT PAVING	SY	100	\$ 16.48	\$ 1,648.00	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	REMOVE & DISPOSE CONCRETE CURB	LF	50	\$ 9.79	\$ 489.50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	REMOVE & DISPOSE PIPING	LF	55	\$ 17.00	\$ 935.00	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	REMOVE & DISPOSE MANHOLE	EA	1	\$ 1,386.71	\$ 1,386.71	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	ROADWAY EXCAVATION	CY	800	\$ 5.81	\$ 4,648.00	800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	TRANSPORT & DISPOSE EXCAVATED MATERIAL	CY	800	\$ 10.04	\$ 8,032.00	800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	LANDSCAPE RESTORATION	SY	70	\$ 31.97	\$ 2,237.90	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	STRUCTURAL FILL	CY	800	\$ 21.70	\$ 17,360.00	800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	BITUMINOUS BASE	SY	100	\$ 42.72	\$ 4,272.00	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	MISHA ASPHALT SURFACE	TN	22	\$ 213.61	\$ 4,699.42	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	CONCRETE CURB & GUTTER	LF	50	\$ 64.08	\$ 3,204.00	50	0	0	0	0	0</														

Original Bid Form

Item No.	Item	Unit	Bid. Qty.	Unit Price	Total Price
A1-1	MOBILIZATION/DEMObILIZATION	LS	1	\$ 4,463.68	\$ 4,463.68
A1-2	TEMPORARY CONSTRUCTION ENTRANCE	EA	0	\$ 1,721.59	\$ -
A1-3	CLEARING & GRUBBING	AC	0.05	\$ 21,361.15	\$ 1,068.06
A1-4	EXCAVATION & GRADING	CY	200	\$ 12.26	\$ 2,452.00
A1-5	REMOVE & DISPOSE EXISTING RIPRAP	CY	0	\$ 33.24	\$ -
A1-6	CLEAN SOIL TRANSPORT & DISPOSAL	CY	0	\$ 13.52	\$ -
A1-7	ENGINEERED MIX B SOIL	CY	0	\$ 85.83	\$ -
A1-8	HARDWOOD MULCH	SY	0	\$ 10.68	\$ -
A1-9	RIVER COBBLE W/ FABRIC	TN	90	\$ 60.38	\$ 5,434.20
A1-10	NON-PERMEABLE GEOTEXTILE FABRIC	SY	245	\$ 2.89	\$ 708.05
A1-11	4" UNDERDRAIN	LF	115	\$ 26.00	\$ 2,990.00
A1-12	4" KNIFE GATE VALVE	EA	1	\$ 864.43	\$ 864.43
A1-13	4" ANIMAL GUARD OUTLET PROTECTION	EA	1	\$ 169.42	\$ 169.42
A1-14	21" X 15" CMP ARCH PIPE	LF	25	\$ 37.02	\$ 925.50
A1-15	EROSION CONTROL BLANKET	SY	0	\$ 3.20	\$ -
A1-16	SILT FENCE	LF	0	\$ 3.20	\$ -
A1-17	TEMPORARY SEEDING & STRAW MULCH	SY	0	\$ 2.14	\$ -
A1-18	WETLAND PLUGS	EA	0	\$ 4.25	\$ -
A1-19	SOD	SY	0	\$ 16.02	\$ -
A1-20	SHRUBS	EA	0	\$ 60.45	\$ -
A2-1	MOBILIZATION/DEMObILIZATION	LS	1	\$ 5,368.40	\$ 5,368.40
A2-2	EXCAVATION & GRADING	CY	600	\$ 9.25	\$ 5,550.00
A2-3	SEDIMENT TRANSPORT & DISPOSAL	CY	600	\$ 13.52	\$ 8,112.00
A2-4	HERBICIDE (X3 APPLICATIONS)	AC	0.80	\$ 2,990.56	\$ 2,392.45
A2-5	EROSION CONTROL BLANKET	SY	875	\$ 3.04	\$ 2,660.00
A2-6	PERMANENT SEEDING	AC	0.15	\$ 14,881.60	\$ 2,232.24
A2-7	WETLAND PLUGS	EA	3,240	\$ 3.68	\$ 11,923.20
A3-1	MOBILIZATION/DEMObILIZATION	LS	1	\$ 25,429.27	\$ 25,429.27
A3-2	REMOVE & DISPOSE GRAVEL TRAIL	SY	1,230	\$ 2.92	\$ 3,591.60
A3-3	BITUMINOUS TRAIL INSTALLATION	SF	9,455	\$ 1.68	\$ 14,938.90
A3-4	SOD EDGING	SY	800	\$ 12.82	\$ 10,256.00
A4-1	ENHANCED BOARDWALK (TO REPLACE BID ITEM 27)	LS	1	\$ 225,413.57	\$ 225,413.57
CO3-1	GROUND THAWING UNIT	LS	1	\$ 3,100.00	\$ 3,100.00
CO3-2	REMOVE BITUMINOUS TRAIL 50'X10'	LS	1	\$ 448.00	\$ 448.00
CO3-3	CONNECT TO 72" AND ADD EXISTING 72" SECTION	LS	1	\$ 1,500.00	\$ 1,500.00
CO3-4	REMOVE UP TO 16' OF 15" RCP	LS	1	\$ 500.00	\$ 500.00
CO3-5	INSTALL ADDED 48" MH	LS	1	\$ 6,105.00	\$ 6,105.00
CO3-6	CONNECT TO MH-1 TO BOX; INSTALL 15" RCP & CORING	LS	1	\$ 5,243.00	\$ 5,243.00
CO3-7	RESTORE 50'X10' BITUMINOUS TRAIL	LS	1	\$ 1,675.00	\$ 1,675.00
CO3-8	REMOVE & RE-INSTALL 50LF OF CHAIN LINK FENCE	LS	1	\$ 1,350.00	\$ 1,350.00
TOTAL BASE BID					\$ 1,650,260.46
TOTAL ADD ALTERNATE 1					\$ 19,075.34
TOTAL ADD ALTERNATE 2					\$ 38,238.29
TOTAL ADD ALTERNATE 3					\$ 54,215.77
TOTAL ADD ALTERNATE 4					\$ 225,413.57
CHANGE ORDER NO. 3 (MANHOLE 1 ADDITIONAL WORK)					\$ 19,921.00
TOTAL BID					\$ 2,007,124.43

Pay Final

Prj. Qty.	Month Qty. Installed	Net Qty. Installed	Disputed Qty.	Month Pay Request	Total Pay Request	Pay Disputed	Amount Remaining
1	0	0	0	\$ -	\$ -	\$ -	\$ 4,463.68
0	0	0	0	\$ -	\$ -	\$ -	\$ -
0.05	0	0.05	0	\$ -	\$ 1,068.06	\$ -	\$ -
200	0	0	0	\$ -	\$ -	\$ -	\$ 2,452.00
0	0	0	0	\$ -	\$ -	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
90	0	0	0	\$ -	\$ -	\$ -	\$ 5,434.20
245	0	0	0	\$ -	\$ -	\$ -	\$ 708.05
115	0	0	0	\$ -	\$ -	\$ -	\$ 2,990.00
1	0	0	0	\$ -	\$ -	\$ -	\$ 864.43
1	0	0	0	\$ -	\$ -	\$ -	\$ 169.42
25	0	0	0	\$ -	\$ -	\$ -	\$ 925.50
0	0	0	0	\$ -	\$ -	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
1	0.42	0.42	0	\$ 2,254.73	\$ 2,254.73	\$ -	\$ 3,113.67
600	420	600	0	\$ 3,885.00	\$ 5,550.00	\$ -	\$ -
600	600	600	0	\$ 8,112.00	\$ 8,112.00	\$ -	\$ -
1	0	0	0	\$ -	\$ -	\$ -	\$ 2,392.45
875	0	0	0	\$ -	\$ -	\$ -	\$ 2,660.00
0	0	0	0	\$ -	\$ -	\$ -	\$ 2,232.24
3,240	0	0	0	\$ -	\$ -	\$ -	\$ 11,923.20
1	0	0	0	\$ -	\$ -	\$ -	\$ 25,429.27
1,230	0	1103	0	\$ -	\$ 3,220.76	\$ -	\$ 370.84
9,455	0	0	0	\$ -	\$ -	\$ -	\$ 14,938.90
800	0	0	0	\$ -	\$ -	\$ -	\$ 10,256.00
1	0	0	0	\$ -	\$ -	\$ -	\$ 225,413.57
1	1	1	0	\$ 3,100.00	\$ 3,100.00	\$ -	\$ -
1	1	1	0	\$ 448.00	\$ 448.00	\$ -	\$ -
1	1	1	0	\$ 1,500.00	\$ 1,500.00	\$ -	\$ -
1	1	1	0	\$ 500.00	\$ 500.00	\$ -	\$ -
1	1	1	0	\$ 6,105.00	\$ 6,105.00	\$ -	\$ -
1	1	1	0	\$ 5,243.00	\$ 5,243.00	\$ -	\$ -
1	0	0	0	\$ -	\$ -	\$ -	\$ 1,675.00
1	0	0	0	\$ -	\$ -	\$ -	\$ 1,350.00
				\$ 151,221.75	\$ 1,178,909.79	\$ -	\$ 471,350.67
				\$ -	\$ 1,068.06	\$ -	\$ 18,007.28
				\$ 14,251.73	\$ 15,916.73	\$ -	\$ 22,321.56
				\$ -	\$ 3,220.76	\$ -	\$ 50,995.01
				\$ -	\$ -	\$ -	\$ 225,413.57
				\$ 16,896.00	\$ 16,896.00	\$ -	\$ 3,025.00
				\$ 182,369.48	\$ 1,216,011.34	\$ -	\$ 788,088.09

REQUEST FOR PAYMENT

DATE: May 7, 2019 FOR PERIOD: April 1, 2019 TO: April 30, 2019

PROJECT: Thompson Lake Sediment Removal and Storm Sewer Improvements

COUNTY PROJECT NO. C0030768

WENCK PROJECT NO. 1305-0033

SPECIFIED CONTRACT COMPLETION DATE: May 31, 2019

CONTRACTOR: Max Steininger, Inc.
ADDRESS: 3080 Lexington Ave South
Eagan, MN 55121

REQUEST FOR PAYMENT NO.: 7

SUMMARY:

1. Original Contract Amount		\$ 1,989,108.27
2. Contract Revisions/Alterations		\$ 42,408.06
Change Order No. 1 - Additional Tree Removals (Oct.)	\$ 18,691.02	
Change Order No. 1 - Additional Tree Removals (Nov.)	\$ 3,204.18	
Change Order No. 2 - Alternate 1 Deduct (Jan.)	\$ (23,800.04)	
Change Order No. 3 - Additional Work at MH-1 (Jan.)	\$ 19,921.00	
Change Order No. 4 - Culvert Relocation (May)	\$ 6,617.60	
Change Order No. 5 - Additional Subcut - Trail (May)	\$ 17,774.30	
3. Revised Contract Amount		\$ 2,031,516.33
4. Value Completed to Date		\$ 1,603,403.46
5. Material on Hand		\$ -
6. Amount Earned		\$ 1,603,403.46
7. Less Retainage <u>5%</u>		\$ 80,170.17
8. Sub-Total		\$ 1,523,233.29
9. Liquidated Damages		\$ -
10. Less Amount Paid Previously		\$ 1,218,548.40
11. TOTAL AMOUNT DUE THIS REQUEST FOR PAYMENT NO. <u>7</u>		\$ <u>304,684.89</u>

Approved By: **Dakota County**

John J. G. Petersen
City Engineer / Date

Recommended for Approval By:

Project Coordinator / Date

Finance Department / Date

Michelle Thiel 05/08/19
Contractor / Date

APPROVED - JOSH PETERSEN

Contract #: **C0030768**
GL /JL: **0770950200 ~ 59072**
Date: **May 16 2019**
Comments: **P00132**

Original Bid Form					
Item No.	Item	Unit	Bid. Qty.	Unit Price	Total Price
1	MOBILIZATION	LS	1	\$ 332,000.00	\$ 332,000.00
2	TEMPORARY CONSTRUCTION ENTRANCE	EA	2	\$ 1,721.59	\$ 3,443.18
3	CLEARING & GRUBBING	AC	1.55	\$ 10,680.57	\$ 16,554.88
4	TREE REMOVAL	EA	39	\$ 534.03	\$ 20,827.17
5	TEMPORARY ACCESS PATHS	SY	125	\$ 13.77	\$ 1,721.25
6	STAGING AREA RESTORATION	SY	950	\$ 6.94	\$ 6,593.00
7	ORANGE CONSTRUCTION FENCE	LF	380	\$ 2.14	\$ 813.20
8	TEMPORARY CHAIN LINK PANEL CONSTRUCTION FENCE	LF	1,040	\$ 9.81	\$ 9,994.40
9	REMOVE & DISPOSE BRIDGE	LS	1	\$ 8,073.84	\$ 8,073.84
10	REMOVE & DISPOSE BITUMINOUS TRAIL	SY	440	\$ 8.00	\$ 3,520.00
11	LAKE BOTTOM CONTAMINATED SEDIMENT DREDGING	CY	5,370	\$ 32.00	\$ 171,840.00
12	WETLAND CONTAMINATED SEDIMENT EXCAVATION	CY	340	\$ 23.20	\$ 7,888.00
13	CONTAMINATED SEDIMENT TRANSPORT & DISPOSAL	CY	5,710	\$ 43.55	\$ 248,670.50
14	STOCKPILE LINER & COVER	SY	6,300	\$ 1.63	\$ 10,269.00
15	SILT FENCE	LF	750	\$ 3.20	\$ 2,400.00
16	SILT CURTAIN	LF	1,150	\$ 16.02	\$ 18,423.00
17	EXCAVATION & GRADING	CY	2,865	\$ 9.72	\$ 27,847.80
18	CLEAN SEDIMENT TRANSPORT & DISPOSAL	CY	2,800	\$ 13.52	\$ 35,152.00
19	NATIVE SEEDING	AC	0.25	\$ 8,758.07	\$ 2,189.52
20	NATIVE PLUGS	EA	9,240	\$ 3.68	\$ 34,003.20
21	NATIVE SHRUBS	EA	78	\$ 60.45	\$ 4,715.10
22	SHADE TREES	EA	11	\$ 833.09	\$ 9,163.99
23	EROSION CONTROL BLANKET	SY	2,200	\$ 3.04	\$ 6,688.00
24	TEMPORARY SEEDING & STRAW MULCH	SY	1,000	\$ 2.14	\$ 2,140.00
25	STONE OUTLET PROTECTION W/ FABRIC	TN	30	\$ 123.61	\$ 3,708.30
26	24" RCP FLARED END SECTION	EA	1	\$ 1,539.15	\$ 1,539.15
27	ECONOMICAL BOARDWALK	LS	0	\$ 166,266.58	-
27.5	ADD/DEDUCT - HELICAL PIERS	LF	0	\$ 22.16	-
28	EXCAVATION & GRADING	CY	4,210	\$ 9.71	\$ 40,879.10
29	CLEAN SOIL TRANSPORT & DISPOSAL	CY	4,100	\$ 13.52	\$ 55,432.00
30	STONE OVERFLOW W/ FABRIC	TN	140	\$ 121.18	\$ 16,962.40
31	18" RCP CLASS V	LF	35	\$ 80.49	\$ 2,817.15
32	18" RCP FLARED END SECTIONS	EA	2	\$ 791.60	\$ 1,583.20
33	REDI-ROCK RETAINING WALL	SF	1,500	\$ 52.33	\$ 78,495.00
34	EROSION CONTROL BLANKET	SY	2,240	\$ 3.04	\$ 6,809.60
35	TEMPORARY SEEDING & STRAW MULCH	SY	500	\$ 2.14	\$ 1,070.00
36	SEDIMENT DEWATERING BAG	EA	1	\$ 3,703.88	\$ 3,703.88
37	PERMANENT SEEDING	AC	0.40	\$ 8,758.07	\$ 3,503.23
38	NATIVE PLUGS	EA	1,180	\$ 3.68	\$ 4,342.40
39	SHRUBS	EA	62	\$ 60.45	\$ 3,747.90
40	ORNAMENTAL TREES	EA	7	\$ 811.72	\$ 5,682.04
41	SHADE TREES	EA	3	\$ 833.09	\$ 2,499.27
42	SOD EDGING	SY	330	\$ 16.02	\$ 5,286.60
43	BITUMINOUS TRAIL INSTALLATION	SF	3,060	\$ 1.95	\$ 5,967.00
44	CHAIN LINK FENCE	LF	275	\$ 26.84	\$ 7,391.00
45	PUMP	EA	1	\$ 5,830.00	\$ 5,830.00
46	PIPES, HOSE, COUPLINGS	LS	1	\$ 3,710.00	\$ 3,710.00
47	INTAKE STRAINER	EA	2	\$ 1,590.00	\$ 3,180.00
48	SEDIMENT FILTER	EA	1	\$ 2,650.00	\$ 2,650.00
49	CONTROLLER UPGRADE	LS	1	\$ 9,275.00	\$ 9,275.00
50	ENCLOSURE	EA	1	\$ 2,650.00	\$ 2,650.00
51	INSTALLATION	LS	1	\$ 6,360.00	\$ 6,360.00
52	AQUA-SWIRL AS-6 BYP	EA	1	\$ 38,039.84	\$ 38,039.84
53	VORTECH 16000	EA	1	\$ 97,776.91	\$ 97,776.91
54	STORMGATE HIGH FLOW BYPASS	EA	1	\$ 120,352.84	\$ 120,352.84
55	REMOVE & DISPOSE ASPHALT PAVING	SY	100	\$ 16.48	\$ 1,648.00
56	REMOVE & DISPOSE CONCRETE CURB	LF	50	\$ 9.79	\$ 489.50
57	REMOVE & DISPOSE PIPING	LF	55	\$ 17.00	\$ 935.00
58	REMOVE & DISPOSE MANHOLE	EA	1	\$ 1,386.71	\$ 1,386.71
59	ROADWAY EXCAVATION	CY	800	\$ 7.27	\$ 5,816.00
60	TRANSPORT & DISPOSE EXCAVATED MATERIAL	CY	800	\$ 10.04	\$ 8,032.00
61	LANDSCAPE RESTORATION	SY	70	\$ 31.97	\$ 2,237.90
62	STRUCTURAL FILL	CY	800	\$ 21.70	\$ 17,360.00
63	BITUMINOUS BASE	SY	100	\$ 42.72	\$ 4,272.00
64	MSHA ASPHALT SURFACE	TN	22	\$ 213.61	\$ 4,699.42
65	CONCRETE CURB & GUTTER	LF	50	\$ 64.09	\$ 3,204.50
66	144" MANHOLE	EA	1	\$ 43,765.73	\$ 43,765.73
67	24" RCP CLASS V W/ GASKET	LF	12	\$ 158.73	\$ 1,904.76
68	72" RCP CLASS II W/ GASKET	LF	23	\$ 542.12	\$ 12,468.76
69	72" RCP FLARED END SECTION	EA	1	\$ 5,672.09	\$ 5,672.09
70	OUTLET PROTECTION RIPRAP W/ FABRIC	TN	35	\$ 123.17	\$ 4,310.95
71	TRAFFIC CONTROL	DAY	5	\$ 1,068.06	\$ 5,340.30

Pay Final								
Prj. Qty.	Month Qty. Installed	Net Qty. Installed	Disputed Qty.	Month Pay Request	Total Pay Request	Pay Disputed	Amount Remaining	
1	0.000	0.500	0	\$ -	\$ 168,000.00	\$ -	\$ 168,000.00	
2	0	2	0	\$ -	\$ 3,443.18	\$ -	\$ -	
1.55	0	1.55	0	\$ -	\$ 16,554.88	\$ -	\$ -	
33	0	39	0	\$ -	\$ 20,827.17	\$ -	\$ -	
125	0	65	0	\$ -	\$ 895.05	\$ -	\$ -	825.20
950	0	0	0	\$ -	\$ -	\$ -	\$ -	6,593.00
380	0	255	0	\$ -	\$ 545.70	\$ -	\$ -	267.50
1,040	0	820	0	\$ -	\$ 7,880.20	\$ -	\$ -	2,114.20
1	0	1	0	\$ -	\$ 8,073.84	\$ -	\$ -	-
440	0	320	0	\$ -	\$ 2,560.00	\$ -	\$ -	960.00
5,370	0	5120	0	\$ -	\$ 165,840.00	\$ -	\$ -	8,000.00
340	0	336	0	\$ -	\$ 7,795.20	\$ -	\$ -	92.80
5,710	0	5455	0	\$ -	\$ 237,808.80	\$ -	\$ -	11,061.70
6,300	0	4445	0	\$ -	\$ 7,245.35	\$ -	\$ -	3,023.65
750	0	268	0	\$ -	\$ 851.20	\$ -	\$ -	1,548.80
1,150	0	1100	0	\$ -	\$ 17,622.00	\$ -	\$ -	801.00
2,865	0	2865	0	\$ -	\$ 27,847.80	\$ -	\$ -	-
2,800	0	2600	0	\$ -	\$ 35,152.00	\$ -	\$ -	-
0	0	0	0	\$ -	\$ -	\$ -	\$ -	2,189.52
9,240	0	0	0	\$ -	\$ -	\$ -	\$ -	34,003.20
78	0	0	0	\$ -	\$ -	\$ -	\$ -	4,715.10
11	0	0	0	\$ -	\$ -	\$ -	\$ -	9,163.99
2,200	0	0	0	\$ -	\$ -	\$ -	\$ -	6,688.00
1,000	0	0	0	\$ -	\$ -	\$ -	\$ -	2,140.00
30	0	0	0	\$ -	\$ -	\$ -	\$ -	3,708.30
1	0	0	0	\$ -	\$ -	\$ -	\$ -	1,539.15
0	0	0	0	\$ -	\$ -	\$ -	\$ -	-
0	-43	-43	0	\$ (952.88)	\$ (952.88)	\$ -	\$ -	952.88
4,210	0	3789	0	\$ -	\$ 38,791.19	\$ -	\$ -	4,087.91
4,100	0	3690	0	\$ -	\$ 49,888.80	\$ -	\$ -	5,543.20
140	0	0	0	\$ -	\$ -	\$ -	\$ -	18,962.40
35	0	0	0	\$ -	\$ -	\$ -	\$ -	2,817.15
2	0	0	0	\$ -	\$ -	\$ -	\$ -	1,583.20
1,500	0	0	0	\$ -	\$ -	\$ -	\$ -	78,495.00
2,240	0	0	0	\$ -	\$ -	\$ -	\$ -	6,809.60
500	0	0	0	\$ -	\$ -	\$ -	\$ -	1,070.00
1	0	0	0	\$ -	\$ -	\$ -	\$ -	3,703.88
0	0	0	0	\$ -	\$ -	\$ -	\$ -	3,503.23
1,180	0	0	0	\$ -	\$ -	\$ -	\$ -	4,342.40
62	0	0	0	\$ -	\$ -	\$ -	\$ -	3,747.90
7	0	0	0	\$ -	\$ -	\$ -	\$ -	5,682.04
3	0	0	0	\$ -	\$ -	\$ -	\$ -	2,499.27
330	0	0	0	\$ -	\$ -	\$ -	\$ -	5,286.60
3,060	0	0	0	\$ -	\$ -	\$ -	\$ -	5,967.00
275	0	0	0	\$ -	\$ -	\$ -	\$ -	7,931.00
1	0	0	0	\$ -	\$ -	\$ -	\$ -	5,830.00
1	0	0	0	\$ -	\$ -	\$ -	\$ -	3,710.00
2	0	0	0	\$ -	\$ -	\$ -	\$ -	3,180.00
1	0	0	0	\$ -	\$ -	\$ -	\$ -	2,650.00
1	0	0	0	\$ -	\$ -	\$ -	\$ -	9,275.00
1	0	0	0	\$ -	\$ -	\$ -	\$ -	2,650.00
1	0	0	0	\$ -	\$ -	\$ -	\$ -	6,360.00
1	0	1	0	\$ -	\$ 38,039.84	\$ -	\$ -	-
1	0	1	0	\$ -	\$ 97,778.91	\$ -	\$ -	-
1	0	1	0	\$ -	\$ 120,352.84	\$ -	\$ -	-
100	0	100	0	\$ -	\$ 1,648.00	\$ -	\$ -	-
50	0	50	0	\$ -	\$ 489.50	\$ -	\$ -	-
55	0	55	0	\$ -	\$ 935.00	\$ -	\$ -	-
1	0	1	0	\$ -	\$ 1,386.71	\$ -	\$ -	-
800	0	800	0	\$ -	\$ 5,816.00	\$ -	\$ -	-
800	0	800	0	\$ -	\$ 8,032.00	\$ -	\$ -	-
70	0	0	0	\$ -	\$ -	\$ -	\$ -	2,237.90
800	0	800	0	\$ -	\$ 17,360.00	\$ -	\$ -	-
100	0	100	0	\$ -	\$ 4,272.00	\$ -	\$ -	-
22	0	8	0	\$ -	\$ 1,709.88	\$ -	\$ -	2,990.54
50	0	0	0	\$ -	\$ -	\$ -	\$ -	3,204.50
1	0	1	0	\$ -	\$ 43,765.73	\$ -	\$ -	-
12	0	12	0	\$ -	\$ 1,904.76	\$ -	\$ -	-
23	0	15	0	\$ -	\$ 8,673.92	\$ -	\$ -	3,794.84
1	0	1	0	\$ -	\$ 5,672.09	\$ -	\$ -	-
35	0	35	0	\$ -	\$ 4,310.95	\$ -	\$ -	-
5	0	5	0	\$ -	\$ 5,340.30	\$ -	\$ -	-

Original Bid Form

Item No.	Item	Unit	Bid. Qty.	Unit Price	Total Price
A1-1	MOBILIZATION/DEMOBILIZATION	LS	1	\$ 4,463.68	\$ 4,463.68
A1-2	TEMPORARY CONSTRUCTION ENTRANCE	EA	0	\$ 1,721.59	\$ -
A1-3	CLEARING & GRUBBING	AC	0.05	\$ 21,361.15	\$ 1,068.06
A1-4	EXCAVATION & GRADING	CY	200	\$ 12.26	\$ 2,452.00
A1-5	REMOVE & DISPOSE EXISTING RIPRAP	CY	0	\$ 33.24	\$ -
A1-6	CLEAN SOIL TRANSPORT & DISPOSAL	CY	0	\$ 13.52	\$ -
A1-7	ENGINEERED MIX B SOIL	CY	0	\$ 85.83	\$ -
A1-8	HARDWOOD MULCH	SY	0	\$ 10.68	\$ -
A1-9	RIVER COBBLE W/ FABRIC	TN	90	\$ 60.38	\$ 5,434.20
A1-10	NON-PERMEABLE GEOTEXTILE FABRIC	SY	245	\$ 2.89	\$ 708.05
A1-11	4" UNDERDRAIN	LF	115	\$ 26.00	\$ 2,990.00
A1-12	4" KNIFE GATE VALVE	EA	1	\$ 864.43	\$ 864.43
A1-13	4" ANIMAL GUARD OUTLET PROTECTION	EA	1	\$ 169.42	\$ 169.42
A1-14	21" X 15" CMP ARCH PIPE	LF	25	\$ 37.02	\$ 925.50
A1-15	EROSION CONTROL BLANKET	SY	0	\$ 3.20	\$ -
A1-16	SILT FENCE	LF	0	\$ 3.20	\$ -
A1-17	TEMPORARY SEEDING & STRAW MULCH	SY	0	\$ 2.14	\$ -
A1-18	WETLAND PLUGS	EA	0	\$ 4.25	\$ -
A1-19	SOD	SY	0	\$ 16.02	\$ -
A1-20	SHRUBS	EA	0	\$ 60.45	\$ -
A2-1	MOBILIZATION/DEMOBILIZATION	LS	1	\$ 5,368.40	\$ 5,368.40
A2-2	EXCAVATION & GRADING	CY	600	\$ 9.25	\$ 5,550.00
A2-3	SEDIMENT TRANSPORT & DISPOSAL	CY	600	\$ 13.52	\$ 8,112.00
A2-4	HERBICIDE (X3 APPLICATIONS)	AC	0.80	\$ 2,990.56	\$ 2,392.45
A2-5	EROSION CONTROL BLANKET	SY	875	\$ 3.04	\$ 2,660.00
A2-6	PERMANENT SEEDING	AC	0.15	\$ 14,881.60	\$ 2,232.24
A2-7	WETLAND PLUGS	EA	3,240	\$ 3.68	\$ 11,923.20
A3-1	MOBILIZATION/DEMOBILIZATION	LS	1	\$ 25,429.27	\$ 25,429.27
A3-2	REMOVE & DISPOSE GRAVEL TRAIL	SY	1,230	\$ 2.92	\$ 3,591.60
A3-3	BITUMINOUS TRAIL INSTALLATION	SF	9,455	\$ 1.58	\$ 14,938.90
A3-4	SOD EDGING	SY	800	\$ 12.82	\$ 10,256.00
A4-1	ENHANCED BOARDWALK (TO REPLACE BID ITEM 27)	LS	1	\$ 225,413.57	\$ 225,413.57
C03-1	GROUND THAWING UNIT	LS	1	\$ 3,100.00	\$ 3,100.00
C03-2	REMOVE BITUMINOUS TRAIL 50'X10'	LS	1	\$ 448.00	\$ 448.00
C03-3	CONNECT TO 72" AND ADD EXISTING 72" SECTION	LS	1	\$ 1,500.00	\$ 1,500.00
C03-4	REMOVE UP TO 16' OF 15" RCP	LS	1	\$ 500.00	\$ 500.00
C03-5	INSTALL ADDED 48" MH	LS	1	\$ 6,105.00	\$ 6,105.00
C03-6	CONNECT TO MH-1 TO BOX; INSTALL 15" RCP & CORING	LS	1	\$ 5,243.00	\$ 5,243.00
C03-7	RESTORE 50'X10' BITUMINOUS TRAIL	LS	1	\$ 1,675.00	\$ 1,675.00
C03-8	REMOVE & RE-INSTALL 50LF OF CHAIN LINK FENCE	LS	1	\$ 1,350.00	\$ 1,350.00
TOTAL BASE BID					\$ 1,650,260.46
TOTAL ADD ALTERNATE 1					\$ 19,075.34
TOTAL ADD ALTERNATE 2					\$ 38,238.29
TOTAL ADD ALTERNATE 3					\$ 54,215.77
TOTAL ADD ALTERNATE 4					\$ 225,413.57
CHANGE ORDER NO. 3 (MANHOLE 1 ADDITIONAL WORK)					\$ 19,921.00
TOTAL BID					\$ 2,007,124.43

Pay Final

Prj. Qty.	Month Qty. Installed	Net Qty. Installed	Disputed Qty.	Month Pay Request	Total Pay Request	Pay Disputed	Amount Remaining
1	0	0	0	\$ -	\$ -	\$ -	\$ 4,463.68
0	0	0	0	\$ -	\$ -	\$ -	\$ -
0.05	0	0.05	0	\$ -	\$ 1,068.06	\$ -	\$ -
200	0	0	0	\$ -	\$ -	\$ -	\$ 2,452.00
0	0	0	0	\$ -	\$ -	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
90	0	0	0	\$ -	\$ -	\$ -	\$ 5,434.20
245	0	0	0	\$ -	\$ -	\$ -	\$ 708.05
115	0	0	0	\$ -	\$ -	\$ -	\$ 2,990.00
1	0	0	0	\$ -	\$ -	\$ -	\$ 864.43
1	0	0	0	\$ -	\$ -	\$ -	\$ 169.42
25	0	0	0	\$ -	\$ -	\$ -	\$ 925.50
0	0	0	0	\$ -	\$ -	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
1	0.00	0.42	0	\$ -	\$ 2,254.73	\$ -	\$ 3,113.67
600	0	600	0	\$ -	\$ 5,550.00	\$ -	\$ -
600	0	600	0	\$ -	\$ 8,112.00	\$ -	\$ -
1	0	0	0	\$ -	\$ -	\$ -	\$ 2,392.45
875	0	0	0	\$ -	\$ -	\$ -	\$ 2,660.00
0	0	0	0	\$ -	\$ -	\$ -	\$ 2,232.24
3,240	0	0	0	\$ -	\$ -	\$ -	\$ 11,923.20
1	0	0	0	\$ -	\$ -	\$ -	\$ 25,429.27
1,230	0	1103	0	\$ -	\$ 3,220.76	\$ -	\$ 370.84
9,455	0	0	0	\$ -	\$ -	\$ -	\$ 14,938.90
800	0	0	0	\$ -	\$ -	\$ -	\$ 10,256.00
1	0.3	0.3	0	\$ 67,624.07	\$ 67,624.07	\$ -	\$ 157,789.50
1	0	1	0	\$ -	\$ 3,100.00	\$ -	\$ -
1	0	1	0	\$ -	\$ 448.00	\$ -	\$ -
1	0	1	0	\$ -	\$ 1,500.00	\$ -	\$ -
1	0	1	0	\$ -	\$ 500.00	\$ -	\$ -
1	0	1	0	\$ -	\$ 6,105.00	\$ -	\$ -
1	0	1	0	\$ -	\$ 5,243.00	\$ -	\$ -
1	0	0	0	\$ -	\$ -	\$ -	\$ 1,675.00
1	0	0	0	\$ -	\$ -	\$ -	\$ 1,350.00
				\$ (952.88)	\$ 1,177,956.91	\$ -	\$ 472,303.55
				\$ -	\$ 1,068.06	\$ -	\$ 18,007.28
				\$ -	\$ 15,916.73	\$ -	\$ 22,321.56
				\$ -	\$ 3,220.76	\$ -	\$ 50,995.01
				\$ 67,624.07	\$ 67,624.07	\$ -	\$ 157,789.50
				\$ -	\$ 16,896.00	\$ -	\$ 3,025.00
				\$ 66,671.19	\$ 1,282,682.53	\$ -	\$ 721,416.90

		Original Bid Form			
Item No.	Item	Unit	Bld. Qty.	Unit Price	Total Price
1	MOBILIZATION	LS	1	\$ 332,000.00	\$ 332,000.00
2	TEMPORARY CONSTRUCTION ENTRANCE	EA	2	\$ 1,721.59	\$ 3,443.18
3	CLEARING & GRUBBING	AC	1.55	\$ 10,680.57	\$ 16,554.88
4	TREE REMOVAL	EA	39	\$ 534.03	\$ 20,827.17
5	TEMPORARY ACCESS PATHS	SY	125	\$ 13.77	\$ 1,721.25
6	STAGING AREA RESTORATION	SY	950	\$ 6.94	\$ 6,593.00
7	ORANGE CONSTRUCTION FENCE	LF	380	\$ 2.14	\$ 813.20
8	TEMPORARY CHAIN LINK PANEL CONSTRUCTION FENCE	LF	1,040	\$ 9.61	\$ 9,994.40
9	REMOVE & DISPOSE BRIDGE	LS	1	\$ 8,073.84	\$ 8,073.84
10	REMOVE & DISPOSE BITUMINOUS TRAIL	SY	440	\$ 8.00	\$ 3,520.00
11	LAKE BOTTOM CONTAMINATED SEDIMENT DREDGING	CY	5,370	\$ 32.00	\$ 171,840.00
12	WETLAND CONTAMINATED SEDIMENT EXCAVATION	CY	340	\$ 23.20	\$ 7,888.00
13	CONTAMINATED SEDIMENT TRANSPORT & DISPOSAL	CY	5,710	\$ 43.55	\$ 248,670.50
14	STOCKPILE LINER & COVER	SY	6,300	\$ 1.63	\$ 10,269.00
15	SILT FENCE	LF	750	\$ 3.20	\$ 2,400.00
16	SILT CURTAIN	LF	1,150	\$ 16.02	\$ 18,423.00
17	EXCAVATION & GRADING	CY	2,865	\$ 9.72	\$ 27,847.80
18	CLEAN SEDIMENT TRANSPORT & DISPOSAL	CY	2,600	\$ 13.52	\$ 35,152.00
19	NATIVE SEEDING	AC	0.25	\$ 8,758.07	\$ 2,189.52
20	NATIVE PLUGS	EA	9,240	\$ 3.68	\$ 34,003.20
21	NATIVE SHRUBS	EA	78	\$ 60.45	\$ 4,715.10
22	SHADE TREES	EA	11	\$ 893.09	\$ 9,823.99
23	EROSION CONTROL BLANKET	SY	2,200	\$ 3.04	\$ 6,688.00
24	TEMPORARY SEEDING & STRAW MULCH	SY	1,000	\$ 2.14	\$ 2,140.00
25	STONE OUTLET PROTECTION W/ FABRIC	TN	30	\$ 123.61	\$ 3,708.30
26	24" RCP FLARED END SECTION	EA	1	\$ 1,539.15	\$ 1,539.15
27	ECONOMICAL BOARDWALK	LS	0	\$ 166,296.58	\$ -
27.5	ADD/DEDUCT - HELICAL PIERS	LF	0	\$ 22.16	\$ -
28	EXCAVATION & GRADING	CY	4,210	\$ 9.71	\$ 40,879.10
29	CLEAN SOIL TRANSPORT & DISPOSAL	CY	4,100	\$ 13.52	\$ 55,432.00
30	STONE OVERFLOW W/ FABRIC	TN	140	\$ 121.16	\$ 16,962.40
31	18" RCP CLASS V	LF	35	\$ 80.49	\$ 2,817.15
32	18" RCP FLARED END SECTIONS	EA	2	\$ 791.60	\$ 1,583.20
33	REDI-ROCK RETAINING WALL	SF	1,500	\$ 52.33	\$ 78,495.00
34	EROSION CONTROL BLANKET	SY	2,240	\$ 3.04	\$ 6,809.60
35	TEMPORARY SEEDING & STRAW MULCH	SY	500	\$ 2.14	\$ 1,070.00
36	SEDIMENT DEWATERING BAG	EA	1	\$ 3,703.88	\$ 3,703.88
37	PERMANENT SEEDING	AC	0.40	\$ 8,758.07	\$ 3,503.23
38	NATIVE PLUGS	EA	1,180	\$ 3.68	\$ 4,342.40
39	SHRUBS	EA	62	\$ 60.45	\$ 3,747.90
40	ORNAMENTAL TREES	EA	7	\$ 811.72	\$ 5,682.04
41	SHADE TREES	EA	3	\$ 893.09	\$ 2,699.27
42	SOD EDGING	SY	330	\$ 16.02	\$ 5,286.60
43	BITUMINOUS TRAIL INSTALLATION	SF	3,060	\$ 1.95	\$ 5,967.00
44	CHAIN LINK FENCE	LF	275	\$ 28.84	\$ 7,931.00
45	PUMP	EA	1	\$ 5,830.00	\$ 5,830.00
46	PIPES, HOSE, COUPLINGS	LS	1	\$ 3,710.00	\$ 3,710.00
47	INTAKE STRAINER	EA	2	\$ 1,990.00	\$ 3,980.00
48	SEDIMENT FILTER	EA	1	\$ 2,850.00	\$ 2,850.00
49	CONTROLLER UPGRADE	LS	1	\$ 9,275.00	\$ 9,275.00
50	ENCLOSURE	EA	1	\$ 2,650.00	\$ 2,650.00
51	INSTALLATION	LS	1	\$ 6,360.00	\$ 6,360.00
52	AQUA-SWIRL AS-6 BYP	EA	1	\$ 38,039.84	\$ 38,039.84
53	VORTECH 16000	EA	1	\$ 97,778.91	\$ 97,778.91
54	STORMGATE HIGH FLOW BYPASS	EA	1	\$ 120,352.84	\$ 120,352.84
55	REMOVE & DISPOSE ASPHALT PAVING	SY	100	\$ 16.48	\$ 1,648.00
56	REMOVE & DISPOSE CONCRETE CURB	LF	50	\$ 9.79	\$ 489.50
57	REMOVE & DISPOSE PIPING	LF	55	\$ 17.00	\$ 935.00
58	REMOVE & DISPOSE MANHOLE	EA	1	\$ 1,386.71	\$ 1,386.71
59	ROADWAY EXCAVATION	CY	800	\$ 7.27	\$ 5,816.00
60	TRANSPORT & DISPOSE EXCAVATED MATERIAL	CY	800	\$ 10.04	\$ 8,032.00
61	LANDSCAPE RESTORATION	SY	70	\$ 31.97	\$ 2,237.90
62	STRUCTURAL FILL	CY	800	\$ 21.70	\$ 17,360.00
63	BITUMINOUS BASE	SY	100	\$ 42.72	\$ 4,272.00
64	MSHA ASPHALT SURFACE	TN	22	\$ 213.61	\$ 4,699.42
65	CONCRETE CURB & GUTTER	LF	50	\$ 64.09	\$ 3,204.50
66	144" MANHOLE	EA	1	\$ 43,765.73	\$ 43,765.73
67	24" RCP CLASS V W/ GASKET	LF	12	\$ 158.73	\$ 1,904.76
68	72" RCP CLASS II W/ GASKET	LF	23	\$ 542.12	\$ 12,468.76
69	72" RCP FLARED END SECTION	EA	1	\$ 5,672.09	\$ 5,672.09
70	OUTLET PROTECTION RIPRAP W/ FABRIC	TN	35	\$ 123.17	\$ 4,310.95
71	TRAFFIC CONTROL	DAY	5	\$ 1,068.06	\$ 5,340.30

Pay Final							
Prj. Qty.	Month Qty. Installed	Net Qty. Installed	Disputed Qty.	Month Pay Request	Total Pay Request	Pay Disputed	Amount Remaining
1	0.200	0.700	0	\$ 66,400.00	\$ 232,400.00	\$ -	\$ 99,600.00
2	0	2	0	\$ -	\$ 3,443.18	\$ -	\$ -
1.55	0	1.55	0	\$ -	\$ 16,554.88	\$ -	\$ -
33	0	39	0	\$ -	\$ 20,827.17	\$ -	\$ -
125	0	85	0	\$ -	\$ 896.05	\$ -	\$ 826.20
950	0	0	0	\$ -	\$ -	\$ -	\$ 6,593.00
380	0	255	0	\$ -	\$ 545.70	\$ -	\$ 267.50
1,040	0	820	0	\$ -	\$ 7,880.20	\$ -	\$ 2,114.20
1	0	1	0	\$ -	\$ 8,073.84	\$ -	\$ -
440	0	320	0	\$ -	\$ 2,560.00	\$ -	\$ 960.00
5,370	0	5120	0	\$ -	\$ 163,840.00	\$ -	\$ 8,000.00
340	0	336	0	\$ -	\$ 7,795.20	\$ -	\$ 92.80
5,710	0	5456	0	\$ -	\$ 237,608.80	\$ -	\$ 11,061.70
6,300	0	4445	0	\$ -	\$ 7,245.35	\$ -	\$ 3,023.65
750	0	288	0	\$ -	\$ 851.20	\$ -	\$ 1,548.80
1,150	0	1100	0	\$ -	\$ 17,822.00	\$ -	\$ 801.00
2,865	0	2865	0	\$ -	\$ 27,847.80	\$ -	\$ -
2,600	0	2600	0	\$ -	\$ 35,152.00	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ 2,189.52
9,240	0	0	0	\$ -	\$ -	\$ -	\$ 34,003.20
78	0	0	0	\$ -	\$ -	\$ -	\$ 4,715.10
11	0	0	0	\$ -	\$ -	\$ -	\$ 9,823.99
2,200	0	0	0	\$ -	\$ -	\$ -	\$ 6,688.00
1,000	1000	1000	0	\$ 2,140.00	\$ 2,140.00	\$ -	\$ -
30	30	30	0	\$ 3,708.30	\$ 3,708.30	\$ -	\$ -
1	1	1	0	\$ 1,539.15	\$ 1,539.15	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
0	0	-43	0	\$ -	\$ (952.88)	\$ -	\$ 952.88
4,210	421	4210	0	\$ 4,087.91	\$ 40,879.10	\$ -	\$ -
4,100	410	4100	0	\$ 5,543.20	\$ 55,432.00	\$ -	\$ -
140	140	140	0	\$ 16,962.40	\$ 16,962.40	\$ -	\$ -
35	30	30	0	\$ 2,414.70	\$ 2,414.70	\$ -	\$ 402.45
2	2	2	0	\$ 1,583.20	\$ 1,583.20	\$ -	\$ -
1,500	1500	1500	0	\$ 78,495.00	\$ 78,495.00	\$ -	\$ -
2,240	0	0	0	\$ -	\$ -	\$ -	\$ 6,809.60
500	500	500	0	\$ 1,070.00	\$ 1,070.00	\$ -	\$ -
1	0	0	0	\$ -	\$ -	\$ -	\$ 3,703.88
0	0	0	0	\$ -	\$ -	\$ -	\$ 3,503.23
1,180	0	0	0	\$ -	\$ -	\$ -	\$ 4,342.40
62	0	0	0	\$ -	\$ -	\$ -	\$ 3,747.90
7	0	0	0	\$ -	\$ -	\$ -	\$ 5,682.04
3	0	0	0	\$ -	\$ -	\$ -	\$ 2,499.27
330	0	0	0	\$ -	\$ -	\$ -	\$ 5,286.60
3,060	0	0	0	\$ -	\$ -	\$ -	\$ 5,967.00
275	0	0	0	\$ -	\$ -	\$ -	\$ 7,931.00
1	0	0	0	\$ -	\$ -	\$ -	\$ 5,830.00
1	0	0	0	\$ -	\$ -	\$ -	\$ 3,710.00
2	0	0	0	\$ -	\$ -	\$ -	\$ 3,780.00
1	0	0	0	\$ -	\$ -	\$ -	\$ 2,650.00
1	0	0	0	\$ -	\$ -	\$ -	\$ 9,275.00
1	0	0	0	\$ -	\$ -	\$ -	\$ 2,650.00
1	0	0	0	\$ -	\$ -	\$ -	\$ 6,360.00
1	0	1	0	\$ -	\$ 38,039.84	\$ -	\$ -
1	0	1	0	\$ -	\$ 97,778.91	\$ -	\$ -
1	0	1	0	\$ -	\$ 120,352.84	\$ -	\$ -
100	0	100	0	\$ -	\$ 1,648.00	\$ -	\$ -
50	0	50	0	\$ -	\$ 489.50	\$ -	\$ -
55	0	55	0	\$ -	\$ 935.00	\$ -	\$ -
1	0	1	0	\$ -	\$ 1,386.71	\$ -	\$ -
800	0	800	0	\$ -	\$ 5,816.00	\$ -	\$ -
800	0	800	0	\$ -	\$ 8,032.00	\$ -	\$ -
70	0	0	0	\$ -	\$ -	\$ -	\$ 2,237.90
800	0	800	0	\$ -	\$ 17,360.00	\$ -	\$ -
100	0	100	0	\$ -	\$ 4,272.00	\$ -	\$ -
22	0	8	0	\$ -	\$ 1,705.88	\$ -	\$ 2,980.54
50	0	0	0	\$ -	\$ -	\$ -	\$ 3,204.50
1	0	1	0	\$ -	\$ 43,765.73	\$ -	\$ -
12	0	12	0	\$ -	\$ 1,904.76	\$ -	\$ -
23	0	16	0	\$ -	\$ 8,673.92	\$ -	\$ 3,794.84
1	0	1	0	\$ -	\$ 5,672.09	\$ -	\$ -
35	17	52	0	\$ 2,093.89	\$ 8,404.84	\$ -	\$ (2,093.89)
5	0	5	0	\$ -	\$ 5,340.30	\$ -	\$ -

Original Bid Form				
Item No.	Item	Unit	Bid. Qty.	Unit Price
A1-1	MOBILIZATION/DEMOLITION	LS	1	\$ 4,463.68
A1-2	TEMPORARY CONSTRUCTION ENTRANCE	EA	0	\$ 1,721.59
A1-3	CLEARING & GRUBBING	AC	0.05	\$ 21,361.15
A1-4	EXCAVATION & GRADING	CY	200	\$ 12.28
A1-5	REMOVE & DISPOSE EXISTING RIPRAP	CY	0	\$ 33.24
A1-6	CLEAN SOIL TRANSPORT & DISPOSAL	CY	0	\$ 13.52
A1-7	ENGINEERED MIX B SOIL	CY	0	\$ 85.83
A1-8	HARDWOOD MULCH	SY	0	\$ 10.68
A1-9	RIVER COBBLE W/ FABRIC	TN	90	\$ 60.38
A1-10	NON-PERMEABLE GEOTEXTILE FABRIC	SY	245	\$ 2.89
A1-11	4" UNDERDRAIN	LF	115	\$ 26.00
A1-12	4" KNIFE GATE VALVE	EA	1	\$ 864.43
A1-13	4" ANIMAL GUARD OUTLET PROTECTION	EA	1	\$ 169.42
A1-14	21" X 15" CMP ARCH PIPE	LF	25	\$ 37.02
A1-15	EROSION CONTROL BLANKET	SY	0	\$ 3.20
A1-16	SILT FENCE	LF	0	\$ 3.20
A1-17	TEMPORARY SEEDING & STRAW MULCH	SY	0	\$ 2.14
A1-18	WETLAND PLUGS	EA	0	\$ 4.25
A1-19	SOD	SY	0	\$ 16.02
A1-20	SHRUBS	EA	0	\$ 60.45
A2-1	MOBILIZATION/DEMOLITION	LS	1	\$ 5,368.40
A2-2	EXCAVATION & GRADING	CY	600	\$ 9.25
A2-3	SEDIMENT TRANSPORT & DISPOSAL	CY	600	\$ 13.52
A2-4	HERBICIDE (X3 APPLICATIONS)	AC	0.80	\$ 2,990.56
A2-5	EROSION CONTROL BLANKET	SY	875	\$ 3.04
A2-6	PERMANENT SEEDING	AC	0.15	\$ 14,881.60
A2-7	WETLAND PLUGS	EA	3,240	\$ 3.68
A3-1	MOBILIZATION/DEMOLITION	LS	1	\$ 25,429.27
A3-2	REMOVE & DISPOSE GRAVEL TRAIL	SY	1,230	\$ 2.92
A3-3	BITUMINOUS TRAIL INSTALLATION	SF	9,455	\$ 1.58
A3-4	SOD EDGING	SY	800	\$ 12.82
A4-1	ENHANCED BOARDWALK (TO REPLACE BID ITEM 27)	LS	1	\$ 225,413.57
CO3-1	GROUND THAWING UNIT	LS	1	\$ 3,100.00
CO3-2	REMOVE BITUMINOUS TRAIL 50'X10'	LS	1	\$ 448.00
CO3-3	CONNECT TO 72" AND ADD EXISTING 72" SECTION	LS	1	\$ 1,500.00
CO3-4	REMOVE UP TO 16' OF 15" RCP	LS	1	\$ 500.00
CO3-5	INSTALL ADDED 48" MH	LS	1	\$ 6,105.00
CO3-6	CONNECT TO MH-1 TO BOX; INSTALL 15" RCP & CORING	LS	1	\$ 5,243.00
CO3-7	RESTORE 50'x10' BITUMINOUS TRAIL	LS	1	\$ 1,675.00
CO3-8	REMOVE & RE-INSTALL 50LF OF CHAIN LINK FENCE	LS	1	\$ 1,350.00
CO4-1	RELOCATE SOUTHWESTERN CMP CULVERT	LS	1	\$ 6,617.60
CO5-1	SUBGRADE CORRECTION WESTERN & EASTERN TRAIL	LS	1	\$ 17,774.30
TOTAL BASE BID				\$ 1,650,260.46
TOTAL ADD ALTERNATE 1				\$ 19,075.34
TOTAL ADD ALTERNATE 2				\$ 38,238.29
TOTAL ADD ALTERNATE 3				\$ 54,215.77
TOTAL ADD ALTERNATE 4				\$ 225,413.57
CHANGE ORDER NO. 3 (MANHOLE 1 ADDITIONAL WORK)				\$ 19,921.00
CHANGE ORDER NO. 4 (CULVERT RELOCATION)				\$ 6,617.60
CHANGE ORDER NO. 5 (ADDITIONAL WESTERN TRAIL WORK)				\$ 10,801.45
TOTAL BID				\$ 2,007,124.43

Pay Final							
Prj. Qty.	Month Qty. Installed	Net Qty. Installed	Disputed Qty.	Month Pay Request	Total Pay Request	Pay Disputed	Amount Remaining
1	0.9	0.9	0	\$ 4,017.31	\$ 4,017.31	\$ -	\$ 446.37
0	0	0	0	\$ -	\$ -	\$ -	\$ -
0.05	0	0.05	0	\$ -	\$ 1,068.06	\$ -	\$ -
200	200	200	0	\$ 2,452.00	\$ 2,452.00	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
90	4	4	0	\$ 241.52	\$ 241.52	\$ -	\$ 5,192.88
245	0	0	0	\$ -	\$ -	\$ -	\$ 709.05
115	56	56	0	\$ 1,456.00	\$ 1,456.00	\$ -	\$ 1,534.00
1	0	0	0	\$ -	\$ -	\$ -	\$ 854.43
1	1	1	0	\$ 169.42	\$ 169.42	\$ -	\$ -
25	25	25	0	\$ 925.50	\$ 925.50	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
1	0.00	0.42	0	\$ -	\$ 2,254.73	\$ -	\$ 3,113.67
600	0	600	0	\$ -	\$ 5,550.00	\$ -	\$ -
600	0	600	0	\$ -	\$ 8,112.00	\$ -	\$ -
1	0	0	0	\$ -	\$ -	\$ -	\$ 2,392.45
875	0	0	0	\$ -	\$ -	\$ -	\$ 2,660.00
0	0	0	0	\$ -	\$ -	\$ -	\$ 2,232.24
3,240	0	0	0	\$ -	\$ -	\$ -	\$ 11,923.20
1	0.5	0.5	0	\$ 12,714.64	\$ 12,714.64	\$ -	\$ 12,714.63
1,230	0	1103	0	\$ -	\$ 3,220.76	\$ -	\$ 370.84
9,455	0	0	0	\$ -	\$ -	\$ -	\$ 14,938.90
800	0	0	0	\$ -	\$ -	\$ -	\$ 10,256.00
1	0.5	0.8	0	\$ 112,706.79	\$ 180,330.86	\$ -	\$ 45,082.71
1	0	1	0	\$ -	\$ 3,100.00	\$ -	\$ -
1	0	1	0	\$ -	\$ 448.00	\$ -	\$ -
1	0	1	0	\$ -	\$ 1,500.00	\$ -	\$ -
1	0	1	0	\$ -	\$ 500.00	\$ -	\$ -
1	0	1	0	\$ -	\$ 6,105.00	\$ -	\$ -
1	0	1	0	\$ -	\$ 5,243.00	\$ -	\$ -
1	0	0	0	\$ -	\$ -	\$ -	\$ 1,675.00
1	0	0	0	\$ -	\$ -	\$ -	\$ 1,350.00
1	0	0	0	\$ -	\$ -	\$ -	\$ 6,617.60
1	0	0	0	\$ -	\$ -	\$ -	\$ 17,774.30
				\$ 186,037.75	\$ 1,363,994.66	\$ -	\$ 286,265.80
				\$ 9,261.75	\$ 10,329.81	\$ -	\$ 8,745.53
				\$ -	\$ 15,916.73	\$ -	\$ 22,321.56
				\$ 12,714.64	\$ 15,935.40	\$ -	\$ 38,280.37
				\$ 112,706.79	\$ 180,330.86	\$ -	\$ 45,082.71
				\$ -	\$ 16,896.00	\$ -	\$ 3,025.00
				\$ -	\$ -	\$ -	\$ 9,642.60
				\$ -	\$ -	\$ -	\$ 27,416.90
				\$ 320,720.93	\$ 1,603,403.46	\$ -	\$ 403,720.97

\$33,655.00 from Pay App 8 is for
Irrigation Reuse System. -JB

APPROVED - J. PETERSEN
GL/JL: 0770950200 ~ 59072
Contract No: C0030768
Date: Jul 29 2019
Notes: CIP P00132

REQUEST FOR PAYMENT

DATE: July 23, 2019 FOR PERIOD: May 1, 2019 TO: June 9, 2019

PROJECT: Thompson Lake Sediment Removal and Storm Sewer Improvements

COUNTY PROJECT NO. C0030768

WENCK PROJECT NO. 1305-0033

SPECIFIED CONTRACT COMPLETION DATE: May 31, 2019

CONTRACTOR: Max Steining, Inc.
ADDRESS: 3080 Lexington Ave South
Eagan, MN 55121

REQUEST FOR PAYMENT NO.: 8

SUMMARY:

1. Original Contract Amount	\$	1,989,108.27
2. Contract Revisions/Alterations	\$	46,926.14
Change Order No. 1 - Additional Tree Removals (Oct.)	\$	18,691.02
Change Order No. 1 - Additional Tree Removals (Nov.)	\$	3,204.18
Change Order No. 2 - Alternate 1 Deduct (Jan.)	\$	(23,800.04)
Change Order No. 3 - Additional Work at MH-1 (Jan.)	\$	19,921.00
Change Order No. 4 - Culvert Relocation (May)	\$	6,617.60
Change Order No. 5 - Additional Subcut - Trail (May)	\$	17,774.30
Change Order No. 6 - Prevailing Wage Changes (May)	\$	4,518.08
3. Revised Contract Amount	\$	2,036,034.41
4. Value Completed to Date	\$	1,924,153.51
5. Material on Hand	\$	-
6. Amount Earned	\$	1,924,153.51
7. Less Retainage 5%	\$	96,207.68
8. Sub-Total	\$	1,827,945.83
9. Liquidated Damages	\$	-
10. Less Amount Paid Previously	\$	1,523,233.29
11. TOTAL AMOUNT DUE THIS REQUEST FOR PAYMENT NO. 8	\$	304,712.54

Approved By: Dakota County

Joshua J. G. Petersen
City Engineer / Date

Recommended for Approval By:

Daniel Elmes 7/25/2019
Project Coordinator / Date

Finance Department / Date

Michelle Thiel 07/25/19
Contractor / Date

Original Bid Form					
Item No.	Item	Unit	Bid. Qty.	Unit Price	Total Price
1	MOBILIZATION	LS	1	\$ 332,000.00	\$ 332,000.00
2	TEMPORARY CONSTRUCTION ENTRANCE	EA	2	\$ 1,721.59	\$ 3,443.18
3	CLEARING & GRUBBING	AC	1.55	\$ 10,680.57	\$ 16,554.88
4	TREE REMOVAL	EA	39	\$ 534.03	\$ 20,827.17
5	TEMPORARY ACCESS PATHS	SY	125	\$ 13.77	\$ 1,721.25
6	STAGING AREA RESTORATION	SY	950	\$ 6.94	\$ 6,593.00
7	ORANGE CONSTRUCTION FENCE	LF	380	\$ 2.14	\$ 813.20
8	TEMPORARY CHAIN LINK PANEL CONSTRUCTION FENCE	LF	1,040	\$ 9.51	\$ 9,994.40
9	REMOVE & DISPOSE BRIDGE	LS	1	\$ 8,073.84	\$ 8,073.84
10	REMOVE & DISPOSE BITUMINOUS TRAIL	SY	440	\$ 8.00	\$ 3,520.00
11	LAKE BOTTOM CONTAMINATED SEDIMENT DREDGING	CY	5,370	\$ 32.00	\$ 171,840.00
12	WETLAND CONTAMINATED SEDIMENT EXCAVATION	CY	340	\$ 23.20	\$ 7,888.00
13	CONTAMINATED SEDIMENT TRANSPORT & DISPOSAL	CY	5,710	\$ 43.55	\$ 248,670.50
14	STOCKPILE LINER & COVER	SY	6,300	\$ 1.53	\$ 10,269.00
15	SILT FENCE	LF	750	\$ 3.20	\$ 2,400.00
16	SILT CURTAIN	LF	1,150	\$ 16.02	\$ 18,423.00
17	EXCAVATION & GRADING	CY	2,865	\$ 9.72	\$ 27,847.80
18	CLEAN SEDIMENT TRANSPORT & DISPOSAL	CY	2,600	\$ 13.52	\$ 35,162.00
19	NATIVE SEEDING	AC	0.25	\$ 8,758.07	\$ 2,189.52
20	NATIVE PLUGS	EA	9,240	\$ 3.68	\$ 34,003.20
21	NATIVE SHRUBS	EA	78	\$ 60.45	\$ 4,715.10
22	SHADE TREES	EA	11	\$ 833.09	\$ 9,163.99
23	EROSION CONTROL BLANKET	SY	2,200	\$ 3.04	\$ 6,688.00
24	TEMPORARY SEEDING & STRAW MULCH	SY	1,000	\$ 2.14	\$ 2,140.00
25	STONE OUTLET PROTECTION W/ FABRIC	TN	30	\$ 123.61	\$ 3,708.30
26	24" RCP FLARED END SECTION	EA	1	\$ 1,539.15	\$ 1,539.15
27	ECONOMICAL BOARDWALK	LS	0	\$ 165,266.58	\$ -
27.5	ADD/DEDUCT - HELICAL PIERS	LF	0	\$ 22.16	\$ -
28	EXCAVATION & GRADING	CY	4,210	\$ 9.71	\$ 40,879.10
29	CLEAN SOIL TRANSPORT & DISPOSAL	CY	4,100	\$ 13.52	\$ 55,432.00
30	STONE OVERFLOW W/ FABRIC	TN	140	\$ 121.16	\$ 16,962.40
31	18" RCP CLASS V	LF	35	\$ 80.49	\$ 2,817.15
32	18" RCP FLARED END SECTIONS	EA	2	\$ 791.80	\$ 1,583.20
33	REDI-ROCK RETAINING WALL	SF	1,500	\$ 62.33	\$ 78,495.00
34	EROSION CONTROL BLANKET	SY	2,240	\$ 3.04	\$ 6,809.60
35	TEMPORARY SEEDING & STRAW MULCH	SY	500	\$ 2.14	\$ 1,070.00
36	SEDIMENT DEWATERING BAG	EA	1	\$ 3,703.88	\$ 3,703.88
37	PERMANENT SEEDING	AC	0.40	\$ 8,758.07	\$ 3,503.23
38	NATIVE PLUGS	EA	1,180	\$ 3.68	\$ 4,342.40
39	SHRUBS	EA	62	\$ 80.45	\$ 3,747.90
40	ORNAMENTAL TREES	EA	7	\$ 811.72	\$ 5,682.04
41	SHADE TREES	EA	3	\$ 833.09	\$ 2,499.27
42	SOD EDGING	SY	330	\$ 16.02	\$ 5,286.60
43	BITUMINOUS TRAIL INSTALLATION	SF	3,060	\$ 1.95	\$ 5,967.00
44	CHAIN LINK FENCE	LF	275	\$ 28.84	\$ 7,931.00
45	PUMP	EA	1	\$ 5,830.00	\$ 5,830.00
46	PIPES, HOSE, COUPLINGS	LS	1	\$ 3,710.00	\$ 3,710.00
47	INTAKE STRAINER	EA	2	\$ 1,590.00	\$ 3,180.00
48	SEDIMENT FILTER	EA	1	\$ 2,650.00	\$ 2,650.00
49	CONTROLLER UPGRADE	LS	1	\$ 9,275.00	\$ 9,275.00
50	ENCLOSURE	EA	1	\$ 2,650.00	\$ 2,650.00
51	INSTALLATION	LS	1	\$ 6,360.00	\$ 6,360.00
52	AQUA-SWIRL AS-6 BYP	EA	1	\$ 38,039.84	\$ 38,039.84
53	VORTECH 16000	EA	1	\$ 97,778.91	\$ 97,778.91
54	STORMGATE HIGH FLOW BYPASS	EA	1	\$ 120,352.84	\$ 120,352.84
55	REMOVE & DISPOSE ASPHALT PAVING	SY	100	\$ 16.48	\$ 1,648.00
56	REMOVE & DISPOSE CONCRETE CURB	LF	50	\$ 9.79	\$ 489.50
57	REMOVE & DISPOSE PIPING	LF	55	\$ 17.00	\$ 935.00
58	REMOVE & DISPOSE MANHOLE	EA	1	\$ 1,386.71	\$ 1,386.71
59	ROADWAY EXCAVATION	CY	800	\$ 7.27	\$ 5,816.00
60	TRANSPORT & DISPOSE EXCAVATED MATERIAL	CY	800	\$ 10.04	\$ 8,032.00
61	LANDSCAPE RESTORATION	SY	70	\$ 31.97	\$ 2,237.90
62	STRUCTURAL FILL	CY	800	\$ 21.70	\$ 17,360.00
63	BITUMINOUS BASE	SY	100	\$ 42.72	\$ 4,272.00
64	MSHA ASPHALT SURFACE	TN	22	\$ 213.61	\$ 4,699.42
65	CONCRETE CURB & GUTTER	LF	50	\$ 64.09	\$ 3,204.50
66	144" MANHOLE	EA	1	\$ 43,765.73	\$ 43,765.73
67	24" RCP CLASS V W/ GASKET	LF	12	\$ 156.73	\$ 1,904.76
68	72" RCP CLASS II W/ GASKET	LF	23	\$ 542.12	\$ 12,468.76
69	72" RCP FLARED END SECTION	EA	1	\$ 5,672.09	\$ 5,672.09
70	OUTLET PROTECTION RIPRAP W/ FABRIC	TN	35	\$ 123.17	\$ 4,310.95
71	TRAFFIC CONTROL	DAY	5	\$ 1,068.06	\$ 5,340.30

Pay Final							
Prj. Qty.	Month Qty. Installed	Net Qty. Installed	Disputed Qty.	Month Pay Request	Total Pay Request	Pay Disputed	Amount Remaining
1,000	0,300	1,000	0	\$ 99,600.00	\$ 332,000.00	\$ -	\$ -
2	0	2	0	\$ -	\$ 3,443.18	\$ -	\$ -
1,55	0	1,55	0	\$ -	\$ 16,554.88	\$ -	\$ -
33	0	33	0	\$ -	\$ 20,827.17	\$ -	\$ -
125	0	55	0	\$ -	\$ 995.05	\$ -	\$ 820.20
950	0	0	0	\$ -	\$ -	\$ -	\$ 5,993.00
380	0	255	0	\$ -	\$ 545.70	\$ -	\$ 267.50
1,040	0	620	0	\$ -	\$ 7,890.20	\$ -	\$ 2,114.20
1	0	1	0	\$ -	\$ 8,073.84	\$ -	\$ -
440	120	440	0	\$ 960.00	\$ 3,520.00	\$ -	\$ -
5,370	-250	4,870	0	\$ (8,000.00)	\$ 165,840.00	\$ -	\$ 16,000.00
340	0	338	0	\$ -	\$ 7,795.20	\$ -	\$ 82.80
5,710	-250	5,206	0	\$ (10,887.50)	\$ 226,721.30	\$ -	\$ 21,949.20
6,300	0	4,445	0	\$ -	\$ 7,245.35	\$ -	\$ 3,023.65
750	0	266	0	\$ -	\$ 851.20	\$ -	\$ 1,548.80
1,150	0	1,100	0	\$ -	\$ 17,622.00	\$ -	\$ 801.00
2,865	0	2,865	0	\$ -	\$ 27,847.80	\$ -	\$ -
2,600	0	2,600	0	\$ -	\$ 35,162.00	\$ -	\$ -
0.25	0.15	0.15	0	\$ 1,313.71	\$ 1,313.71	\$ -	\$ 875.51
9,240	7,060	7,060	0	\$ 25,980.80	\$ 25,980.80	\$ -	\$ 8,022.40
78	78	78	0	\$ 4,715.10	\$ 4,715.10	\$ -	\$ -
11	10	10	0	\$ 8,330.90	\$ 8,330.90	\$ -	\$ 833.09
2,200	1,715	1,715	0	\$ 5,213.60	\$ 5,213.60	\$ -	\$ 1,474.40
1,000	0	1,000	0	\$ -	\$ 2,140.00	\$ -	\$ -
30	0	30	0	\$ -	\$ 3,708.30	\$ -	\$ -
1	0	1	0	\$ -	\$ 1,539.15	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
0	0	-43	0	\$ -	\$ (962.68)	\$ -	\$ 552.88
4,210	0	4,210	0	\$ -	\$ 40,879.10	\$ -	\$ -
4,100	0	4,100	0	\$ -	\$ 55,432.00	\$ -	\$ -
140	0	140	0	\$ -	\$ 16,962.40	\$ -	\$ -
35	0	30	0	\$ -	\$ 2,414.70	\$ -	\$ 402.45
2	0	2	0	\$ -	\$ 1,583.20	\$ -	\$ -
1,500	0	1,500	0	\$ -	\$ 78,495.00	\$ -	\$ -
2,240	1,140	1,140	0	\$ 3,465.60	\$ 3,465.60	\$ -	\$ 3,344.00
500	0	500	0	\$ -	\$ 1,070.00	\$ -	\$ -
1	0	0	0	\$ -	\$ -	\$ -	\$ 3,703.88
0.40	0.17	0.2	0	\$ 1,488.87	\$ 1,488.87	\$ -	\$ 2,014.36
1,180	1,180	1,180	0	\$ 4,342.40	\$ 4,342.40	\$ -	\$ -
62	59	59	0	\$ 3,566.55	\$ 3,566.55	\$ -	\$ 181.35
7	10	10	0	\$ 8,117.20	\$ 8,117.20	\$ -	\$ (2,435.16)
3	3	3	0	\$ 2,499.27	\$ 2,499.27	\$ -	\$ -
330	720	720	0	\$ 11,534.40	\$ 11,534.40	\$ -	\$ (6,247.80)
3,060	3,912	3,912	0	\$ 7,628.40	\$ 7,628.40	\$ -	\$ (1,661.40)
275	275	275	0	\$ 7,931.00	\$ 7,931.00	\$ -	\$ -
1	1	1	0	\$ 5,830.00	\$ 5,830.00	\$ -	\$ -
2	1	1	0	\$ 3,710.00	\$ 3,710.00	\$ -	\$ -
1	2	2	0	\$ 3,180.00	\$ 3,180.00	\$ -	\$ -
1	1	1	0	\$ 2,650.00	\$ 2,650.00	\$ -	\$ -
1	1	1	0	\$ 9,275.00	\$ 9,275.00	\$ -	\$ -
1	1	1	0	\$ 2,650.00	\$ 2,650.00	\$ -	\$ -
1	1	1	0	\$ 6,360.00	\$ 6,360.00	\$ -	\$ -
1	0	1	0	\$ -	\$ 38,039.84	\$ -	\$ -
1	0	1	0	\$ -	\$ 97,778.91	\$ -	\$ -
1	0	1	0	\$ -	\$ 120,352.84	\$ -	\$ -
100	0	100	0	\$ -	\$ 1,648.00	\$ -	\$ -
50	0	50	0	\$ -	\$ 489.50	\$ -	\$ -
55	0	55	0	\$ -	\$ 935.00	\$ -	\$ -
1	0	1	0	\$ -	\$ 1,386.71	\$ -	\$ -
800	0	800	0	\$ -	\$ 5,816.00	\$ -	\$ -
800	0	800	0	\$ -	\$ 8,032.00	\$ -	\$ -
70	70	70	0	\$ 2,237.90	\$ 2,237.90	\$ -	\$ -
800	0	800	0	\$ -	\$ 17,360.00	\$ -	\$ -
100	0	100	0	\$ -	\$ 4,272.00	\$ -	\$ -
22	14	22	0	\$ 2,980.54	\$ 4,699.42	\$ -	\$ -
50	50	50	0	\$ 3,204.50	\$ 3,204.50	\$ -	\$ -
1	0	1	0	\$ -	\$ 43,765.73	\$ -	\$ -
12	0	12	0	\$ -	\$ 1,904.76	\$ -	\$ -
23	0	16	0	\$ -	\$ 8,673.92	\$ -	\$ 3,794.84
1	0	1	0	\$ -	\$ 5,672.09	\$ -	\$ -
35	0	52	0	\$ -	\$ 6,404.84	\$ -	\$ (2,093.89)
5	0	5	0	\$ -	\$ 5,340.30	\$ -	\$ -

Original Bid Form					
Item No.	Item	Unit	Bid. Qty.	Unit Price	Total Price
A1-1	MOBILIZATION/DEMOBILIZATION	LS	1	\$ 4,463.68	\$ 4,463.68
A1-2	TEMPORARY CONSTRUCTION ENTRANCE	EA	0	\$ 1,721.59	\$ -
A1-3	CLEARING & GRUBBING	AC	0.05	\$ 21,361.15	\$ 1,068.06
A1-4	EXCAVATION & GRADING	CY	200	\$ 12.26	\$ 2,452.00
A1-5	REMOVE & DISPOSE EXISTING RIPRAP	CY	0	\$ 33.24	\$ -
A1-6	CLEAN SOIL TRANSPORT & DISPOSAL	CY	0	\$ 13.52	\$ -
A1-7	ENGINEERED MIX B SOIL	CY	0	\$ 86.83	\$ -
A1-8	HARDWOOD MULCH	SY	0	\$ 10.68	\$ -
A1-9	RIVER COBBLE W/ FABRIC	TN	90	\$ 60.38	\$ 5,434.20
A1-10	NON-PERMEABLE GEOTEXTILE FABRIC	SY	245	\$ 2.89	\$ 708.05
A1-11	4" UNDERDRAIN	LF	115	\$ 26.00	\$ 2,990.00
A1-12	4" KNIFE GATE VALVE	EA	1	\$ 864.43	\$ 864.43
A1-13	4" ANIMAL GUARD OUTLET PROTECTION	EA	1	\$ 169.42	\$ 169.42
A1-14	21" X 15" CMP ARCH PIPE	LF	25	\$ 37.02	\$ 925.50
A1-15	EROSION CONTROL BLANKET	SY	0	\$ 3.20	\$ -
A1-16	SILT FENCE	LF	0	\$ 3.20	\$ -
A1-17	TEMPORARY SEEDING & STRAW MULCH	SY	0	\$ 2.14	\$ -
A1-18	WETLAND PLUGS	EA	0	\$ 4.25	\$ -
A1-19	SOD	SY	0	\$ 16.02	\$ -
A1-20	SHRUBS	EA	0	\$ 60.45	\$ -
A2-1	MOBILIZATION/DEMOBILIZATION	LS	1	\$ 5,368.40	\$ 5,368.40
A2-2	EXCAVATION & GRADING	CY	600	\$ 9.25	\$ 5,550.00
A2-3	SEDIMENT TRANSPORT & DISPOSAL	CY	600	\$ 13.52	\$ 8,112.00
A2-4	HERBICIDE (X3 APPLICATIONS)	AC	0.80	\$ 2,990.56	\$ 2,392.45
A2-5	EROSION CONTROL BLANKET	SY	875	\$ 3.04	\$ 2,660.00
A2-6	PERMANENT SEEDING	AC	0.15	\$ 14,881.60	\$ 2,232.24
A2-7	WETLAND PLUGS	EA	3,240	\$ 3.68	\$ 11,923.20
A3-1	MOBILIZATION/DEMOBILIZATION	LS	1	\$ 25,429.27	\$ 25,429.27
A3-2	REMOVE & DISPOSE GRAVEL TRAIL	SY	1,230	\$ 2.92	\$ 3,591.60
A3-3	BITUMINOUS TRAIL INSTALLATION	SF	9,455	\$ 1.58	\$ 14,938.90
A3-4	SOD EDGING	SY	800	\$ 12.82	\$ 10,256.00
A4-1	ENHANCED BOARDWALK (TO REPLACE BID ITEM 27)	LS	1	\$ 225,413.57	\$ 225,413.57
CO3-1	GROUND THAWING UNIT	LS	1	\$ 3,100.00	\$ 3,100.00
CO3-2	REMOVE BITUMINOUS TRAIL 50'X10'	LS	1	\$ 448.00	\$ 448.00
CO3-3	CONNECT TO 72" AND ADD EXISTING 72" SECTION	LS	1	\$ 1,500.00	\$ 1,500.00
CO3-4	REMOVE UP TO 16" OF 15" RCP	LS	1	\$ 500.00	\$ 500.00
CO3-5	INSTALL ADDED 48" MH	LS	1	\$ 6,105.00	\$ 6,105.00
CO3-6	CONNECT TO MH-1 TO BOX; INSTALL 15" RCP & CORING	LS	1	\$ 5,243.00	\$ 5,243.00
CO3-7	RESTORE 50'x10' BITUMINOUS TRAIL	LS	1	\$ 1,675.00	\$ 1,675.00
CO3-8	REMOVE & RE-INSTALL 50LF OF CHAIN LINK FENCE	LS	1	\$ 1,350.00	\$ 1,350.00
CO4-1	RELOCATE SOUTHWESTERN CMP CULVERT	LS	1	\$ 6,617.60	\$ 6,617.60
CO5-1	SUBGRADE CORRECTION WESTERN & EASTERN TRAIL	LS	1	\$ 17,774.30	\$ 17,774.30
TOTAL BASE BID					\$ 1,650,260.46
TOTAL ADD ALTERNATE 1					\$ 19,075.34
TOTAL ADD ALTERNATE 2					\$ 38,238.29
TOTAL ADD ALTERNATE 3					\$ 54,215.77
TOTAL ADD ALTERNATE 4					\$ 225,413.57
CHANGE ORDER NO. 3 (MANHOLE 1 ADDITIONAL WORK)					\$ 19,921.00
CHANGE ORDER NO. 4 (CULVERT RELOCATION)					\$ 6,617.60
CHANGE ORDER NO. 5 (ADDITIONAL WESTERN TRAIL WORK)					\$ 17,774.30
TOTAL BID					\$ 2,031,516.33

Pay Final							
Prj. Qty.	Month Qty. Installed	Net Qty. Installed	Disputed Qty.	Month Pay Request	Total Pay Request	Pay Disputed	Amount Remaining
1.0	0.1	1.0	0	\$ 446.37	\$ 4,463.68	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
0.05	0	0.05	0	\$ -	\$ 1,068.06	\$ -	\$ -
200	0	200	0	\$ -	\$ 2,452.00	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
90	0	4	0	\$ -	\$ 241.52	\$ -	\$ 5,192.68
245	245	245	0	\$ 708.05	\$ 708.05	\$ -	\$ -
115	59	115	0	\$ 1,534.00	\$ 2,990.00	\$ -	\$ -
1	1	1	0	\$ 864.43	\$ 864.43	\$ -	\$ -
1	0	1	0	\$ -	\$ 169.42	\$ -	\$ -
25	25	25	0	\$ -	\$ 925.50	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
1.00	0.58	1.00	0	\$ 3,113.67	\$ 5,368.40	\$ -	\$ -
600	0	600	0	\$ -	\$ 5,550.00	\$ -	\$ -
600	0	600	0	\$ -	\$ 8,112.00	\$ -	\$ -
0.80	0	0	0	\$ -	\$ -	\$ -	\$ 2,392.45
875	1,549	1,549	0	\$ 4,708.96	\$ 4,708.96	\$ -	\$ (2,046.96)
0.15	0.32	0.32	0	\$ 4,762.11	\$ 4,762.11	\$ -	\$ (2,529.87)
3,240	3,240	3,240	0	\$ 11,923.20	\$ 11,923.20	\$ -	\$ -
1.0	0.5	1.0	0	\$ 12,714.64	\$ 25,429.27	\$ -	\$ -
1,230	0	1,103	0	\$ -	\$ 3,220.76	\$ -	\$ 370.84
9,455	9,496	9,496	0	\$ 15,003.88	\$ 15,003.88	\$ -	\$ (64.78)
800	0	0	0	\$ -	\$ -	\$ -	\$ 10,256.00
1.0	0.2	1.0	0	\$ 45,082.71	\$ 225,413.57	\$ -	\$ -
1	0	1	0	\$ -	\$ 3,100.00	\$ -	\$ -
1	0	1	0	\$ -	\$ 448.00	\$ -	\$ -
1	0	1	0	\$ -	\$ 1,500.00	\$ -	\$ -
1	0	1	0	\$ -	\$ 500.00	\$ -	\$ -
1	0	1	0	\$ -	\$ 6,105.00	\$ -	\$ -
1	0	1	0	\$ -	\$ 5,243.00	\$ -	\$ -
1	0	1	0	\$ -	\$ -	\$ -	\$ 1,675.00
1	0	0	0	\$ -	\$ -	\$ -	\$ 1,350.00
1	0	0	0	\$ -	\$ -	\$ -	\$ 6,617.60
1	0	0	0	\$ -	\$ -	\$ -	\$ 17,774.30
				\$ 219,888.24	\$ 1,583,882.90	\$ -	\$ 66,377.56
				\$ 3,552.85	\$ 13,882.66	\$ -	\$ 5,192.68
				\$ 24,507.94	\$ 40,424.67	\$ -	\$ (2,186.38)
				\$ 27,718.32	\$ 43,653.71	\$ -	\$ 10,562.06
				\$ 45,082.71	\$ 225,413.57	\$ -	\$ -
				\$ -	\$ 16,896.00	\$ -	\$ 3,025.00
				\$ -	\$ -	\$ -	\$ 6,617.60
				\$ -	\$ -	\$ -	\$ 17,774.30
				\$ 320,750.06	\$ 1,924,153.51	\$ -	\$ 107,362.82

11/13/19 CORRECT CONTRACT #IS C0030768
NOT C0030745 AS JPETERSEN LISTED. MC

APPROVED - J. PETERSEN

GL/JL: 0770950200 ~ 59072

Contract No: C0030745

Date: Nov 12 2019

Notes: CIP #: P00132

REQUEST FOR PAYMENT

DATE: October 25, 2019 **FOR PERIOD:** June 10, 2019 **TO:** October 25, 2019

PROJECT: Thompson Lake Sediment Removal and Storm Sewer Improvements

COUNTY PROJECT NO. C0030768

WENCK PROJECT NO. 1305-0033

SPECIFIED CONTRACT COMPLETION DATE: May 31, 2019

CONTRACTOR: Max Steininger, Inc.
ADDRESS: 3080 Lexington Ave South
Eagan, MN 55121

REQUEST FOR PAYMENT NO.: 9

SUMMARY:

1. Original Contract Amount		\$ 1,989,108.27
2. Contract Revisions/Alterations		\$ 46,926.14
Change Order No. 1 - Additional Tree Removals (Oct.)	\$ 18,691.02	
Change Order No. 1 - Additional Tree Removals (Nov.)	\$ 3,204.18	
Change Order No. 2 - Alternate 1 Deduct (Jan.)	\$ (23,800.04)	
Change Order No. 3 - Additional Work at MH-1 (Jan.)	\$ 19,921.00	
Change Order No. 4 - Culvert Relocation (May)	\$ 6,617.60	
Change Order No. 5 - Additional Subcut - Trail (May)	\$ 17,774.30	
Change Order No. 6 - Prevailing Wage Changes (May)	\$ 4,518.08	
3. Revised Contract Amount		\$ 2,036,034.41
4. Value Completed to Date		\$ 1,944,180.27
5. Material on Hand		\$ -
6. Amount Earned		\$ 1,944,180.27
7. Less Retainage <u>2%</u>		\$ 38,883.61
8. Sub-Total		\$ 1,905,296.66
9. Liquidated Damages		\$ -
10. Less Amount Paid Previously		\$ 1,827,945.83
11. TOTAL AMOUNT DUE THIS REQUEST FOR PAYMENT NO. <u>9</u>		\$ 77,350.83

Approved By: Dakota County

John J. G. Petersen
City Engineer / Date

Recommended for Approval By:

Daniel Elmes 11/12/19
Project Coordinator / Date

Finance Department / Date

Michelle Thiel 11/11/19
Contractor / Date

Original Bid Form					
Item No.	Item	Unit	Bid. Qty.	Unit Price	Total Price
1	MOBILIZATION	LS	2	\$ 332,000.00	\$ 332,000.00
2	TEMPORARY CONSTRUCTION ENTRANCE	EA	2	\$ 1,721.59	\$ 3,443.18
3	CLEARING & GRUBBING	AC	1.55	\$ 10,680.57	\$ 16,554.88
4	TREE REMOVAL	EA	39	\$ 534.03	\$ 20,827.17
5	TEMPORARY ACCESS PATHS	SY	125	\$ 13.77	\$ 1,721.25
6	STAGING AREA RESTORATION	SY	950	\$ 6.94	\$ 6,593.00
7	ORANGE CONSTRUCTION FENCE	LF	380	\$ 2.14	\$ 813.20
8	TEMPORARY CHAIN LINK PANEL CONSTRUCTION FENCE	LF	1,040	\$ 9.91	\$ 9,994.40
9	REMOVE & DISPOSE BRIDGE	LS	1	\$ 8,073.84	\$ 8,073.84
10	REMOVE & DISPOSE BITUMINOUS TRAIL	SY	440	\$ 8.00	\$ 3,520.00
11	LAKE BOTTOM CONTAMINATED SEDIMENT DREDGING	CY	5,370	\$ 32.00	\$ 171,840.00
12	WETLAND CONTAMINATED SEDIMENT EXCAVATION	CY	340	\$ 23.20	\$ 7,888.00
13	CONTAMINATED SEDIMENT TRANSPORT & DISPOSAL	CY	5,710	\$ 43.55	\$ 248,670.50
14	STOCKPILE LINER & COVER	SY	6,300	\$ 1.63	\$ 10,269.00
15	SILT FENCE	LF	750	\$ 3.20	\$ 2,400.00
16	SILT CURTAIN	LF	1,150	\$ 16.02	\$ 18,423.00
17	EXCAVATION & GRADING	CY	2,865	\$ 9.72	\$ 27,847.80
18	CLEAN SEDIMENT TRANSPORT & DISPOSAL	CY	2,600	\$ 13.52	\$ 35,152.00
19	NATIVE SEEDING	AC	0.25	\$ 8,758.07	\$ 2,189.52
20	NATIVE PLUGS	EA	9,240	\$ 3.68	\$ 34,003.20
21	NATIVE SHRUBS	EA	78	\$ 80.45	\$ 6,275.10
22	SHADE TREES	EA	11	\$ 833.09	\$ 9,163.99
23	EROSION CONTROL BLANKET	SY	2,200	\$ 3.04	\$ 6,688.00
24	TEMPORARY SEEDING & STRAW MULCH	SY	1,000	\$ 2.14	\$ 2,140.00
25	STONE OUTLET PROTECTION W/ FABRIC	TN	30	\$ 123.81	\$ 3,708.30
26	24" RCP FLARED END SECTION	EA	1	\$ 1,539.15	\$ 1,539.15
27	ECONOMICAL BOARDWALK	LS	0	\$ 166,296.58	\$ -
27.5	ADD/DEDUCT - HELICAL PIERS	LF	0	\$ 22.16	\$ -
28	EXCAVATION & GRADING	CY	4,210	\$ 9.71	\$ 40,879.10
29	CLEAN SOIL TRANSPORT & DISPOSAL	CY	4,100	\$ 13.52	\$ 55,432.00
30	STONE OVERFLOW W/ FABRIC	TN	140	\$ 121.16	\$ 16,962.40
31	18" RCP CLASS V	LF	35	\$ 80.49	\$ 2,817.15
32	18" RCP FLARED END SECTIONS	EA	2	\$ 791.60	\$ 1,583.20
33	REDI-ROCK RETAINING WALL	SF	1,500	\$ 52.33	\$ 78,495.00
34	EROSION CONTROL BLANKET	SY	2,240	\$ 3.04	\$ 6,809.60
35	TEMPORARY SEEDING & STRAW MULCH	SY	500	\$ 2.14	\$ 1,070.00
36	SEDIMENT DEWATERING BAG	EA	1	\$ 3,703.88	\$ 3,703.88
37	PERMANENT SEEDING	AC	0.40	\$ 8,758.07	\$ 3,503.23
38	NATIVE PLUGS	EA	1,180	\$ 3.68	\$ 4,342.40
39	SHRUBS	EA	62	\$ 80.45	\$ 5,008.90
40	ORNAMENTAL TREES	EA	7	\$ 811.72	\$ 5,682.04
41	SHADE TREES	EA	3	\$ 833.09	\$ 2,499.27
42	SOD EDGING	SY	330	\$ 16.02	\$ 5,286.60
43	BITUMINOUS TRAIL INSTALLATION	SF	3,060	\$ 1.95	\$ 5,967.00
44	CHAIN LINK FENCE	LF	275	\$ 28.94	\$ 7,931.00
45	PUMP	EA	1	\$ 5,830.00	\$ 5,830.00
46	PIPES, HOSE, COUPLINGS	LS	1	\$ 3,710.00	\$ 3,710.00
47	INTAKE STRAINER	EA	2	\$ 1,980.00	\$ 3,960.00
48	SEDIMENT FILTER	EA	1	\$ 2,850.00	\$ 2,850.00
49	CONTROLLER UPGRADE	LS	1	\$ 9,275.00	\$ 9,275.00
50	ENCLOSURE	EA	1	\$ 2,650.00	\$ 2,650.00
51	INSTALLATION	LS	1	\$ 6,360.00	\$ 6,360.00
52	AQUA-SWIRL AS-6 BYP	EA	1	\$ 38,039.84	\$ 38,039.84
53	VORTECH 16000	EA	1	\$ 97,778.91	\$ 97,778.91
54	STORMGATE HIGH FLOW BYPASS	EA	1	\$ 120,352.84	\$ 120,352.84
55	REMOVE & DISPOSE ASPHALT PAVING	SY	100	\$ 16.48	\$ 1,648.00
56	REMOVE & DISPOSE CONCRETE CURB	LF	50	\$ 9.79	\$ 489.50
57	REMOVE & DISPOSE PIPING	LF	55	\$ 17.00	\$ 935.00
58	REMOVE & DISPOSE MANHOLE	EA	1	\$ 1,386.71	\$ 1,386.71
59	ROADWAY EXCAVATION	CY	800	\$ 7.27	\$ 5,816.00
60	TRANSPORT & DISPOSE EXCAVATED MATERIAL	CY	800	\$ 10.04	\$ 8,032.00
61	LANDSCAPE RESTORATION	SY	70	\$ 31.97	\$ 2,237.90
62	STRUCTURAL FILL	CY	800	\$ 21.70	\$ 17,360.00
63	BITUMINOUS BASE	SY	100	\$ 42.72	\$ 4,272.00
64	MSHA ASPHALT SURFACE	TN	22	\$ 219.61	\$ 4,899.42
65	CONCRETE CURB & GUTTER	LF	50	\$ 84.09	\$ 4,204.50
66	144" MANHOLE	EA	1	\$ 43,765.73	\$ 43,765.73
67	24" RCP CLASS V W/ GASKET	LF	12	\$ 158.73	\$ 1,904.76
68	72" RCP CLASS II W/ GASKET	LF	23	\$ 542.12	\$ 12,468.76
69	72" RCP FLARED END SECTION	EA	1	\$ 5,672.09	\$ 5,672.09
70	OUTLET PROTECTION RIPRAP W/ FABRIC	TN	35	\$ 123.17	\$ 4,310.95
71	TRAFFIC CONTROL	DAY	5	\$ 1,068.08	\$ 5,340.30

Pay Final							
Prj. Qty.	Month Qty. Installed	Net Qty. Installed	Disputed Qty.	Month Pay Request	Total Pay Request	Pay Disputed	Amount Remaining
1,000	0,000	1,000	0	\$ -	\$ 332,000.00	\$ -	\$ -
2	0	2	0	\$ -	\$ 3,443.18	\$ -	\$ -
1.55	0	2	0	\$ -	\$ 16,554.88	\$ -	\$ -
39	0	39	0	\$ -	\$ 20,827.17	\$ -	\$ -
125	60	125	0	\$ 826.20	\$ 1,721.25	\$ -	\$ -
950	0	0	0	\$ -	\$ -	\$ -	\$ 6,593.00
380	0	255	0	\$ -	\$ 545.70	\$ -	\$ 267.50
1,040	0	820	0	\$ -	\$ 7,880.20	\$ -	\$ 2,114.20
1	0	1	0	\$ -	\$ 8,073.84	\$ -	\$ -
440	0	440	0	\$ -	\$ 3,520.00	\$ -	\$ -
5,370	0	4870	0	\$ -	\$ 155,840.00	\$ -	\$ 18,000.00
340	0	336	0	\$ -	\$ 7,795.20	\$ -	\$ 92.80
5,710	0	5206	0	\$ -	\$ 226,721.30	\$ -	\$ 21,949.20
6,300	0	4445	0	\$ -	\$ 7,245.35	\$ -	\$ 3,023.65
750	0	266	0	\$ -	\$ 851.20	\$ -	\$ 1,548.80
1,150	0	1100	0	\$ -	\$ 17,622.00	\$ -	\$ 801.00
2,865	0	2865	0	\$ -	\$ 27,847.80	\$ -	\$ -
2,600	0	2600	0	\$ -	\$ 35,152.00	\$ -	\$ -
0.25	0.47	0.82	0	\$ 4,116.29	\$ 5,430.00	\$ -	\$ (3,240.48)
9,240	0	7,060	0	\$ -	\$ 25,980.80	\$ -	\$ 8,022.40
78	2	80	0	\$ 120.90	\$ 4,836.00	\$ -	\$ (120.80)
11	1	11	0	\$ 833.09	\$ 9,163.99	\$ -	\$ -
2,200	1,269	2,984	0	\$ 3,857.78	\$ 9,071.36	\$ -	\$ (2,883.36)
1,000	0	1000	0	\$ -	\$ 2,140.00	\$ -	\$ -
30	0	30	0	\$ -	\$ 3,708.30	\$ -	\$ -
1	0	1	0	\$ -	\$ 1,539.15	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
0	0	-43	0	\$ -	\$ (952.88)	\$ -	\$ 952.88
4,210	0	4210	0	\$ -	\$ 40,879.10	\$ -	\$ -
4,100	0	4100	0	\$ -	\$ 55,432.00	\$ -	\$ -
140	0	140	0	\$ -	\$ 16,962.40	\$ -	\$ -
35	0	30	0	\$ -	\$ 2,414.70	\$ -	\$ 402.45
2	0	2	0	\$ -	\$ 1,583.20	\$ -	\$ -
1,500	0	1500	0	\$ -	\$ 78,495.00	\$ -	\$ -
2,240	1,664	2,904	0	\$ 5,058.56	\$ 5,524.16	\$ -	\$ (1,714.58)
500	0	500	0	\$ -	\$ 1,070.00	\$ -	\$ -
1	0	0	0	\$ -	\$ -	\$ -	\$ 3,703.88
0.40	0.41	0.58	0	\$ 3,590.81	\$ 5,079.68	\$ -	\$ (1,578.45)
1,180	0	1,180	0	\$ -	\$ 4,342.40	\$ -	\$ -
62	3	62	0	\$ 181.35	\$ 3,747.90	\$ -	\$ -
7	0	10	0	\$ -	\$ 8,117.20	\$ -	\$ (2,435.16)
3	0	3	0	\$ -	\$ 2,499.27	\$ -	\$ -
330	90	810	0	\$ 1,441.80	\$ 12,976.20	\$ -	\$ (7,889.00)
3,060	0	3,912	0	\$ -	\$ 7,628.40	\$ -	\$ (1,661.40)
275	0	275	0	\$ -	\$ 7,931.00	\$ -	\$ -
1	0	1	0	\$ -	\$ 5,830.00	\$ -	\$ -
2	0	1	0	\$ -	\$ 3,710.00	\$ -	\$ -
1	0	2	0	\$ -	\$ 3,180.00	\$ -	\$ -
1	0	1	0	\$ -	\$ 2,850.00	\$ -	\$ -
1	0	1	0	\$ -	\$ 9,275.00	\$ -	\$ -
1	0	1	0	\$ -	\$ 2,650.00	\$ -	\$ -
1	0	1	0	\$ -	\$ 6,360.00	\$ -	\$ -
1	0	1	0	\$ -	\$ 38,039.84	\$ -	\$ -
1	0	1	0	\$ -	\$ 97,778.91	\$ -	\$ -
1	0	1	0	\$ -	\$ 120,352.84	\$ -	\$ -
100	0	100	0	\$ -	\$ 1,648.00	\$ -	\$ -
50	0	50	0	\$ -	\$ 489.50	\$ -	\$ -
55	0	55	0	\$ -	\$ 935.00	\$ -	\$ -
1	0	1	0	\$ -	\$ 1,386.71	\$ -	\$ -
800	0	800	0	\$ -	\$ 5,816.00	\$ -	\$ -
800	0	800	0	\$ -	\$ 8,032.00	\$ -	\$ -
70	0	70	0	\$ -	\$ 2,237.90	\$ -	\$ -
800	0	800	0	\$ -	\$ 17,360.00	\$ -	\$ -
100	0	100	0	\$ -	\$ 4,272.00	\$ -	\$ -
22	0	22	0	\$ -	\$ 4,899.42	\$ -	\$ -
50	0	50	0	\$ -	\$ 3,204.50	\$ -	\$ -
1	0	1	0	\$ -	\$ 43,765.73	\$ -	\$ -
12	0	12	0	\$ -	\$ 1,904.76	\$ -	\$ -
23	0	16	0	\$ -	\$ 8,673.92	\$ -	\$ 3,794.84
1	0	1	0	\$ -	\$ 5,672.09	\$ -	\$ -
35	0	52	0	\$ -	\$ 6,404.84	\$ -	\$ (2,082.89)
5	0	5	0	\$ -	\$ 5,340.30	\$ -	\$ -

Original Bid Form				
Item No.	Item	Unit	Bid. Qty.	Unit Price
A1-1	MOBILIZATION/DEMOBILIZATION	LS	1	\$ 4,463.68
A1-2	TEMPORARY CONSTRUCTION ENTRANCE	EA	0	\$ 1,721.59
A1-3	CLEARING & GRUBBING	AC	0.05	\$ 21,361.15
A1-4	EXCAVATION & GRADING	CY	200	\$ 12.26
A1-5	REMOVE & DISPOSE EXISTING RIPRAP	CY	0	\$ 33.24
A1-6	CLEAN SOIL TRANSPORT & DISPOSAL	CY	0	\$ 13.52
A1-7	ENGINEERED MIX B SOIL	CY	0	\$ 85.83
A1-8	HARDWOOD MULCH	SY	0	\$ 10.68
A1-9	RIVER COBBLE W/ FABRIC	TN	90	\$ 60.38
A1-10	NON-PERMEABLE GEOTEXTILE FABRIC	SY	245	\$ 2.89
A1-11	4" UNDERDRAIN	LF	115	\$ 26.00
A1-12	4" KNIFE GATE VALVE	EA	1	\$ 864.43
A1-13	4" ANIMAL GUARD OUTLET PROTECTION	EA	1	\$ 169.42
A1-14	21" X 15" CMP ARCH PIPE	LF	25	\$ 37.02
A1-15	EROSION CONTROL BLANKET	SY	0	\$ 3.20
A1-16	SILT FENCE	LF	0	\$ 3.20
A1-17	TEMPORARY SEEDING & STRAW MULCH	SY	0	\$ 2.14
A1-18	WETLAND PLUGS	EA	0	\$ 4.25
A1-19	SOD	SY	0	\$ 16.02
A1-20	SHRUBS	EA	0	\$ 60.45
A2-1	MOBILIZATION/DEMOBILIZATION	LS	1	\$ 5,368.40
A2-2	EXCAVATION & GRADING	CY	600	\$ 9.25
A2-3	SEDIMENT TRANSPORT & DISPOSAL	CY	600	\$ 13.52
A2-4	HERBICIDE (X3 APPLICATIONS)	AC	0.80	\$ 2,990.56
A2-5	EROSION CONTROL BLANKET	SY	875	\$ 3.04
A2-6	PERMANENT SEEDING	AC	0.15	\$ 14,881.60
A2-7	WETLAND PLUGS	EA	3,240	\$ 3.58
A3-1	MOBILIZATION/DEMOBILIZATION	LS	1	\$ 25,429.27
A3-2	REMOVE & DISPOSE GRAVEL TRAIL	SY	1,230	\$ 2.92
A3-3	BITUMINOUS TRAIL INSTALLATION	SF	9,455	\$ 1.56
A3-4	SOD EDGING	SY	800	\$ 12.82
A4-1	ENHANCED BOARDWALK (TO REPLACE BID ITEM 27)	LS	1	\$ 225,413.57
C03-1	GROUND THAWING UNIT	LS	1	\$ 3,100.00
C03-2	REMOVE BITUMINOUS TRAIL 50'X10'	LS	1	\$ 448.00
C03-3	CONNECT TO 72" AND ADD EXISTING 72" SECTION	LS	1	\$ 1,500.00
C03-4	REMOVE UP TO 16' OF 15" RCP	LS	1	\$ 500.00
C03-5	INSTALL ADDED 48" MH	LS	1	\$ 6,105.00
C03-6	CONNECT TO MH-1 TO BOX; INSTALL 15" RCP & CORING	LS	1	\$ 5,243.00
C03-7	RESTORE 50'X10' BITUMINOUS TRAIL	LS	1	\$ 1,675.00
C03-8	REMOVE & RE-INSTALL 50' OF CHAIN LINK FENCE	LS	1	\$ 1,350.00
C04-1	RELOCATE SOUTHWESTERN CMP CULVERT	LS	1	\$ 6,617.60
C05-1	SUBGRADE CORRECTION WESTERN & EASTERN TRAIL	LS	1	\$ 17,774.30
TOTAL BASE BID				\$ 1,650,260.46
TOTAL ADD ALTERNATE 1				\$ 19,075.34
TOTAL ADD ALTERNATE 2				\$ 38,238.29
TOTAL ADD ALTERNATE 3				\$ 54,215.77
TOTAL ADD ALTERNATE 4				\$ 225,413.57
CHANGE ORDER NO. 3 (MANHOLE 1 ADDITIONAL WORK)				\$ 19,921.00
CHANGE ORDER NO. 4 (CULVERT RELOCATION)				\$ 6,617.60
CHANGE ORDER NO. 5 (ADDITIONAL WESTERN TRAIL WORK)				\$ 17,774.30
TOTAL BID				\$ 2,031,516.33

Pay Final							
Prj. Qty.	Month Qty. Installed	Net Qty. Installed	Disputed Qty.	Month Pay Request	Total Pay Request	Pay Disputed	Amount Remaining
1.0	0	1	0	\$ -	\$ 4,463.68	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
0.05	0	0.05	0	\$ -	\$ 1,068.06	\$ -	\$ -
200	0	200	0	\$ -	\$ 2,452.00	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
90	0	4	0	\$ -	\$ 241.52	\$ -	\$ 5,192.68
245	0	245	0	\$ -	\$ 708.05	\$ -	\$ -
115	0	115	0	\$ -	\$ 2,990.00	\$ -	\$ -
1	0	1	0	\$ -	\$ 864.43	\$ -	\$ -
1	0	1	0	\$ -	\$ 169.42	\$ -	\$ -
25	0	25	0	\$ -	\$ 925.50	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
0	0	0	0	\$ -	\$ -	\$ -	\$ -
1.00	0.00	1.00	0	\$ -	\$ 5,368.40	\$ -	\$ -
600	0	600	0	\$ -	\$ 5,550.00	\$ -	\$ -
600	0	600	0	\$ -	\$ 8,112.00	\$ -	\$ -
0.80	0	0	0	\$ -	\$ -	\$ -	\$ 2,392.45
875	0	1,549	0	\$ -	\$ 4,708.96	\$ -	\$ (2,048.96)
0.15	0.00	0.32	0	\$ -	\$ 4,762.11	\$ -	\$ (2,529.67)
3,240	0	3,240	0	\$ -	\$ 11,923.20	\$ -	\$ -
1.0	0.0	1.0	0	\$ -	\$ 25,429.27	\$ -	\$ -
1,230	0	1103	0	\$ -	\$ 3,220.76	\$ -	\$ 370.84
9,455	0	9,496	0	\$ -	\$ 15,003.68	\$ -	\$ (64.78)
800	0	0	0	\$ -	\$ -	\$ -	\$ 10,256.00
1.0	0	1	0	\$ -	\$ 225,413.57	\$ -	\$ -
1	0	1	0	\$ -	\$ 3,100.00	\$ -	\$ -
1	0	1	0	\$ -	\$ 448.00	\$ -	\$ -
1	0	1	0	\$ -	\$ 1,500.00	\$ -	\$ -
1	0	1	0	\$ -	\$ 500.00	\$ -	\$ -
1	0	1	0	\$ -	\$ 6,105.00	\$ -	\$ -
1	0	1	0	\$ -	\$ 5,243.00	\$ -	\$ -
1	0	0	0	\$ -	\$ -	\$ -	\$ 1,675.00
1	0	0	0	\$ -	\$ -	\$ -	\$ 1,350.00
1	0	0	0	\$ -	\$ -	\$ -	\$ 6,617.60
1	0	0	0	\$ -	\$ -	\$ -	\$ 17,774.30
				\$ 20,026.76	\$ 1,603,909.66	\$ -	\$ 46,360.80
				\$ -	\$ 13,882.66	\$ -	\$ 5,192.68
				\$ -	\$ 40,424.67	\$ -	\$ (2,186.38)
				\$ -	\$ 43,653.71	\$ -	\$ 10,562.06
				\$ -	\$ 225,413.57	\$ -	\$ -
				\$ -	\$ 16,896.00	\$ -	\$ 3,025.00
				\$ -	\$ -	\$ -	\$ 6,617.60
				\$ -	\$ -	\$ -	\$ 17,774.30
				\$ 20,026.76	\$ 1,944,180.27	\$ -	\$ 87,336.06

Invoice

March 7, 2019
Invoice No: 11901315

APPROVED - JOSH PETERSEN

Contract #: C0030745
GL /JL: 0770950200 ~ 59072
Date: Mar 07 2019
Comments: CIP P00132



Joshua Petersen
Dakota County, MN
14955 Galaxie Avenue
Apple Valley, MN 55124

Responsive partner.
Exceptional outcomes.

Project Manager Todd Shoemaker

Project B1305-0033 Thompson Lake Construction Management

Professional Services Through February 28, 2019

Phase B Construction Observation

Construction Observation

Professional Personnel

	Hours	Rate	Amount	
Barthel, Joel	47.50	105.00	4,987.50	
Osterdyk, Eric	8.10	105.00	850.50	
Totals	55.60		5,838.00	
Total Labor				5,838.00

Reimbursable Expenses

Construction Vehicle Allowance	48.00		
Mileage - Reimbursable	120.64		
Total Reimbursables	168.64		168.64

Unit Billing

00-WAI Vehicle Woodbury

				24.94
Phase Total				\$6,031.58

Phase D Record Drawings

Record Drawings

Professional Personnel

	Hours	Rate	Amount	
Elmes, Daniel	10.70	127.00	1,358.90	
Totals	10.70		1,358.90	
Total Labor				1,358.90
Phase Total				\$1,358.90

Phase F Materials Testing

Materials Testing

Outside Services

American Engineering Testing, Inc.	1,588.21		
Outside Services Total	1,588.21		1,588.21
Phase Total			\$1,588.21

Total Invoice Amount \$8,978.69

INVOICES ARE DUE UPON PRESENTATION. Subject to 1-1/2% 18% Annum interest/finance charge. Please reference the invoice number when sending payment. Federal Tax ID #41-1520095 -Wenck Associates, Inc.-1800 Pioneer Creek Center PO Box 249- Maple Plain, MN 55359-0249 Toll Free:800-472-2232 Main:763-479-4200 E-mail:accounting@wenck.com Web www.wenck.com

Project	B1305-0033	Thompson Lake Construction Management	Invoice	11901315
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Outstanding Invoices

Number	Date	Balance
11900423	2/7/2019	13,681.46
Total		13,681.46

	Current	Prior	Total
Billing Summary	8,978.69	70,153.31	79,132.00

ENGINEERING RELATED TO SEDIMENT REMOVAL:	\$0.00
ENGINEERING RELATED TO STORMWATER IMPROVEMENTS:	\$8,978.69
TOTAL:	\$8,978.69
SIGNED: <u>Daniel Elmes</u>	DATED: <u>3/7/2019</u>

Invoice

April 2, 2019
Invoice No: 11901682

Joshua Petersen
Dakota County, MN
14955 Galaxie Avenue
Apple Valley, MN 55124

APPROVED - JOSH PETERSEN

Contract #: C0030745
GL /JL: 0770950200 ~ 59072
Date: Apr 08 2019
Comments: CIP P00132



Responsive partner.
Exceptional outcomes.

Project Manager Todd Shoemaker

Project B1305-0033 Thompson Lake Construction Management
Contract No. C0030745.1

Professional Services Through March 31, 2019

Phase B Construction Observation
Construction Observation

Professional Personnel

	Hours	Rate	Amount
Barthel, Joel	42.80	105.00	4,494.00
Osterdyk, Eric	7.90	105.00	829.50
Totals	50.70		5,323.50
Total Labor			5,323.50

Reimbursable Expenses

Construction Vehicle Allowance	60.00
Mileage - Reimbursable	161.82
Total Reimbursables	221.82

Phase Total \$5,545.32

Phase C Project Management
Project Management

Professional Personnel

	Hours	Rate	Amount
Elmes, Daniel	13.40	127.00	1,701.80
Totals	13.40		1,701.80
Total Labor			1,701.80

Phase Total \$1,701.80

Total Invoice Amount \$7,247.12

Outstanding Invoices

Number	Date	Balance
11900423	2/7/2019	13,681.46
Total		13,681.46

ENGINEERING RELATED TO SEDIMENT REMOVAL:	\$0.00
ENGINEERING RELATED TO STORMWATER IMPROVEMENTS:	\$7,247.12
TOTAL:	\$7,247.12
SIGNED: <i>Daniel Elmes</i>	DATED: 4/5/2019

	Current	Prior	Total
Billing Summary	7,247.12	79,132.00	86,379.12

INVOICES ARE DUE UPON PRESENTATION. Subject to 1-1/2% 18% Annum interest/finance charge. Please reference the invoice number when sending payment. Federal Tax ID #41-1520095 -Wenck Associates, Inc.-1800 Pioneer Creek Center PO Box 249- Maple Plain, MN 55359-0249 Toll Free:800-472-2232 Main:763-479-4200 E-mail:accounting@wenck.com Web www.wenck.com

Invoice

May 6, 2019

Invoice No: 11902614

APPROVED - JOSH PETERSEN

Contract #: C0030745

GL /JL: 0770950200 ~ 59072

Date: May 07 2019

Comments: P00132

**WENCK**

Joshua Petersen
Dakota County, MN
14955 Galaxie Avenue
Apple Valley, MN 55124

Responsive partner.
Exceptional outcomes.

Project Manager Todd Shoemaker

Project B1305-0033 Thompson Lake Construction Management

Contract No. C0030745.1

Professional Services Through April 30, 2019

Phase B Construction Observation

Construction Observation

Professional Personnel

	Hours	Rate	Amount
Barthel, Joel	147.30	105.00	15,466.50
Mathisen, Cody	5.50	105.00	577.50
Osterdyk, Eric	3.60	105.00	378.00
Wyers, Nicholas	5.30	105.00	556.50
Totals	161.70		16,978.50
Total Labor			16,978.50

Reimbursable Expenses

Construction Vehicle Allowance	192.00
Mileage - Reimbursable	439.06
Total Reimbursables	631.06
Phase Total	\$17,609.56

Phase C Project Management

Project Management

Professional Personnel

	Hours	Rate	Amount
Elmes, Daniel	9.40	127.00	1,193.80
Totals	9.40		1,193.80
Total Labor			1,193.80
Phase Total			\$1,193.80

Total Invoice Amount \$18,803.36

Billing Summary	Current	Prior	Total
	18,803.36	86,379.12	105,182.48

ENGINEERING RELATED TO SEDIMENT REMOVAL:	\$0.00
ENGINEERING RELATED TO STORMWATER IMPROVEMENTS:	\$18,803.36
TOTAL:	\$18,803.36
SIGNED: <u>Daniel Elmes</u>	DATED: <u>5/6/2019</u>

INVOICES ARE DUE UPON PRESENTATION. Subject to 1-1/2% 18% Annum interest/finance charge. Please reference the invoice number when sending payment. Federal Tax ID #41-1520095 -Wenck Associates, Inc.-1800 Pioneer Creek Center PO Box 249- Maple Plain, MN 55359-0249 Toll Free:800-472-2232 Main:763-479-4200 E-mail:accounting@wenck.com Web www.wenck.com

Invoice

June 5, 2019

Invoice No: 11903298

APPROVED - JOSH PETERSEN

Contract #: C0030745

GL /JL: 0770950200 ~ 59072

Date: Jun 08 2019

Comments: P00132

**WENCK**

Joshua Petersen
Dakota County, MN
14955 Galaxie Avenue
Apple Valley, MN 55124

Responsive partner.
Exceptional outcomes.

Project Manager Todd Shoemaker

Project B1305-0033 Thompson Lake Construction Management
Contract No. C0030745.1

Professional Services Through May 31, 2019

Phase B Construction Observation

Construction Observation

Professional Personnel

	Hours	Rate	Amount
Barthel, Joel	170.70	105.00	17,923.50
Jonett, Lucius	.20	142.00	28.40
Totals	170.90		17,951.90
Total Labor			17,951.90

Reimbursable Expenses

Construction Vehicle Allowance	252.00
Mileage - Reimbursable	559.12
Total Reimbursables	811.12

Unit Billing

00-WAI Vehicle Maple Plain

54.75

Phase Total \$18,817.77

Phase C Project Management

Project Management

Professional Personnel

	Hours	Rate	Amount
Elmes, Daniel	27.60	127.00	3,505.20
Shoemaker, Todd	2.80	198.00	554.40
Totals	30.40		4,059.60
Total Labor			4,059.60

Phase Total \$4,059.60**Total Invoice Amount \$22,877.37**

Billing Summary	Current	Prior	Total
	22,877.37	105,182.48	128,059.85

ENGINEERING RELATED TO SEDIMENT REMOVAL:	\$0.00
ENGINEERING RELATED TO STORMWATER IMPROVEMENTS:	\$22,877.37
TOTAL:	\$22,877.37
SIGNED: <u>David Elmes</u>	DATE: 6/6/2019

INVOICES ARE DUE UPON PRESENTATION. Subject to 1-1/2% 18% Annum interest/finance charge. Please reference the invoice number when sending payment. Federal Tax ID #41-1520095 -Wenck Associates, Inc.-1800 Pioneer Creek Center PO Box 249- Maple Plain, MN 55359-0249 Toll Free:800-472-2232 Main:763-479-4200 E-mail:accounting@wenck.com Web www.wenck.com

Invoice

June 19, 2019
Invoice No: 11903760

APPROVED - JOSH PETERSEN

Contract #: C0030745
GL /JL: 0770950200 ~ 59072
Date: Jul 01 2019
Comments: P00132



Joshua Petersen
Dakota County, MN
14955 Galaxie Avenue
Apple Valley, MN 55124

Responsive partner.
Exceptional outcomes.

Project Manager Todd Shoemaker

Project B1305-0033 Thompson Lake Construction Management

Contract No. C0030745.1

Professional Services Through June 14, 2019

Phase G Geotechnical Evaluation

Geotechnical Evaluation

Professional Personnel

	Hours	Rate	Amount
Eickenberg, Paul	39.80	186.00	7,402.80
Elmes, Daniel	19.30	127.00	2,451.10
Shoemaker, Todd	.90	186.00	167.40
Totals	60.00		10,021.30
Total Labor			10,021.30

Reimbursable Expenses

Mileage - Reimbursable	111.36
Total Reimbursables	111.36

Phase Total \$10,132.66

Total Invoice Amount \$10,132.66

Outstanding Invoices

Number	Date	Balance
11903298	6/5/2019	22,877.37
Total		22,877.37

Billing Summary	Current	Prior	Total
	10,132.66	128,059.85	138,192.51

ENGINEERING RELATED TO SEDIMENT REMOVAL:	\$0.00
ENGINEERING RELATED TO STORMWATER IMPROVEMENTS:	\$10,132.66
TOTAL:	\$10,132.66
SIGNED: <i>Daniel Elmes</i>	DATE: 6/26/2019

Invoice

July 3, 2019

Invoice No: 11904093

Joshua Petersen
Dakota County, MN
14955 Galaxie Avenue
Apple Valley, MN 55124

APPROVED - JOSH PETERSEN

Contract #: C0030745
GL /JL: 0770950200 ~ 59072
Date: Jul 08 2019
Comments: P00132



Responsive partner.
Exceptional outcomes.

Project Manager Todd Shoemaker

Project B1305-0033 Thompson Lake Construction Management
Contract No. C0030745.1

Professional Services Through June 30, 2019

Phase B Construction Observation

Construction Observation

Professional Personnel

	Hours	Rate	Amount	
Barthel, Joel	11.70	105.00	1,228.50	
Totals	11.70		1,228.50	
Total Labor				1,228.50

Reimbursable Expenses

Construction Vehicle Allowance	12.00		
Mileage - Reimbursable	27.26		
Total Reimbursables	39.26		39.26

Phase Total \$1,267.76

Phase D Record Drawings

Record Drawings

Professional Personnel

	Hours	Rate	Amount	
Barthel, Joel	14.20	105.00	1,491.00	
Totals	14.20		1,491.00	
Total Labor				1,491.00

Reimbursable Expenses

Mileage - Reimbursable	27.26		
CVA-Construction Vehicle Allowance	12.00		
Total Reimbursables	39.26		39.26

Phase Total \$1,530.26

Phase F Materials Testing

Materials Testing

Professional Personnel

	Hours	Rate	Amount	
Barthel, Joel	12.10	105.00	1,270.50	
Elmes, Daniel	9.70	127.00	1,231.90	
Totals	21.80		2,502.40	
Total Labor				2,502.40

Reimbursable Expenses

Mileage - Reimbursable	27.26		
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INVOICES ARE DUE UPON PRESENTATION. Subject to 1-1/2% 18% Annum interest/finance charge. Please reference the invoice number when sending payment. Federal Tax ID #41-1520095 -Wenck Associates, Inc.-1800 Pioneer Creek Center PO Box 249- Maple Plain, MN 55359-0249 Toll Free:800-472-2232 Main:763-479-4200 E-mail:accounting@wenck.com Web www.wenck.com

Project	B1305-0033	Thompson Lake Construction Management	Invoice	11904093
CVA-Construction Vehicle Allowance			12.00	
Total Reimbursables			39.26	39.26
			Phase Total	\$2,541.66
			Total Invoice Amount	\$5,339.68

Outstanding Invoices

Number	Date	Balance
11903760	6/19/2019	10,132.66
Total		10,132.66

	Current	Prior	Total
Billing Summary	5,339.68	138,192.51	143,532.19

Invoice

August 7, 2019
Invoice No: 11905212

Joshua Petersen
Dakota County, MN
14955 Galaxie Avenue
Apple Valley, MN 55124

APPROVED - J. PETERSEN
GL/JL: 0770950200
Contract No: C0030745
Date: Aug 08 2019
Notes: CIP P00132



Responsive partner.
Exceptional outcomes.

Project Manager Todd Shoemaker

Project B1305-0033 Thompson Lake Construction Management
Contract No. C0030745.1

Professional Services Through July 31, 2019

Phase C Project Management

Project Management

Professional Personnel

	Hours	Rate	Amount
Elmes, Daniel	9.30	127.00	1,181.10
Totals	9.30		1,181.10
Total Labor			1,181.10
Phase Total			\$1,181.10

Phase F Materials Testing

Materials Testing

Outside Services

American Engineering Testing, Inc.	3,579.66
Outside Services Total	3,579.66
Phase Total	\$3,579.66

Total Invoice Amount \$4,760.76

Billing Summary	Current	Prior	Total
	4,760.76	143,532.19	148,292.95

Invoice

September 9, 2019
Invoice No: 11906039

Joshua Petersen
Dakota County, MN
14955 Galaxie Avenue
Apple Valley, MN 55124

APPROVED - J. PETERSEN
GL/JL: 0770950200 / 59072
Contract No: C0030745
Date: Sep 09 2019
Notes: CIP #P00132



Responsive partner.
Exceptional outcomes.

Project Manager Todd Shoemaker

Project B1305-0033 Thompson Lake Construction Management

Contract No. C0030745.1

Professional Services Through August 31, 2019

Phase C Project Management

Project Management

Professional Personnel

	Hours	Rate	Amount
Elmes, Daniel	.90	127.00	114.30
Totals	.90		114.30
Total Labor			114.30
Phase Total			\$114.30
Total Invoice Amount			\$114.30

	Current	Prior	Total
Billing Summary	114.30	148,292.95	148,407.25

Invoice

November 5, 2019
Invoice No: 11907664

Joshua Petersen
Dakota County, MN
14955 Galaxie Avenue
Apple Valley, MN 55124

APPROVED - J. PETERSEN**GL/JL: 0770950200 ~ 59072****Contract No: C0030745****Date: Nov 07 2019****Notes: CIP # P00132**

Responsive partner.
Exceptional outcomes.

Project Manager Todd Shoemaker

Project B1305-0033 Thompson Lake Construction Management
Contract No. C0030745.1

Professional Services Through October 31, 2019

Phase C Project Management

Project Management

Professional Personnel

	Hours	Rate	Amount
Elmes, Daniel	5.60	127.00	711.20
Totals	5.60		711.20
Total Labor			711.20

Reimbursable Expenses

Mileage - Reimbursable	28.42
Total Reimbursables	28.42

Phase Total \$739.62

Total Invoice Amount \$739.62

	Current	Prior	Total
Billing Summary	739.62	148,407.25	149,146.87

LMRWMO 2021 Financial Summary									
Actual Revenues									
ESTIMATED REVENUES AND ASSETS	Budget	Dec 10 2020 - Jan 13 2021	Jan 14 - Feb 10 2021	Feb 11 - Mar 10 2021	Mar 12 - April 14 2021	April 15 - May 12 2021	May 13 - June 9 2021	Total	Variance
Use of Fund Balance	\$28,896.00							\$0.00	\$28,896.00
Dues from Members	\$110,224.00			\$48,007.65				\$48,007.65	\$62,216.35
Interest	\$600.00	\$43.47	\$43.24	\$56.34				\$143.05	\$456.95
Other/Grant Match	\$0.00	\$300.00	\$300.00					\$600.00	(\$600.00)
LMCIT Rebate	\$500.00	\$360.00						\$360.00	\$140.00
Other Grants	\$0.00							\$0.00	\$0.00
BWSR FY16-18 CWF & FY19 WBF Grants ²	\$405,000.00			\$230,400.00				\$230,400.00	\$174,600.00
TOTAL	\$545,220.00	\$703.47	\$343.24	\$278,463.99	\$0.00	\$0.00	\$0.00	\$49,110.70	
Actual Expenses									
ESTIMATED EXPENSES AND LIABILITIES	Budget	Dec 10 2020 - Jan 13 2021	Jan 14 - Feb 10 2021	Feb 11 - Mar 10 2021	Mar 12 - April 14 2021	April 15 - May 12 2021	May 13 - June 9 2021	Total	Balance Remaining
Engineering/Technical Assistance									
Technical Assistance	\$5,500.00	\$17.00		\$426.00				\$443.00	\$5,057.00
Meetings	\$6,000.00	\$725.00		\$781.00				\$1,506.00	\$4,494.00
Plan Reviews	\$0.00							\$0.00	\$0.00
Watershed Plan Amendment	\$40,000.00							\$0.00	\$40,000.00
Project Planning/Implementation									
Plan Implementation	\$0.00							\$0.00	\$0.00
Landscaping for Clean Water Projects	\$15,000.00		\$3,750.00					\$3,750.00	\$11,250.00
Water Monitoring	\$6,500.00	\$2,730.00	\$1,200.00					\$3,930.00	\$2,570.00
Education									
Landscaping for Clean Water Workshops	\$6,400.00							\$0.00	\$6,400.00
MN Water Stewards Program	\$10,500.00		\$520.00	\$6,000.00				\$6,520.00	\$3,980.00
Storm Drain Stenciling Program	\$0.00							\$0.00	\$0.00
Storwater Signage Program	\$2,500.00							\$0.00	\$2,500.00
WMO Tabling/Event Materials	\$600.00							\$0.00	\$600.00
Host Neighborhood or Lake Assn. Mtgs	\$1,200.00							\$0.00	\$1,200.00
General Education Requests	\$1,000.00							\$0.00	\$1,000.00
Metro Watershed Partners Membership	\$1,000.00							\$0.00	\$1,000.00
Board Tour / Boat Tour	\$4,000.00							\$0.00	\$4,000.00
Website Maint.	\$1,700.00		\$225.00					\$225.00	\$1,475.00
CAC Coordination	\$1,120.00							\$0.00	\$1,120.00
Board Education	\$1,500.00							\$0.00	\$1,500.00
Administration									
General Administration	\$30,000.00	\$2.00	\$4,012.00	\$4.00				\$4,018.00	\$25,982.00
Accounting Services	\$1,400.00							\$0.00	\$1,400.00
Insurance	\$2,500.00							\$0.00	\$2,500.00
Attorney and Audit	\$4,500.00	\$34.00	\$664.80	\$325.00				\$1,023.80	\$3,476.20
BWSR FY16-19 CWF & WBF Grants³	\$550,000.00	\$0.00	\$203,729.78	\$270,979.37				\$474,709.15	\$75,290.85
Subtotal Operating Costs Only	\$142,920.00	\$3,508.00	\$10,371.80	\$7,536.00	\$0.00	\$0.00	\$0.00	\$21,415.80	
TOTAL EXPENSES	\$835,840.00	\$3,508.00	\$214,101.58	\$278,515.37	\$0.00	\$0.00	\$0.00	\$496,124.95	
Overall Fund Balance		\$376,255.11	\$162,496.77	\$162,445.39	\$162,445.39	\$162,445.39	\$162,445.39		
Total Clean Water Fund Grant Balance		\$212,956.51	\$9,226.73	-\$31,352.64	\$0.00	\$0.00	\$0.00		
LMRWMO Operating Fund Balance		\$163,298.60	\$153,270.04	\$193,798.03	\$0.00	\$0.00	\$0.00		
Unencumbered Operating Fund Balance¹		\$118,298.60	\$108,270.04	\$148,798.03	\$0.00	\$0.00	\$0.00		

Carryover Fund Balance from Dec. 10, 2020 \$ 379,059.64

2020 Budget Notes:

1. \$45,000 total set aside in 2021 for Watershed Management Plan
2. Budget is an estimate and will vary depending on grant project progress.

LMRWMO Grants Financial Summary (2016-2021)

ESTIMATED REVENUES AND ASSETS	Budget	Sum: Mar 10 - Dec 14 2016	Sum: Dec 15, 2016 - Dec 13, 2017	Sum: Dec 14, 2017 - Dec 12, 2018	Sum: Dec 13 2018 - Dec 11 2019	Sum: Dec 13 2018 - Dec 11 2019	Dec 10 2020 - Jan 13 2021	Jan 14 2021 - Feb 10 2021	Feb 11 2021 - Mar 10 2021	Total	Variance
BWSR FY16-18 CWF Grant Payment - Thompson	\$576,000.00	\$288,000.00							\$230,400.00	\$518,400.00	(\$57,600.00)
BWSR FY16-18 CWF Grant Payments - Alum	\$196,000.00	\$98,000.00			\$78,400.00	\$19,600.00				\$196,000.00	\$0.00
BWSR FY18 CWF Grant Payments - Cherokee	\$700,000.00			\$350,000.00	\$280,000.00					\$630,000.00	(\$70,000.00)
*Lake Augusta Matching Funds¹	\$24,500.00		\$37,500.00							\$37,500.00	\$13,000.00
*Sunfish Lake Matching Funds	\$24,500.00	\$26,129.13	\$870.97							\$27,000.10	\$2,500.10
Thompson Lake Matching Funds	\$144,000.00									\$0.00	(\$144,000.00)
FY-2019 Watershed Based Funds	\$144,670.00				\$72,335.00					\$72,335.00	(\$72,335.00)
TOTAL MATCH FUND RECEIVED	\$193,000.00	\$26,129.13	\$38,370.97	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$64,500.10	(\$128,499.90)
TOTAL GRANT FUNDS RECEIVED	\$1,616,670.00	\$386,000.00	\$0.00	\$350,000.00	\$430,735.00	\$19,600.00	\$0.00	\$0.00	\$230,400.00	\$1,416,735.00	(\$808,335.00)

ESTIMATED EXPENSES AND LIABILITIES	Budget	Sum: Mar 10 - Dec 14 2016	Sum: Dec 15, 2016 - Dec 13, 2017	Sum: Dec 14, 2017 - Dec 12, 2018	Sum: Dec 13 2018 - Dec 11 2019	Sum: Dec 12 2019 - Dec 9 2020	Dec 10 2020 - Jan 13 2021	Jan 14 2021 - Feb 10 2021	Feb 11 2021 - Mar 10 2021	Total	Balance Remaining	Summary
Thompson Lake Stormwater Improvements												
Grant Administration	\$15,000.00		\$1,912.50	\$2,437.50	\$3,256.48	\$1,054.02		\$1,169.94		\$9,830.44	\$5,169.56	Thompson Lake Stormwater Improvements
Project Development	\$15,000.00	\$1,077.50	\$4,347.50	\$8,737.50	\$5,983.64	\$2,490.12		\$415.14		\$23,051.40	(\$8,051.40)	\$576,000.00 Total Grant
Education and Outreach	\$18,000.00			\$2,375.00	\$18,072.64	\$730.37				\$21,178.01	(\$3,178.01)	\$576,000.00 Spent 100.00%
Engineering, Design, Permitting	\$140,000.00		\$1,960.00	\$44,409.65	\$56,869.10	\$3,090.26		\$49,918.24		\$156,247.26	(\$16,247.26)	\$378,486.73 Match
Forebay, Wetland, & Pond Install	\$344,000.00				\$72,719.65	\$71,912.11				\$187,406.13	\$332,037.89	\$11,962.11
Forebay, Wetland, & Pond Install Match	\$144,000.00			\$11,102.41	\$63,382.60					\$304,001.72	\$378,486.73	\$518,400.00 Funds Received 50%
Water Reuse Irrigation System	\$44,000.00								\$33,655.00	\$33,655.00	\$10,345.00	-\$57,600.00 Funds on Hand
Cherokee Heights Stormwater												
Grant Administration	\$12,000.00			\$520.00	\$5,014.73	\$1,927.77				\$7,462.50	\$4,537.50	Cherokee Heights Stormwater
Project Development	\$10,000.00			\$5,240.00	\$5,543.36	\$1,118.01				\$11,901.37	(\$1,901.37)	\$700,000.00 Total Grant
Rainbarrel Program	\$15,000.00			\$840.00	\$11,163.91					\$12,003.91	\$2,996.09	
Ravine Stabilization	\$275,000.00				\$187,519.28			\$155,142.40		\$342,661.68	(\$67,661.68)	\$673,777.86 Spent 96.25%
Ravine Stabilization Match	\$210,000.00				\$57,996.18					\$57,996.18	\$152,003.82	\$175,000.00 Match
Ravine Stabilization Engineering, Design	\$137,000.00				\$90,323.45			\$46,964.56		\$137,288.01	(\$288.01)	
Stormwater BMP Construction	\$211,000.00				\$137,011.46					\$137,011.46	\$73,988.54	
Stormwater BMP Construction Match	\$170,000.00				\$117,003.82					\$117,003.82	\$52,996.18	\$630,000.00 Funds Received 90%
Stormwater BMP Engineering, Design	\$40,000.00				\$25,448.93					\$25,448.93	\$14,551.07	-\$43,777.86 Funds on Hand
FY 2019 Watershed Based Funding												
Grant Administration	\$8,000.00				\$37.35	\$43.23				\$80.58	\$7,919.42	FY 2019 Watershed Based Funding
Education Program Implementation	\$36,000.00				\$914.60					\$914.60	\$35,085.40	\$144,670.00 Total Grant
Education Program Project Dev.	\$4,670.00				\$87.41	\$144.22				\$231.63	\$4,438.37	
Education Program Project Dev. Match	\$4,670.00									\$0.00	\$4,670.00	
Interstate Valley Creek Project Dev.	\$4,000.00				\$74.69					\$74.69	\$3,925.31	\$2,309.79 Spent 1.60%
Interstate Valley Creek Study	\$44,000.00									\$0.00	\$44,000.00	\$0.00 Match
Interstate Valley Creek Study Match	\$25,000.00									\$0.00	\$25,000.00	\$142,360.21 Balance
Lake Augusta Project Development	\$4,000.00				\$373.45	\$597.10		\$37.74		\$1,008.29	\$2,991.71	
Lake Augusta Study	\$44,000.00									\$0.00	\$44,000.00	\$72,335.00 Funds Received 50%
Lake Augusta Study Match	\$30,000.00									\$0.00	\$30,000.00	\$70,025.21 Funds on Hand
TOTAL GRANT EXPENSE	\$1,616,670.00	\$10,086.31	\$184,091.92	\$70,759.05	\$625,334.00	\$83,107.21	\$0.00	\$203,729.78	\$270,979.37	\$1,448,087.64	\$168,582.36	
TOTAL MATCH EXPENSE	\$632,670.00	\$0.00	\$64,493.80	\$11,102.41	\$238,382.60	\$0.00	\$0.00	\$0.00	\$304,001.72	\$617,980.53	\$14,689.47	
LMRWMO GRANT FUND BALANCE		\$375,913.69	\$191,821.78	\$471,062.73	\$276,463.72	\$212,956.51	\$212,956.51	\$9,226.73	-\$31,352.64			

Review of Consultant Services

Notice is hereby given that pursuant to Minnesota Statutes §103B.227 Subd. 5, the Board of Managers for the Lower Mississippi River Watershed Management Organization is currently conducting a review of consulting services. Any person or persons interested in serving as auditor, engineer, or legal consultant, may submit a proposal on or before 4:30 p.m., April 10th, 2021 in a sealed envelope, identified on the outside as a Proposal for Consulting Services and sent or delivered to the Lower Mississippi River WMO, c/o Joe Barten, Dakota County Soil and Water Conservation District, 4100 220th St. West, Suite 102, Farmington MN 55024.



MEMORANDUM

To: LMRWMO Board of Managers
From: Joe Barten, Dakota County SWCD
Subject: 2021 Water Monitoring Planning
Date: March 2, 2021

WATER MONITORING HISTORY

The LMRWMO Watershed Management Plan identifies the need to evaluate and track water quality trends through monitoring of DNR protected water bodies within the WMO. Monitoring efforts since 2011 have focused on lakes larger than 10 acres and on water bodies identified by the member Cities to be of interest. The attached monitoring summary table shows the lakes historically monitored by the LMRWMO and Member Cities, primarily through the Metropolitan Council's Citizen Assisted Monitoring Program (CAMP) with volunteer coordination, data analysis processing, and Met. Council coordination provided by the Dakota County SWCD.

RECOMMENDED 2021 WATER MONITORING

Dakota County SWCD staff recommends continuing to monitor Thompson Lake, Pickerel Lake, Seidl's Lake, Lake Augusta, Schmitt Lake, Dickman Lake, Interstate Valley Creek, and Ivy Falls Creek in 2021. The water quality data is useful in tracking the effectiveness of LMRWMO past and potential future projects implemented to improve the water quality of those waterbodies. To maintain baseline data, Dickman and Schmitt lakes are also recommended for monitoring in 2021.

If LMRWMO member Cities would like additional lakes to be included in the 2021 contract between the Met Council and LMRWMO, please propose them at the March 10th meeting, as the Met Council has a March deadline to submit lakes to be included in the CAMP program.

LAKE MONITORING PROCESS

The CAMP program obtains data on eutrophication parameters only, which include total phosphorus, chlorophyll *a*, and Secchi depth. CAMP volunteers also collect surface temperature data and note general observations such as water color, odor, wind conditions, lake level, amount of aquatic plants, physical condition, and recreational suitability.

The cost per lake for CAMP covers the training, monitoring equipment, and monitoring supplies for each CAMP volunteer, as well as the laboratory analysis.

STREAM MONITORING PROCESS

Dakota County SWCD staff are coordinating with a volunteer stream monitor at Interstate Valley Creek and Ivy Falls Creek (2 sites). The sample analysis occurs through the Met Council's lab. Staff is currently seeking permission to enter private property to access a new monitoring location on Ivy Falls Creek for ease in sample gathering and safety concerns over a site identified in previous years.

2021 WATER MONITORING COST ESTIMATE

Thompson Lake	CAMP - 7 Events	\$380
Pickerel Lake	CAMP - 7 Events	\$380
Seidls Lake	CAMP - 7 Events	\$380
Lake Augusta	CAMP - 14 Events	\$760
Schmitt Lake	CAMP - 7 Events	\$380
Dickman Lake	CAMP - 7 Events	\$380
Interstate Valley Creek	CAMP - 7 Events	\$400
Ivy Falls Creek (2 sites)	CAMP - 14 Events	\$800
Total		\$3,860

The current 2021 LMRWMO Budget and 2021 SWCD Work Plan includes services for data management, volunteer coordination, and backup water monitoring if the volunteer is unavailable. SWCD staff can reach out to landowners on Dickman and Schmitt Lakes to solicit volunteer water monitors.

ADDITIONAL INFORMATION

The Metropolitan Council's 2020 CAMP data is not yet fully available. When this information becomes available, Dakota SWCD staff will update, finalize, and post the attached 2020 monitoring reports on the LMRWMO website.

BOARD ACTION REQUESTED:

- Determine which waterbodies to fund water quality monitoring for 2021. SWCD staff recommend Thompson Lake, Pickerel Lake, Seidls Lake, Lake Augusta, Schmitt Lake, Dickman Lake, Interstate Valley Creek, and Ivy Falls Creek (2 sites)
- Authorize the Administrator to execute an agreement with the Metropolitan Council for 2021 water monitoring through the CAMP program

ATTACHED:

Summary Table of Past and Future LMRWMO Water Monitoring
DRAFT 2020 LMRWMO Monitoring Reports

Summary of Water Monitoring in the LMRWMO

Waterbody	Area (Acres)	Waterbody Location	MPCA Waterbody Type	Public Access?	Notes	Impairments & Year Listed	WQ Comments (updated 2016)	Past Monitoring (Pre-2010)	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Long Term Monitoring Notes:
Monitoring Goal: Tracking Trends or Changes in Water Quality (Monitor Frequently)															5 year Monitoring Plan					
Lake Augusta	33	Mendota Heights	Lake (deep or shallow)	Private - no access	33 ft max depth (from MPCA description)	2010 - Nutrients/Eutrophication biological indicators		CAMP 2007-2009	WMO (CAMP)	WMO (CAMP)	WMO (CAMP)	WMO (CAMP)	WMO (CAMP)	WMO (CAMP)	WMO (CAMP)	WMO (CAMP)	WMO (CAMP)	WMO (CAMP)	WMO (CAMP)	Continue WMO CAMP monitoring with potential additional monitoring.
Thompson Lake	7	West St. Paul	Shallow Lake	Public - dock access	8 ft max depth. Fish stocked (FiN program)	2014 - Nutrients/Eutrophication bio. indicators, Chloride		Uncertain	WMO (CAMP)	WMO (CAMP)	WMO (CAMP)	WMO (CAMP)	WMO (CAMP)	WMO (CAMP)	WMO (CAMP) /SWCD	WMO (CAMP)	WMO (CAMP)	WMO (CAMP)	WMO (CAMP)	Continue WMO CAMP. Will do SWCD chloride monitoring in 2021.
Seidl's Lake	7	South St. Paul/Inver Grove Heights	Shallow Lake	Public - dock access	14 acres, max depth of 17 feet.		poor- mean TP = 73 ug/L (through 2009)	CAMP (1995-2009)			WMO (CAMP)	WMO (CAMP)	WMO (CAMP)	WMO (CAMP)	WMO (CAMP)	WMO (CAMP)	WMO (CAMP)	WMO (CAMP)	WMO (CAMP)	Continue WMO CAMP monitoring.
Rogers Lake	107	Mendota Heights	Shallow Lake	Public - dock access	8 ft max depth; 97% littoral; fish stocked (FiN)		good- mean TP = 40 ug/L (through 2009)	CAMP (2007-2009)	(CITY CAMP)	(CITY CAMP)	(CITY CAMP)	(CITY CAMP)	(CITY CAMP)	(CITY CAMP)	(CITY CAMP)	(CITY CAMP)	(CITY CAMP)	(CITY CAMP)	(CITY CAMP)	Monitoring expected to continue through City
Sunfish Lake	45	Sunfish Lake	Deep Lake	Private - no access	32 ft max depth (from lake depth map)	2010 - Nutrients/Eutrophication bio. indicators	moderate- mean TP = 49 ug/L (through 2009)	CAMP (2006-2009)	(CITY CAMP)	(CITY CAMP)	(CITY CAMP)	(CITY CAMP)	(CITY CAMP)	(CITY CAMP)	(CITY CAMP)	(CITY CAMP)	(CITY CAMP)	(CITY CAMP)	(CITY CAMP)	Monitoring expected to continue through City
Hornbean Lake	22	Sunfish Lake/Inver Grove Heights	Shallow Lake	Private - no access	Estimated depth of 9 ft (DNR fisheries)		moderate- mean TP = 57 ug/L (through 2009)	CAMP (2006-2009)	(CITY CAMP)	(CITY CAMP)	(CITY CAMP)	(CITY CAMP)	(CITY CAMP)	(CITY CAMP)	(CITY CAMP)	(CITY CAMP)	(CITY CAMP)	(CITY CAMP)	(CITY CAMP)	Monitoring expected to continue through City
Horseshoe Lake	14	Sunfish Lake/Inver Grove Heights	Shallow Lake	Private - no access			good- mean TP = 38 ug/L (through 2009)	CAMP (2006-2009)	(CITY CAMP)		(CITY CAMP)	(CITY CAMP)	(CITY CAMP)	(CITY CAMP)	(CITY CAMP)	(CITY CAMP)	(CITY CAMP)	(CITY CAMP)	(CITY CAMP)	Monitoring expected to continue through City
Simley Lake	11	Inver Grove Heights	Shallow Lake	Public - dock access	17 ft max depth; fish stocked (FiN program)		moderate- mean TP = 45 ug/L	CAMP (1995-2002)							WMO (CAMP)	WMO (CAMP)	WMO (CAMP)	(CITY CAMP)	(CITY CAMP)	Monitor for 2 years to re-establish baseline.
Lemay Lake	25	Mendota Heights	Shallow Lake	Private - no access				CAMP 2007-2009	(CITY CAMP)	(CITY CAMP)	(CITY CAMP)	(CITY CAMP)	(CITY CAMP)	(CITY CAMP)	(CITY CAMP)	(CITY CAMP)	(CITY CAMP)	(CITY CAMP)	(CITY CAMP)	Monitoring expected to continue through City
Interstate Valley Creek		Mendota Heights	Stream	N/A							WMO (CAMP)	WMO (CAMP)	WMO (CAMP)	WMO (CAMP)	WMO (CAMP)	WMO (CAMP)	WMO (CAMP)	WMO (CAMP)	WMO (CAMP)	Continue WMO CAMP monitoring with potential additional monitoring.
Ivy Falls Creek		Mendota Heights	Stream	N/A										WMO (CAMP)	WMO (CAMP)	WMO (CAMP)	WMO (CAMP)	WMO (CAMP)	WMO (CAMP)	Begin alternating 3 years on, 3 years off monitoring.

Monitoring Goal: Establishing Baseline Conditions (Monitor Infrequently)																						
Pickerel Lake	107	Lilydale/St. Paul	Shallow Lake	Public - boat landing	11 ft max depth; 100% littoral	2010 - Mercury in fish tissue	Uncertain - need more information on years not flooded	Uncertain	WMO (CAMP)	WMO (CAMP)	WMO (CAMP)	WMO (CAMP)	WMO (CAMP)	WMO (CAMP)				WMO (CAMP)	WMO (CAMP)		Begin alternating 2 years on, 2 years off monitoring in non-flood years.	
Ohmans Lake (part of Marcott Lakes)	22	Inver Grove Heights	Deep Lake	Private - no access	33 ft max depth (from lake depth map)		secchi 3.5 - 4.7	CLMP (1988-1989, 1997)											WMO (CAMP)	WMO (CAMP)	Monitor for 2 years to re-establish baseline.	
Rosenberger Lake (part of Marcott Lakes)	20	Inver Grove Heights	Deep Lake	Private - no access	27 ft max depth; 95% littoral		good- mean TP = 24 ug/L	CAMP (1995-2002)											WMO (CAMP)	WMO (CAMP)	Monitor for 2 years to re-establish baseline.	
Dickman Lake	24	Inver Grove Heights	Shallow Lake	Private - no access	8 ft max depth (from LMRWMO 2010 sampling)		moderate- mean TP = 64 ug/L	(1996-1997)					WMO (CAMP)		WMO (CAMP)				WMO (CAMP)	WMO (CAMP)	Monitor for 2 years to re-establish baseline.	
Schmitt Lake	61	Inver Grove Heights	Shallow Lake	Private - no access	6 ft max depth (from LMRWMO 2010 sampling)		poor- mean TP = 98 ug/L	Uncertain					WMO (CAMP)		WMO (CAMP)				WMO (CAMP)	WMO (CAMP)	Monitor for 2 years to re-establish baseline.	
Anderson Pond	3	South St. Paul	(Wetland or shallow lake)	Public - no access				Uncertain												WMO (CAMP)		Monitor for 2 years to re-establish baseline.
LeVander Pond	3	South St. Paul	(Wetland or shallow lake)	Private - no access				Uncertain												WMO (CAMP)		Monitor for 2 years to re-establish baseline.

Summary of Water Monitoring in the LMRWMO

Waterbody	Area (Acres)	Waterbody Location	MPCA Waterbody Type	Public Access?	Notes	Impairments & Year Listed	WQ Comments (updated 2016)	Past Monitoring (Pre-2010)	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Long Term Monitoring Notes:
Monitoring Goal: Potential Future, None Currently																				
Friendly Marsh	18	Mendota Heights	Lake (deep or shallow)	Public - no access				Uncertain												
McGroarty Pond	17	Inver Grove Heights	Lake (deep or shallow)	Public - no access	fish stocked (FIN program)			Uncertain												
Marthaler		West. St. Paul	(Wetland or shallow lake)	Public - no access																
Unnamed (southwest of McGroarty Pond)	13	Inver Grove Heights	(Wetland or shallow lake)	Private - no access				Uncertain												
Bohrer Pond	14	South St. Paul/Inver Grove Heights	Lake (possibly deep or shallow)	Public - no access				Uncertain												
Unnamed (part of Marcott Lakes)	12	Inver Grove Heights	(Wetland or shallow lake)	Private - no access				Uncertain												
Unnamed (Pagel Pond)	6	Mendota Heights	Shallow Lake	Private - no access			poor- mean TP = 75 ug/L	One year of data (not sure of year or source)												
Mud Lake	4	West St. Paul	(Wetland or shallow lake)	Public - no access				Uncertain												
Lily Lake		West St. Paul	(Wetland or shallow lake)	Private - no access							(CAMP)									
Unnamed	10	Mendota Heights	(Wetland or shallow lake)	Public - no access				Uncertain												

Seidls Lake

Citizen Assisted Monitoring Program (CAMP)

2020 Water Monitoring Report



Lake Summary

Seidls Lake is located in the Cities of Inver Grove Heights and the City of South Saint Paul, within the Lower Mississippi River Watershed Management Organization (LMRWMO). Land use within the watershed is primarily residential with a portion of the west watershed in institutional land use (golf course) and a portion of Hwy 52. The lake is not currently listed on Minnesota's 303(d) List of Impaired Waters.

Lake Details

Max Depth: 17 feet

Watershed Size (shown): 420 acres

Major Watershed: Mississippi River

MPCA Lake Classification: Shallow

Met Council 2020 Lake Grade: X+⁻



Water Quality Monitoring Need

Seidls Lake is monitored as part of the LMRWMO's participation in the Metropolitan Council's Citizen Assisted Monitoring Program (CAMP) volunteer lake water monitoring program. The lake is surrounded by City parkland and is identified as a priority waterbody by the Cities and LMRWMO. High lake water levels compared to historic levels have been observed in the last 15 years; likely due in part to the lack of a natural lake outlet. A water quality improvement project to intercept and infiltrate stormwater prior to entering the lake was implemented in 2018.

2020 Monitoring Summary

Following the 2018 water quality project, there are marked improvements for all three eutrophication parameters when comparing 2020 data to 2010-2014 data. The below table shows the 2020 data.

Eutrophication Parameters	MPCA Standard	Minimum	Maximum	Average
Chlorophyll-a (ug/L)	20	3.1	100	30
Total Phosphorus (ug/L)	60	10	368	65
Secchi Depth (m)	1	0.25	3.7	1.2

Water Quality Data 1995-2020



Chlorophyll-a*

Chlorophyll-a is the pigment that gives plants their green color. High levels indicate excessive algae from high nutrient levels in the lake. Low chlorophyll-a levels indicate good water quality.

Watershed Projects

The LMRWMO partnered with the City of South St. Paul to install large underground pipe chambers to infiltrate stormwater before it enters Seidls Lake. The project was implemented with a street reconstruction project.

The lake will continue to be monitored to track further water quality improvements. A feasibility study is in progress to determine whether constructing a lake outlet can maintain a stable lake level and reduce erosion.



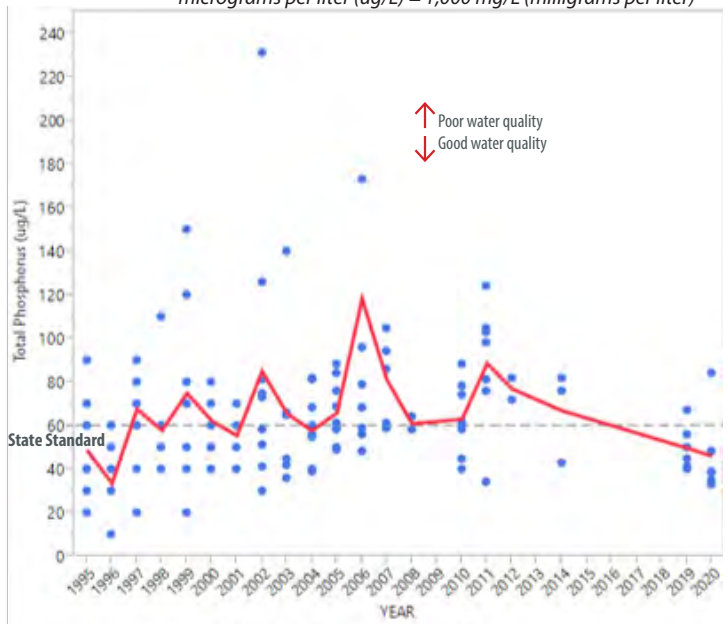
How can you get involved?

You don't have to live on a lake to help protect water quality, **anyone can be part of the solution!** Landscaping with native plants or installing a raingarden **increases water infiltration**, decreases lawn maintenance, and reduces pollution runoff. The LMRWMO has partnered with the Dakota County Soil and Water Conservation District to offer grants to residents who install a native garden, raingarden, or shoreline restoration as part of their **Landscaping for Clean Water** program.

Additional Information:

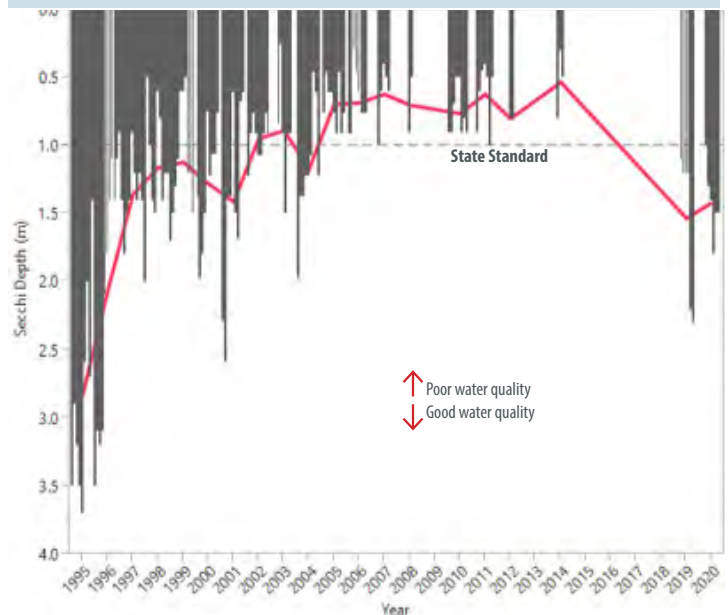
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 LMRWMO Website: www.lmrwmo.org
 LMRWMO Contact: Joe Barten - joe.barten@co.dakota.mn.us 651-480-7784

*micrograms per liter (ug/L) = 1,000 mg/L (milligrams per liter)



Phosphorus*

Phosphorus is a nutrient required for plant growth. High phosphorus levels can lead to algae blooms, turning water green. Low phosphorus levels indicate good water quality.



Secchi Depth

A black and white secchi disc is lowered into the water until no longer visible and measures water clarity. High secchi disc depths indicate good water quality.

Sunfish Lake

Citizen Assisted Monitoring Program (CAMP)

2020 Water Monitoring Report



Lake Summary

Sunfish Lake is located in the City of Sunfish Lake, within the Lower Mississippi River Watershed Management Organization (LMRWMO). Land use within the watershed is primarily low density residential. Sunfish Lake was placed on Minnesota's 303(d) List of Impaired Waters in 2010 for aquatic recreation due to excess nutrients (phosphorus).

Lake Details

Max Depth: 32 feet

Watershed Size (shown): 235 acres

Major Watershed: Mississippi River

MPCA Lake Classification: Deep

Met Council 2020 Lake Grade: X+-



Water Quality Monitoring Need

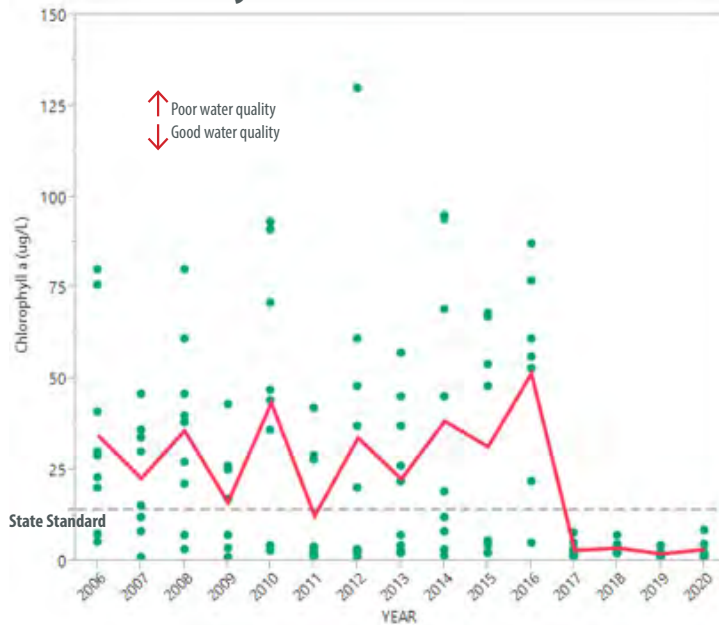
Sunfish Lake is monitored on an annual basis as part of the City of Sunfish Lake's participation in the Met. Council's Citizen Assisted Monitoring Program (CAMP) volunteer lake water monitoring program. The lake has been meeting the deep lake water quality criteria set forth by the Minnesota Pollution Control Agency (MPCA) since 2017, following an aluminum sulfate treatment by the LMRWMO.

2020 Monitoring Summary

Following the 2017 alum treatment, there were improvements for all three eutrophication parameters when compared to data collected in 2016 (pre-treatment). When comparing 2019 monitoring data with 2020, there is increased variability in both the total phosphorus and secchi readings whereas chlorophyll-a remained low. The below table shows the 2020 data.

Eutrophication Parameters	MPCA Standard	Minimum	Maximum	Average
Chlorophyll-a (ug/L)	14	1	130	25
Total Phosphorus (ug/L)	40	3	189	37
Secchi Depth (m)	1.4	0.4	5.6	2.15

Water Quality Data 2006-2020



Chlorophyll-a*

Chlorophyll-a is the pigment that gives plants their green color. High levels indicate excessive algae from high nutrient levels in the lake. Low chlorophyll-a levels indicate good water quality.

Watershed Projects

Recent studies conducted by the LMRWMO identified internal phosphorus from the lake bottom as the primary source of phosphorus in Sunfish Lake.

In 2017, the LMRWMO implemented an in-lake aluminum sulfate (alum) treatment to improve water quality. Upon application, the alum binds with phosphorus as aluminum phosphate and settles to the lake bottom.



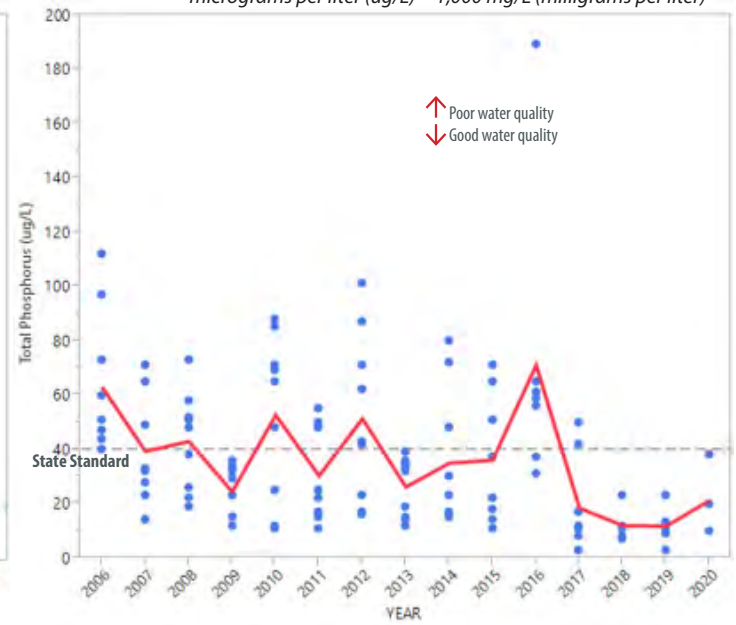
How can you get involved?

You don't have to live on a lake to help protect water quality, **anyone can be part of the solution!** Landscaping with native plants or installing a raingarden **increases water infiltration**, decreases lawn maintenance, and reduces pollution runoff. The LMRWMO has partnered with the Dakota County Soil and Water Conservation District to offer grants to residents who install a native garden, raingarden, or shoreline restoration as part of their **Landscaping for Clean Water** program.

Additional Information:

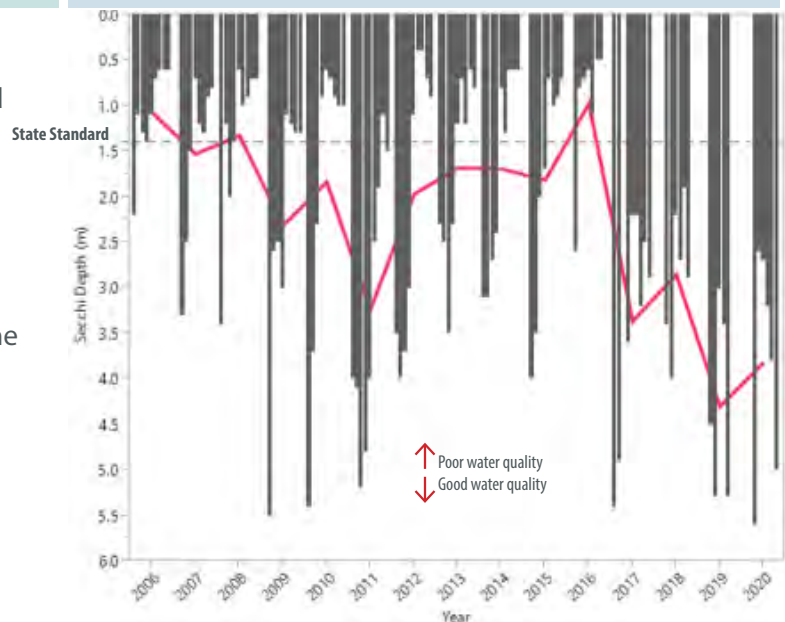
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 LMRWMO Website: www.lmrwmo.org
 LMRWMO Contact: Joe Barten - joe.barten@co.dakota.mn.us 651-480-7784

*micrograms per liter (ug/L) = 1,000 mg/L (milligrams per liter)



Phosphorus*

Phosphorus is a nutrient required for plant growth. High phosphorus levels can lead to algae blooms, turning water green. Low phosphorus levels indicate good water quality.



Secchi Depth

A black and white secchi disc is lowered into the water until no longer visible and measures water clarity. High secchi disc depths indicate good water quality.

Thompson Lake

Citizen Assisted Monitoring Program (CAMP)
2020 Water Monitoring Report



Lake Summary

Thompson Lake is located in the City of West Saint Paul within the Lower Mississippi River Watershed Management Organization (LMRWMO). Land use within the watershed is primarily commercial, institutional, low density residential, and parkland. Thompson Lake was placed on Minnesota's 303(d) List of Impaired Waters in 2014 for aquatic recreation due to excess nutrients (phosphorus).

Lake Details

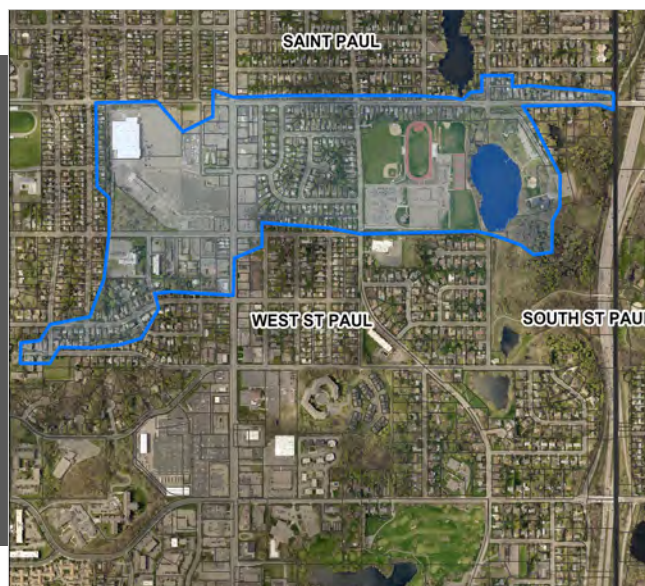
Max Depth: 8 feet

Watershed Size (shown): 180 acres

Major Watershed: Mississippi River

MPCA Lake Classification: Shallow

Met Council 2020 Lake Grade: X+-



Water Quality Monitoring Need

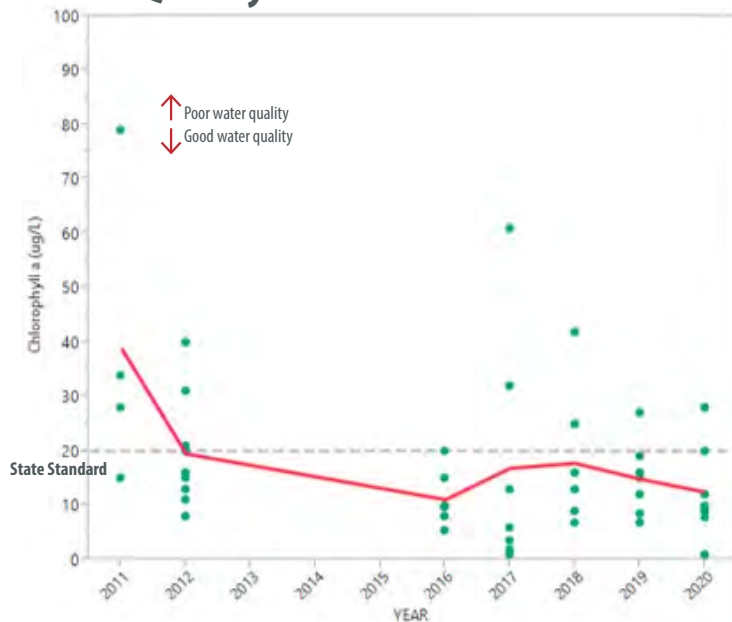
Thompson Lake is monitored on an annual basis as part of the LMRWMO's participation in the Met. Council's Citizen Assisted Monitoring Program (CAMP) volunteer lake water monitoring program. The Lake is the center of the highly used and valued Dakota County Thompson Lake Regional Park. Currently, the lake does not meet the shallow lake water quality criteria set forth by the Minnesota Pollution Control Agency (MPCA).

2020 Monitoring Summary

In 2018 and 2019, the LMRWMO led the installation of a comprehensive "treatment train" stormwater improvement project. This included installation of two underground sediment capture chambers, a stormwater settling treatment pond, a stormwater treatment wetland, and raingarden. Post project installation, slight improvements in chlorophyll and phosphorous levels have been observed in 2019 and 2020 with secchi depth relatively unchanged. The below table shows the 2020 data.

Eutrophication Parameters	MPCA Standard	Minimum	Maximum	Average
Chlorophyll-a (ug/L)	20	1	79	18
Total Phosphorus (ug/L)	60	35	159	67
Secchi Depth (m)	1	0.7	3.1	1.36

Water Quality Data 2011-2020



Chlorophyll-a*

Chlorophyll-a is the pigment that gives plants their green color. High levels indicate excessive algae from high nutrient levels in the lake. Low chlorophyll-a levels indicate good water quality.

Watershed Projects

The LMRWMO partnered with Dakota County and the City of West St. Paul on the 2018-2019 installation of stormwater projects at Thompson Lake (shown below). These projects are expected to provide long term, incremental water quality improvements which will be tracked with continued water monitoring.

Additional opportunities for stormwater treatment and infiltration of stormwater in the watershed of Thompson Lake should be sought out and implemented.



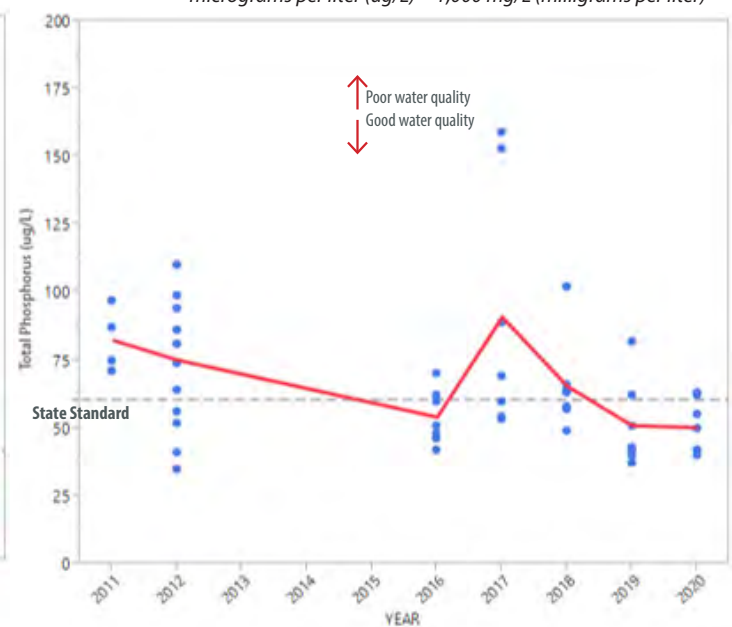
How can you get involved?

You don't have to live on a lake to help protect water quality, **anyone can be part of the solution!** Landscaping with native plants or installing a raingarden **increases water infiltration**, decreases lawn maintenance, and reduces pollution runoff. The LMRWMO has partnered with the Dakota County Soil and Water Conservation District to offer grants to residents who install a native garden, raingarden, or shoreline restoration as part of their **Landscaping for Clean Water** program.

Additional Information:

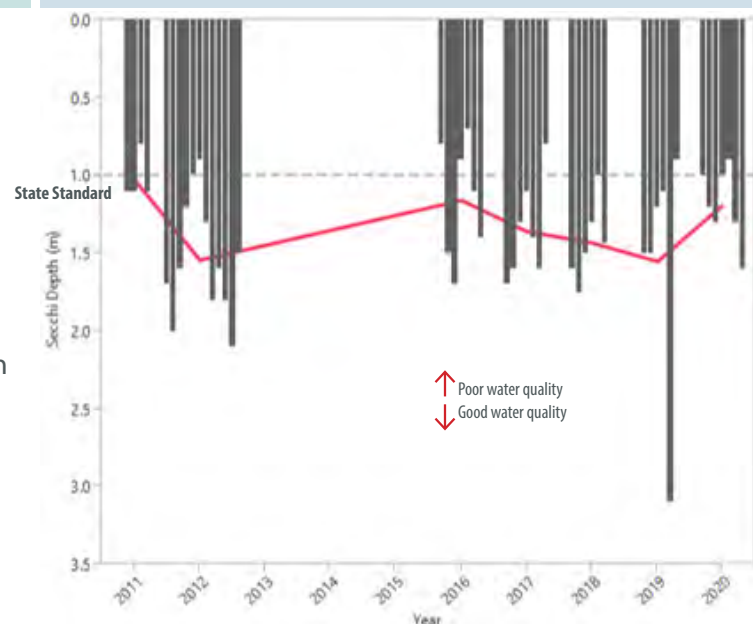
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*micrograms per liter (ug/L) = 1,000 mg/L (milligrams per liter)



Phosphorus*

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Secchi Depth

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Lake Augusta

Citizen Assisted Monitoring Program (CAMP)

2020 Water Monitoring Report



Lake Summary

Lake Augusta is located in the City of Mendota Heights, within the Lower Mississippi River Watershed Management Organization (LMRWMO). Land use within the watershed is primarily institutional (cemetery), commercial, and residential (low and high density). Lake Augusta was placed on Minnesota's 303(d) List of Impaired Waters in 2010 for aquatic recreation due to excess nutrients (phosphorus).

Lake Details

Max Depth: 33 feet

Watershed Size (shown): 420 acres

Major Watershed: Minnesota River

MPCA Lake Classification: Deep

Met Council 2020 Lake Grade: X+-



Water Quality Monitoring Need

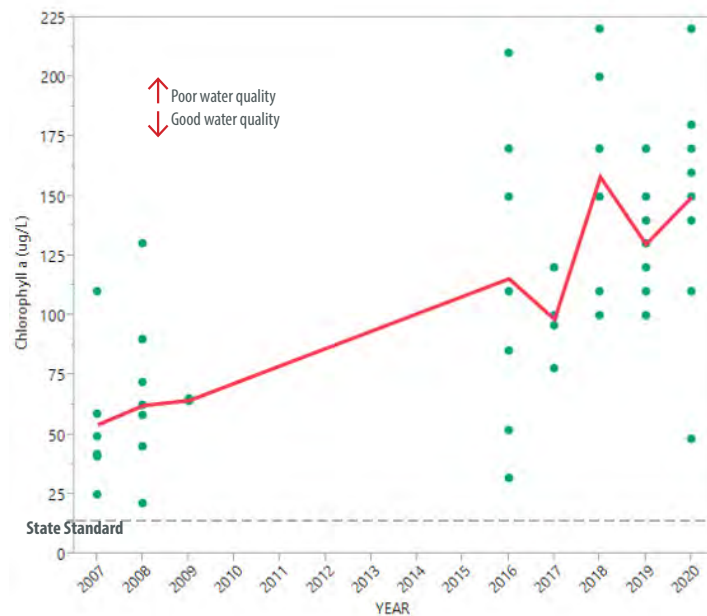
Lake Augusta is monitored on an annual basis as part of the LMRWMO's participation in the Met. Council's Citizen Assisted Monitoring Program (CAMP) volunteer lake water monitoring program. The lake continues to not meet the deep lake water quality criteria set forth by the Minnesota Pollution Control Agency (MPCA). Further study of the lake is needed to understand the poor water quality causes. The LMRWMO will undertake an intensive study in 2021-2023 to identify long term action items to improve lake water quality.

2020 Monitoring Summary

Following an aluminum sulfate (alum) treatment in 2017, there were improvements for all three eutrophication parameters compared to data collected in 2016 (pre-treatment). Monitoring data from 2020 showed little to no change across the three parameters in comparison to data collected in previous years. The below table shows the 2020 data.

Eutrophication Parameters	MPCA Standard	Minimum	Maximum	Average
Chlorophyll-a (ug/L)	14	21	220	112
Total Phosphorus (ug/L)	40	69	510	147
Secchi Depth (m)	1.4	0.1	0.5	0.25

Water Quality Data 2007-2020



Chlorophyll-a*

Chlorophyll-a is the pigment that gives plants their green color. High levels indicate excessive algae from high nutrient levels in the lake. Low chlorophyll-a levels indicate good water quality.

Watershed Projects

Recent studies conducted by the LMRWMO identified internal phosphorus from the lake bottom as the primary source of phosphorus in Lake Augusta.

In 2017, the LMRWMO implemented an in-lake aluminum sulfate (alum) treatment to improve water quality. Upon application, the alum binds with phosphorus as aluminum phosphate and settles to the lake bottom. It is believed that long term high water levels impacted the effectiveness of the alum treatment.



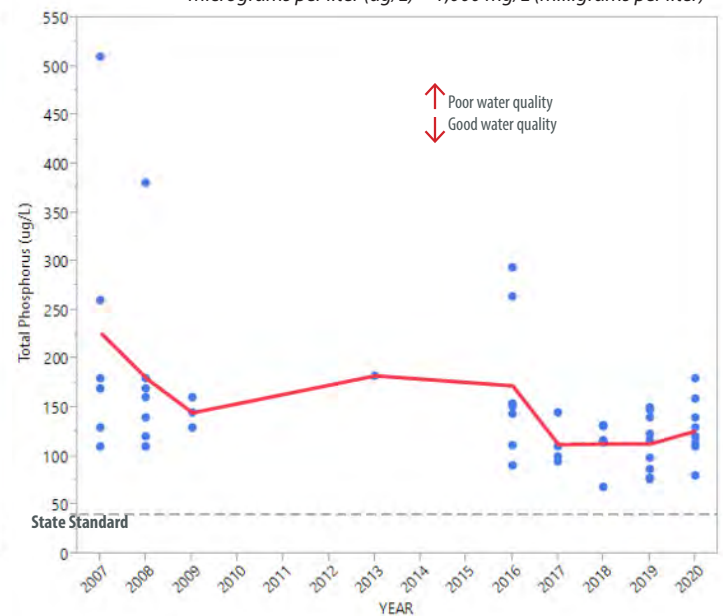
How can you get involved?

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Additional Information:

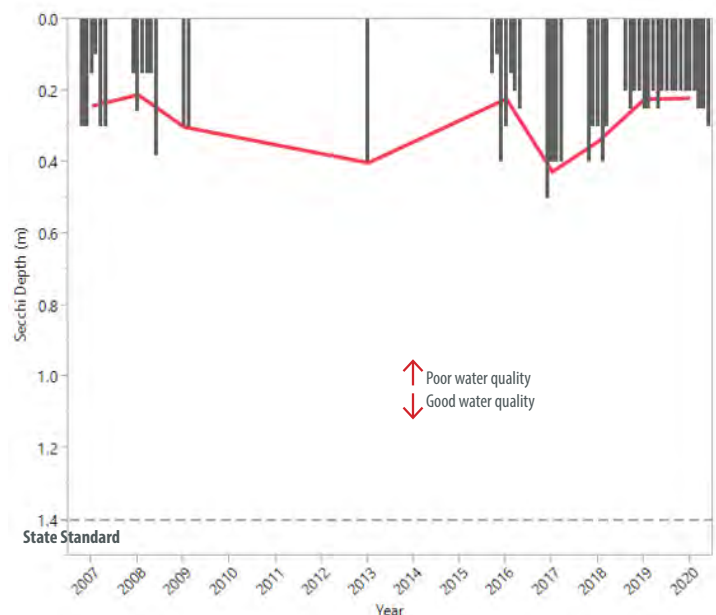
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Secchi Depth

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Phase	Memo Section	Task description	stakeholder engagement						2020												2021												2022												
			managers	TAC	CAC	cities	agencies	public	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	
Phase I	2.5, 2.6	recruit and meet with TAC and CAC	X	X	X																																								
	2.2	implement stakeholder survey	X		X																																								
	2.1	distribute plan update notification and summarize responses	X			X	X																																						
	2.7	engage community through events and interviews	X		X	X		X																																					
	NA	Board visioning workshop	X																																										
	2.4	city officials event (boat tour)	X			X																																							
	2.4 (revised)	city officials event (watershed tour) - designed to obtain feedback	X			X																																							
	2.3	host initial planning meeting	X	X	X	X	X	X																																					
	2.8 (new)	Topic presentations to Board of Managers	X			X																																							
	2.9 (new)	Develop LMRWMO outreach template and communication pieces						X																																					
	NA	aggregate data and update inventory	X			X	X																																						

Current Tasks:

- Ongoing online survey
- Developing Land & Water Resources Inventory
- Informational presentations to Board

Upcoming Tasks:

- Formalize CAC/TAC
- Plan public kickoff meeting
- Develop outreach template