

REGULAR MEETING AGENDA

February 16, 2023 • 6:00 p.m.

The meeting packet can be found on the Commission's website:

<http://pioneersarahcreek.org/pages/Meetings/>

1. Call to Order.
 - a. Approve Agenda.*
2. Consent Agenda.
 - a. January meeting minutes.*
 - b. February Claims/Treasurer's Report.*
3. Open forum.
4. Action Items.
 - a. Election of Officers.
 - b. Annual Appointments – Official Newspaper, Official Depositories, Deputy Treasurer, Auditor.
 - c. ~~2022-18 Windsong Golf Club Expansion, Independence.**~~
 - c. 2022-10 Pioneer Highlands, Medina.*
 - d. 2022 Work Plan in Review.*
 - e. Cooperative Agreement with TRPD for Lake Sarah Sediment Coring.*
5. Old Business.
 - a. North Fork Crow 2021 WBIF Progress Report.*
 - b. South Fork Crow 2021 WBIF Progress Report.*
 - c. Comments on Minor Plan Amendment.*
6. New Business.
 - a. 2023 Work Plan.
8. Education.
 - a. No Salt Low Salt Minnesota.*
 - 1) Low Salt No Salt Campaign.*
 - 2) Star Tribune Article.*
 - 3) Limited Liability Legislation.*
7. Staff Reports.
 - a. Engineer's Report.*
 - b. HCEE Report.*
 - c. TRPD Report.
 - a. Monitoring Report Cards.*
8. Commissioner Reports.
9. Other Business.
10. Adjournment. (Next scheduled meeting: March 16, 2023).

Z:\Pioneer-SarahCreek\Meetings\Meetings 2023\1 agenda.docx

Pioneer-Sarah Creek Watershed
Cash Disbursements Journal
For the Period From Feb 1, 2023 to Feb 28, 2023

Filter Criteria includes: Report order is by Vendor Name. Report is printed in Detail Format.

Date	Check #	Account ID	Line Description	Debit Amount	Credit Amount
2/2/23	ACH	51300	Fidelity Bond	257.00	
		10100	Auto-Owners Insurance Company		257.00
2/16/23		51200	Legal General	217.00	
		10100	Campbell Knutson		217.00
2/16/23		58210	Hearing Notice - 4th Gen Plan	361.90	
		10100	ECM Publishers, Inc.		361.90
2/16/23		50100	Project Review 22-01 Bushwood Hills Reserve	105.00	
		50100	Project Review 22-19 Sam's Landscaping	420.00	
		50100	Project Review 22-20 Crimson Woods	210.00	
		50100	Project Review 22-21 Centerpoint Adam's Pest Control TH 55	210.00	
		50100	General Engineering	340.00	
		10100	Hakanson Anderson Associates, Inc.		1,285.00
2/16/23		51100	Administration	1,068.58	
		51100	Meeting related	920.68	
		51100	Bookkeeping	306.71	
		58210	Management Plan	88.60	
		51400	Website	150.50	
		10100	Judie Anderson's Secretarial Service		2,535.07
Total				4,655.97	4,655.97

00004103

MN INSURANCE GROUP INC
15250 WAYZATA BLVD STE 103
WAYZATA MN 55391-1423
INVOICE



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www.auto-owners.com

Please contact your agent with questions at:
(952) 930-3661

Billing Account Information	
Statement Date	01-12-2023
Account Number	011357772
Payment Plan	Full Pay
Due Date	02-01-2023

PIONEER SARAH CREEK WATERSHED
MANAGEMENT COMMISSION
3235 FERNBROOK LN N
PLYMOUTH MN 55447-5325

Summary of Billing Account Activity					
Previous Balance	Payments	Policy Activity	Fees	Total	Minimum Due
\$257.00	\$257.00	\$257.00	\$0.00	\$257.00	\$257.00

fold and detach here

5008380

06-0540-00

Auto-Owners
INSURANCE

PIONEER SARAH CREEK WATERSHED
MANAGEMENT COMMISSION
3235 FERNBROOK LN N
PLYMOUTH MN 55447-5325

Billing Account Information	
Account Number	011357772
Due Date	02-01-2023
Total	\$257.00
Minimum Due	\$257.00

For updates to your billing address, mark Address Change below
and fill out the back of this stub.

____Address Change

Please make checks payable to:

AUTO-OWNERS INSURANCE
PO BOX 740312
CINCINNATI, OH 45274-0312



2000001135777200000000000000000002570000000257003

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

Pioneer-Sarah Creek Watershed Mgmt. Commission
c/o Ms. Judie A. Anderson
3235 Fernbrook Lane
Plymouth MN 55447

Page: 1
January 31, 2023
Account # 1478G

SUMMARY STATEMENT

PREVIOUS BALANCE	FEES	EXPENSES	CREDITS	PAYMENTS	BALANCE
1478-0000 RE: GENERAL MATTERS					
SERVICES RENDERED TO DATE:					
31.00	217.00	0.00	0.00	-31.00	<u>\$217.00</u>

Amounts due over 30 days will be subject to a finance charge of
.5% per month (or an annual rate of 6%). Minimum charge - 50 cents.

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

Pioneer-Sarah Creek Watershed Mgmt. Commission
c/o Ms. Judie A. Anderson
3235 Fernbrook Lane
Plymouth MN 55447

Page: 1
January 31, 2023
Account # 1478-0000G
162

RE: GENERAL MATTERS
SERVICES RENDERED TO DATE:

			HOURS	
01/11/2023	JJM	Review JPA and Stantec SWAT Modeling Agreement.	<u>1.40</u>	<u>217.00</u>
		AMOUNT DUE	1.40	217.00
		TOTAL CURRENT WORK		217.00
		PREVIOUS BALANCE		\$31.00
08/25/2022		Payment - thank you		-31.00
		TOTAL AMOUNT DUE		<u>\$217.00</u>

Amounts due over 30 days will be subject to a finance charge of
.5% per month (or an annual rate of 6%). Minimum charge - 50 cents.

INVOICE

Invoice Date

1/19/2023

Invoice Number	Ad Number
929280	1284738

Terms

60 days from Statement

Check Number	Amount Paid

PIONEER-SARAH CREEK WATERSHED COMM
JUDIE ANDERSON
3235 FERNBROOK LN.
MINNEAPOLIS, MN 55447

Account # 422748 \$361.90

ACCOUNT NUMBER	START DATE	STOP DATE	EDITION DATE	ACCOUNT REPRESENTATIVE
422748	01/12/23	01/19/23	1/19/2023	Osseo Legals 763-691-6001

Please return the upper portion with your payment. Or call 763-712-2494 with a credit card payment.

PUBLICATION	DATE	AD#	CLASS	DESCRIPTION/TAG LINE	TYPE	SIZE	QTY/ TIMES	AMOUNT
Crow River News	01/19/2023	1284738	150	Jan 19 PH Fourth Gen Mgmt PI	L	1.0 X 10.69	2	361.90

Net Amount	361.90
Shipping	0.00
Tax	0.00
Amount Due	361.90

929280

ECM
Publishers, Inc.

APG
ARABIA PUBLISHING GROUP, LLC

PIXELINK
CREATIVE GROUP
DESIGN • WRITING • PRODUCTION • DESIGN



\$30 charge assessed for returned checks.
Report errors within 5 days to ensure consideration.
Unpaid balances over 30 days past due will incur a 1.5% finance charge per month (Minimum .50 per month).

AFFIDAVIT OF PUBLICATION

STATE OF MINNESOTA) ss
COUNTY OF HENNEPIN

Debbie Schwalba being duly sworn on an oath, states or affirms that he/she is the Publisher's Designated Agent of the newspaper(s) known as:

Crow River News

with the known office of issue being located in the county of:

HENNEPIN


with additional circulation in the counties of:
WRIGHT

and has full knowledge of the facts stated below:

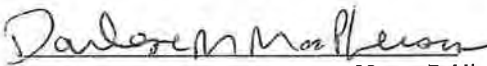
- (A) The newspaper has complied with all of the requirements constituting qualification as a qualified newspaper as provided by Minn. Stat. §331A.02.
- (B) This Public Notice was printed and published in said newspaper(s) once each week, for 2 successive week(s); the first insertion being on 01/12/2023 and the last insertion being on 01/19/2023.

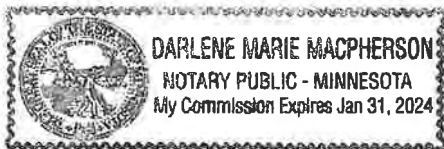
MORTGAGE FORECLOSURE NOTICES

Pursuant to Minnesota Stat. §580.033 relating to the publication of mortgage foreclosure notices: The newspaper complies with the conditions described in §580.033, subd. 1, clause (1) or (2). If the newspaper's known office of issue is located in a county adjoining the county where the mortgaged premises or some part of the mortgaged premises described in the notice are located, a substantial portion of the newspaper's circulation is in the latter county.

By: 
Designated Agent

Subscribed and sworn to or affirmed before me on 01/19/2023 by Debbie Schwalba.


Notary Public



Rate Information:

- (1) Lowest classified rate paid by commercial users for comparable space:
\$999.99 per column inch

Ad ID 1284738

PIONEER-SARAH CREEK WATERSHED MANAGEMENT COMMISSION LEGAL NOTICE NOTICE OF PUBLIC MEETING

TO WHOM IT MAY CONCERN:

Notice is hereby given that the Pioneer-Sarah Creek Watershed Management Commission will meet at Maple Plain City Hall, 5050 Independence Street, Maple Plain, MN, on Thursday, January 19, 2023, at 6:00 p.m., or as soon thereafter as the matter may be heard, for a public meeting on two proposed amendments to the Commission's *Fourth Generation Watershed Management Plan*. The Commission proposes:

- (A) To adopt revisions to Table F.1, of that document to add three projects and to revise Appendix F, to add descriptions of those projects. **Table F.1. Pioneer-Sarah Creek WMC Fourth Generation Plan Capital Improvement Program** is hereby revised to add the following:

Olson Manure Bunker, Medina, est. cost \$69,320, Comm. share in 2023 \$38,125.45.

Gully Stabilization 68, Independence, est. cost \$48,500, Comm share in 2023 \$4,850.

Budd Street Drainage, Maple Plain, est. cost \$20,000, Comm share in 2023 \$10,000.

Appendix F, CIP Descriptions cost is hereby revised:

Whaletail South Alum Treatment, Minnetrista, REVISED est. cost \$505,000, Comm share in 2023 \$101,250.

- (B) To adopt revisions to **Appendix C Rules and Standards** of that document to:

(1) make the rules consistent with the most recent Minnesota General Stormwater Permit;

Go to <http://www.pioneersarahcreek.org/project-reviews.html> to view the complete text of these proposed revisions.

The Pioneer-Sarah Creek watershed includes parts of the cities of Greenfield, Independence, Maple Plain, Medina, Loretto and Minnetrista.

Persons who desire to be heard with reference to the proposed amendment will be heard at this meeting. Written comments may be submitted to Joe Baker, Chair of the Pioneer-Sarah Creek Commission, c/o JASS, 3235 Fernbrook Lane, Plymouth, MN 55447, or emailed to amy@jass.biz. Auxiliary aids for persons with disabilities are available upon request at least seven days in advance. Please contact Amy Juntunen at 763-553-1144 to make arrangements.

/s/ Joe Baker, Chair

Pioneer-Sarah Creek Watershed Management Commission
By order of the Pioneer-Sarah Creek Watershed Management Commission

Published in the
Crow River News
January 12, 19, 2023
1284738

INVOICE SUMMARY FROM HAKANSON ANDERSON

PIONEER SARAH WATERSHED MANAGEMENT COMMISSION

INVOICES FOR DECEMBER 2022

Project ID & Description	Invoice Number	Invoice Date	Amount
PSC208 2022-01 BUSHWOOD HILLS RESERVE	50118	01/10/23	105.00
PSC217 2022-19 SAM'S LANDSCAPING	50119	01/10/23	420.00
PSC218 2022-20-CRIMSON WOODS	50120	01/10/23	210.00
PSC219 2022-021 CENTERPOINT ADAM'S PEST CONTROL TH 55	50121	01/10/23	210.00
PSC901-2022 GENERAL ENGINEERING FOR PIONEER SARAH WMC 2022	50122	01/10/23	340.00
			1,285.00



3601 Thurston Avenue
Suite 101
Anoka, MN 55303

Pioneer Sarah Watershed Management Commission
3235 Fernbrook Lane
Plymouth, MN 55447

Invoice number 50118
Date 01/10/2023

Project **PSC208 2022-01 BUSHWOOD HILLS
RESERVE**

Professional Services Provided Through 12/31/2022

2022-01 BUSHWOOD HILLS RESERVE

MUNICIPAL REVIEW

Professional Fees

	Date	Hours	Rate	Billed Amount
Andrew Vistad	12/20/2022	1.00	105.00	105.00
<i>DEVELOPER QUESTIONS REGARDING STORMWATER INSTALLTION DETAILS</i>				

PROFESSIONAL FEES SUBTOTAL 105.00

MUNICIPAL REVIEW SUBTOTAL 105.00

AMOUNT DUE THIS INVOICE 105.00

Invoice Summary	Current Billed	Prior Billed	Total Billed
Total	105.00	2,454.75	2,559.75



3601 Thurston Avenue
Suite 101
Anoka, MN 55303

Pioneer Sarah Watershed Management Commission
3235 Fernbrook Lane
Plymouth, MN 55447

Invoice number 50119
Date 01/10/2023

Project **PSC217 2022-19 SAM'S LANDSCAPING**

Professional Services Provided Through 12/31/2022

MUNICIPAL REVIEW

Professional Fees

	Date	Hours	Rate	Billed Amount
Andrew Vistad DEVELOPMENT REVIEW NO 2	12/19/2022	3.00	105.00	315.00
Andrew Vistad DEVELOPMENT REVIEW	12/22/2022	1.00	105.00	105.00
PROFESSIONAL FEES SUBTOTAL				420.00
MUNICIPAL REVIEW SUBTOTAL				420.00
AMOUNT DUE THIS INVOICE				420.00

Invoice Summary	Current Billed	Prior Billed	Total Billed
Total	420.00	1,312.50	1,732.50



3601 Thurston Avenue
Suite 101
Anoka, MN 55303

Pioneer Sarah Watershed Management Commission
3235 Fernbrook Lane
Plymouth, MN 55447

Invoice number 50120
Date 01/10/2023

Project **PSC218 2022-20-CRIMSON WOODS**

Professional Services Provided Through 12/31/2022

MUNICIPAL REVIEW

Professional Fees

	Date	Hours	Rate	Billed Amount
Andrew Vistad	12/05/2022	2.00	105.00	210.00
WETLAND CONCEPT REVIEW				
PROFESSIONAL FEES SUBTOTAL				210.00
MUNICIPAL REVIEW SUBTOTAL				210.00
AMOUNT DUE THIS INVOICE				210.00

Invoice Summary

	Current Billed	Prior Billed	Total Billed
Total	210.00	157.50	367.50



3601 Thurston Avenue
Suite 101
Anoka, MN 55303

Pioneer Sarah Watershed Management Commission
3235 Fernbrook Lane
Plymouth, MN 55447

Invoice number 50121
Date 01/10/2023

Project **PSC219 2022-021 CENTERPOINT
ADAM'S PEST CONTROL TH 55**

Professional Services Provided Through 12/31/2022

MUNICIPAL REVIEW

Professional Fees

Andrew Vistad
PLAN REVIEW

Date	Hours	Rate	Billed Amount
12/19/2022	2.00	105.00	210.00

PROFESSIONAL FEES SUBTOTAL 210.00

MUNICIPAL REVIEW SUBTOTAL 210.00

AMOUNT DUE THIS INVOICE 210.00

Invoice Summary

	Current Billed	Prior Billed	Total Billed
Total	210.00	0.00	210.00



3601 Thurston Avenue
Suite 101
Anoka, MN 55303

Pioneer Sarah Watershed Management Commission
3235 Fernbrook Lane
Plymouth, MN 55447

Invoice number 50122
Date 01/10/2023

Project **PSC901-2022 GENERAL ENGINEERING
FOR PIONEER SARAH WMC 2022**

Professional Services Provided Through 12/31/2022

GENERAL ENGINEERING

Professional Fees

	Date	Hours	Rate	Billed Amount
Andrew Vistad MONTHLY MEETING	12/15/2022	3.00	105.00	315.00
PROFESSIONAL FEES SUBTOTAL				315.00

Reimbursables

	Date	Units	Rate	Billed Amount
MILEAGE	12/15/2022	40.00	0.625	25.00
REIMBURSABLES SUBTOTAL				25.00
GENERAL ENGINEERING SUBTOTAL				340.00
AMOUNT DUE THIS INVOICE				340.00

Invoice Summary

	Current Billed	Prior Billed	Total Billed
Total	340.00	10,388.01	10,728.01



Pioneer-Sarah Creek Watershed Management Commission
3235 Fernbrook Lane Plymouth, MN 55447

3235 Fernbrook Lane
Plymouth MN 55447

February 10, 2023

				Total Project Area	
				Total Project Area	
General Administration					
Administrative		70.00	0.000		
Administrative	2.90	75.00	217.500		
Administrative - virtual		80.00	0.000		
Office Support	10.00	75.00	750.000		
Public storage	1.00	101.08	101.080		
Data Processing/File Mgmt		70.00	0.000		
Archiving		70.00	0.000		
Reimbursable Expense		1.00	0.000	1,068.580	Administration
Meeting packets, attendance, Minutes and Meeting follow-up					
Administrative		70.00	0.000		
Administrative	7.06	75.00	529.500		
Admin - offsite	2.50	80.00	200.000		
Reimbursable Expense	191.18	1.00	191.180	920.680	Meeting-related activities
Bookkeeping					
Bookkeeping		70.00	0.000		
Bookkeeping, budget, audit requests	2.41	75.00	180.750		
Treasurer's Reports	1.25	75.00	93.750		
Audit Prep		70.00	0.000		
Audit Prep		75.00	0.000		
Reimbursable Expense	32.21	1.00	32.210	306.710	Bookkeeping/TRs
Management Plan and Amendments					
Administrative		80.00	-		
Administrative	1.00	75.00	75.00		
Administrative - Virtual	0.17	80.00	13.60		
Reimbursable Expense		1.00	0.00	88.60	Management Plan
4th Generation Plan - TAC					
Secretarial		70.00	0.00		
Administrative		75.00	0.00		
Offsite		80.00	0.00		
Reimbursable Expense		1.00	0.00	0.000	Third Gen TAC
Website					
Weebly hosting - 1 year	119.00	1.00	119.000		
Pages, links, uploads	0.42	75.00	31.500		
Administrative		75.00	0.000	150.500	Website
				2,535.070	2,535.070

**LAKE SARAH SEDIMENT CORE ANALYSIS
WATER RESOURCES MANAGEMENT PROJECT
COOPERATIVE AGREEMENT**

BETWEEN

Three Rivers Park District

AND

Pioneer-Sarah Creek Watershed Management Commission

1. BACKGROUND

This is a Cooperative Agreement that defines the responsibilities and cost-share contributions of each party for the Lake Sarah Sediment Core Analysis project. Lake Sarah was identified for impairment of aquatic recreation and placed on the Minnesota Pollution Control Agencies impaired water's list for excessive nutrients in 2006. A Lake Sarah Nutrient Total Maximum Daily Load (TMDL) was completed and approved by the Minnesota Pollution Control Agency (MPCA) and Environmental Protection Agency (EPA) in 2011. The TMDL identified internal loading as a significant source of the total loading affecting the surface water quality of the lake. At the time the TMDL was completed, internal loading was estimated based on changes in hypolimnetic phosphorus concentrations near the bottom of the lake. Since the completion of the TMDL, measuring phosphorus release and phosphorus fractionation analysis from sediment cores has become a more reliable and accurate method for estimation internal loading. This project proposes to collect sediment cores for Lake Sarah to better estimate internal loading as part of a future TMDL review. The sediment core analysis would also be used to develop an alum dosage for a future treatment on Lake Sarah. The parties enter into this Agreement to better facilitate the water quality improvements through the development and implementation of best management practices. The scope of work and cost-share contributions are identified for each party in the Agreement.

2. PARTIES

Pioneer-Sarah Creek Watershed Management Commission (hereinafter referred to as "the Commission") and the Three Rivers Park District (hereinafter referred to as the "the Park District"), both being governmental units of the State of Minnesota, and acting through their respective governing bodies, hereby enter into this Joint Powers Agreement ("agreement"). The Commission and the Park District from time to time may be referred to hereinafter as "the parties."

3. AUTHORITY

The parties enter into this Agreement pursuant to Minn. Stat. § 471.59, regarding joint exercise of powers which allows two or more governmental units, by agreement entered into through action of their governing bodies, to jointly or cooperatively exercise any power common to the

contracting parties or any similar powers, including those which are the same except for the territorial limits within which they may be exercised.

4. DUTIES OF THE PARK DISTRICT

In recognition of the staff resources and capabilities of the Park District, the Park District will be responsible for:

- I. Completion of the following tasks for the Lake Sarah Sediment Coring Project.
 - A. The Park District will collect sediment cores from 3 locations for each of the western and eastern basins of Lake Sarah (a total of 6 sediment core sites). Cores collected from each basin will consist of two locations representing deeper areas of the lake with one location representing a shallow area of the lake.
 - B. The Park District will analyze sediment samples within their certified laboratory.
 - i. Anaerobic diffusive phosphorus flux will be measured at the 2 deep basin stations located in the east and west basins of Lake Sarah.
 - ii. Anaerobic and Aerobic diffusive phosphorus flux will be measured at the 1 shallow station located in the east and west basins of Lake Sarah.
 - iii. Sediment cores will be sectioned at 2-cm intervals down to 10-cm for analysis of physical-textural characteristics and mobile phosphorus fractions.
 - C. The Park District will evaluate sediment core analysis data to better estimate internal loading impacts affecting the surface water quality of Lake Sarah.
 - D. The Park District will determine the alum dosage as the concentration (g/m^2) required to sequester biologically-labile phosphorus for the control of internal loading in Lake Sarah.
 - E. The Park District will determine the maximum allowable dosage of alum to maintain pH above 6.0. This dosage will be compared to the alum dosage calculated to sequester biologically-labile phosphorus for the determination whether a buffered alum (aluminum sulfate – sodium aluminate) will be needed to maintain pH above 6.0.
- II. Performance Criteria – The Park District shall ensure that collection of data will follow Standard Operating Procedures and QA/QC measures as approved by the Minnesota Pollution Control Agency. All laboratory analysis and QA/AC measures will follow Standard Methods for the Examination of Water and Wastewater 23rd Edition (2017).
- III. Report – The Park District will submit a draft report summarizing the sediment core laboratory analysis data for the Commission's Technical Advisory Committee to review and provide comments. A final report will be developed incorporating review comments and submitted to the Commission for final approval.

- IV. The Park District will request reimbursement not-to-exceed \$12,000 for the sediment core analysis. Any additional costs for extended workload after the “not-to-exceed” limit must be approved by both parties and set forth in a written amendment to this Agreement. An invoice will be provided to the Commission at the end of the project detailing the cost of services.

5. DUTIES OF THE PIONEER-SARAH CREEK WATERSHED MANAGEMENT COMMISSION

In recognition of the staff resources and capabilities of the Commission, the Commission will be responsible for:

- I. Review of Draft Report
The Commission Technical Advisory Committee shall review and provide comments on the draft report submitted by the Park District. The Commission shall review, provide comments, and approve the Lake Sarah sediment core analysis final report.
- II. Approval of Final Report
The Commission’s Technical Advisory Committee shall recommend approval of the Final Report that incorporated changes and comments as part of the review process by the Commission.
- III. Financial Responsibility
The Commission shall be responsible for reimbursing the Park District for direct expenses necessary to complete the Lake Sarah Sediment Core Study. The reimbursement to the Park District shall not exceed \$12,000. Any additional costs after the “not-to-exceed” limit must be approved by both parties and set forth in a written amendment to this agreement.

6. AMENDMENT

Any amendment to this Agreement must be in writing and approved by the Commission and the Park District. The parties shall have full power to amend this agreement to add or delete items from the scope of this agreement upon such terms as are agreed to between the parties.

7. TERMINATION

This Agreement will terminate upon review and acceptance of the completed Lake Sarah Sediment Core Analysis Study. Notwithstanding, either party may terminate this Agreement for any reason by providing 30 days written notice to the other party. In the event of termination, the Commission will pay pro rata for that portion of the work tasks completed in accordance with Section 5 of this service agreement.

IN WITNESS WHEREOF, the parties have caused this cooperative contract agreement executed and effective as of the date of signature of the last party to the agreement.

**PIONEER-SARAH CREEK WATERSHED
MANAGEMENT COMMISSION**

Dated: _____

Joe Baker, Chair

Amy Juntunen, Executive Secretary

THREE RIVERS PARK DISTRICT

Dated: _____

Jami Markle, Director of Natural Resources

Brian Vlach, Senior Manager of Natural Resources



Pioneer Highlands **Medina, Project #2022-010**

Project Overview: Pioneer Highlands is a 4 lot 67.00-acre residential development. The residential property is located within the City of Medina. The existing site is predominantly row crops with some vegetation located onsite in wetlands. The site is divided hydrologically into two parts with the northern portion draining north east into the Elm Creek Watershed. The southern portion of the site contains a closed wetland basin that ultimately drains into lake Spurzem. Current development plans do not depict any permeant stormwater management. Stormwater is proposed to be treated by providing additional wetland buffer. The Commission's management plan requires compliance for Stormwater Management (Rule D), Erosion Control (Rule E), and Buffer Strips (Rule I).

Applicant: Harry Schleeter - Onyx Investment, 1585 Medina Road, Medina, MN 55356. Phone: 612-860-0817. Email: beccarwash@msn.com

Agent/Engineer: Rose Lorsung, 565 North Greenleaf Drive, Egan, MN 55123 Phone: 952-457-7641. Email: rose@recreateluxuryhomes.com

Exhibits:

- 1) PSCWMC Request for Plan Review received July 13, 2022
- 2) Project review fees for project, \$3,900.00
- 3) Civil Plans, dated September 12, 2022
- 4) Drainage Summary, dated July 2, 2022
- 5) Wetland Delineation, dated September, 2018

Findings:

- 1) A complete application was received July 13, 2022. Comments on the initial application were provided August 8th. Updated plans were received on September 27th. The initial 60-day decision period expires on September 12, 2022. The decision is extended an additional 60 days to November 11.
- 2) The applicant proposes to divide a 67.00-acre parcel into 4 rural type residential lots.
- 3) The City of Medina is the LGU in charge of administering the 1991 Wetland Conservation Act on this site.
 - o No wetland impacts are proposed as part of this development

Stormwater Management (Rule D):

- 4) Stormwater from the proposed development is split north and south and will flow into separate watersheds. The northern portion of the site drains generally to the north east into Rush Creek South Fork which is located within the Elm Creek Watershed. The southern portion of the site drains into a closed wetland that is located on the southern portion of the property. This wetland would ultimately flow to the west into an unnamed creek and into Lake Spurzem.
- 5) Stormwater abstraction is proposed to be handled by providing additional buffer. 104,600 square feet of additional wetland buffer is being established to provide the abstraction volume for 1.03 Acres (44,867 sq. ft.). A wet pond has been provided to treat the water quality volume that is generated from the new impervious surfacing. The plans have been resubmitted to include an infiltration basin south of the private drive with a reduction in additional wetland buffer provided. The pond is sized to provide 7,500 cu ft of treatment accounting for 0.89 acres of impervious surfacing. The changes resulted in additional water quality benefits for stormwater leaving the site.

Drainage area to the North	2-yr (cfs)	10-yr (cfs)	100-yr (cfs)
Pre-Development Rates	26.01	45.04	86.88
Post-Development Rates	14.03	26.50	80.25

Drainage area to the Closed Basin	2-yr (cfs)	10-yr (cfs)	100-yr (cfs)
Pre-Development Rates	142.8	270.55	565.4
Post-Development Rates	128.0	252.1	554.3

Water Quality Calculations	Total Phosphorus (TP lb/yr)	Total Suspended Solids (TSS lb/yr)
Pre-Development Rates	2.33	769
Post-Development Rates	0.911	52.7

Erosion and Sediment Controls (Rule E):

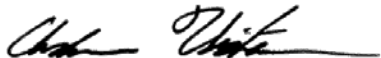
- 6) Land disturbing activities of greater than 1 acre, either individual or part of a larger common plan, require a SWPPP and are required to apply for a NPDES/SDS construction permit. The proposed development will cause more than 1 acre of disturbance a SWPPP narrative has been prepared.

Buffer Strips (Rule I):

- 7) The minimum 25 foot buffers have been provided. To meet the abstraction requirements additional 190,200 square feet of buffer is being provided around onsite wetlands. The northern wetland an additional 80 foot buffer is being provided. The southern wetland has an additional 20 feet being provided.
- 8) A buffer establishment plan has been provided.

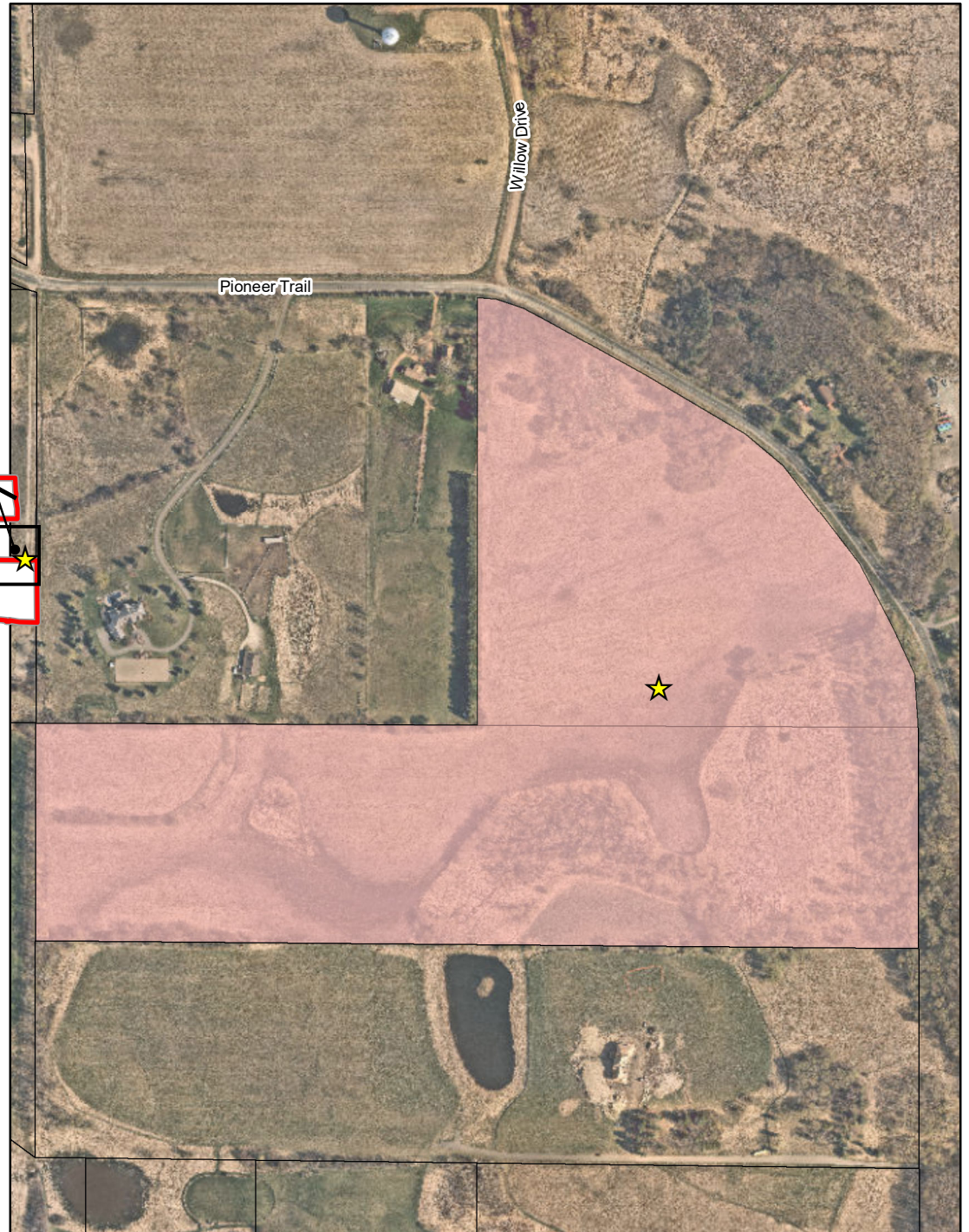
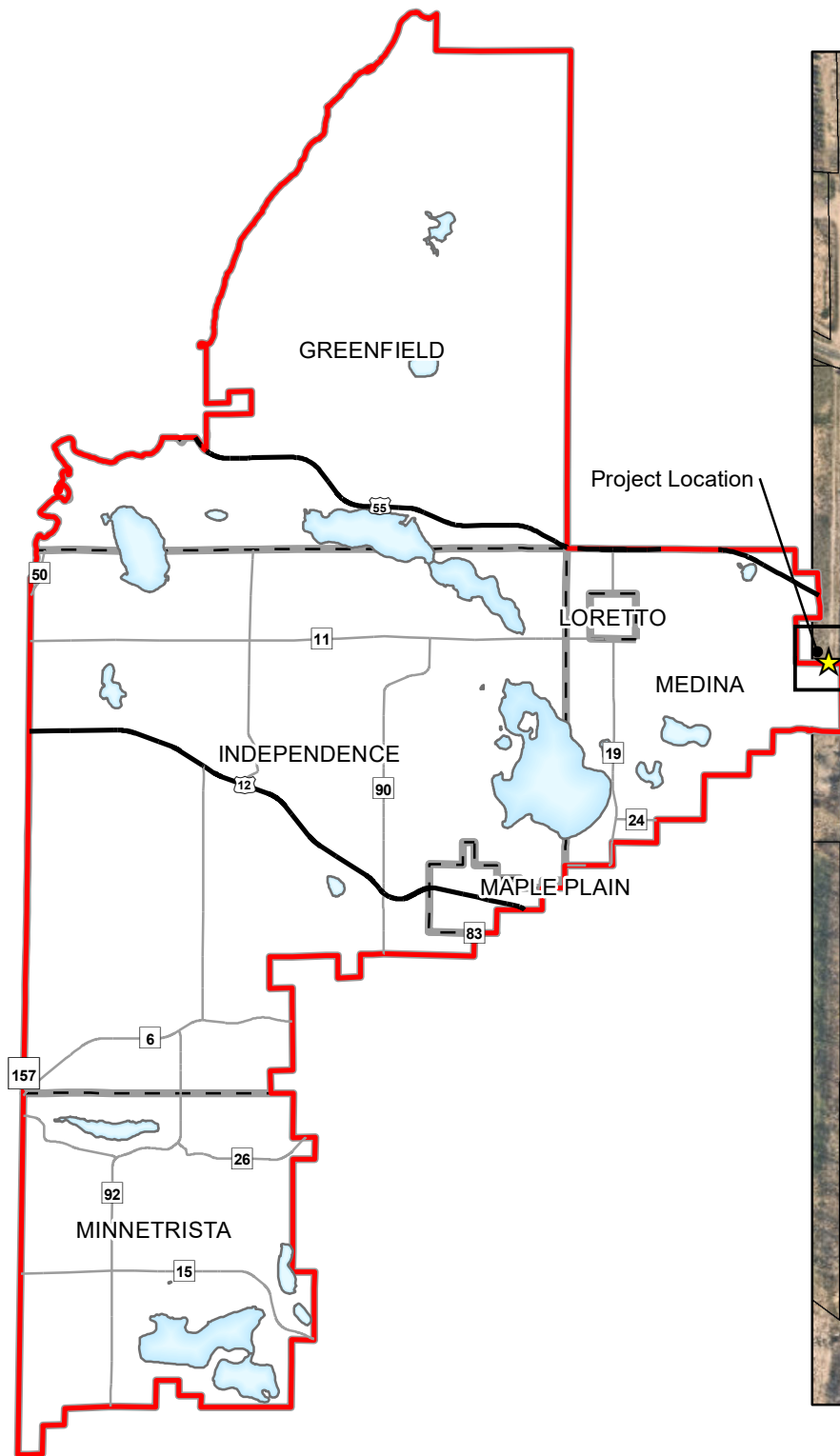
Recommendation: Approval.

Advisor to the Commission

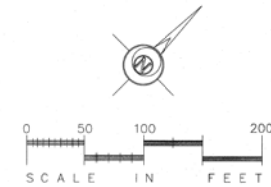




Andrew Vistad, PE

February 13, 2023
Date



GRONBERG & ASSOCIATES, INC.
CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS
445 NORTH WILLOW DRIVE LONG LAKE, MN 55356
952-473-4141

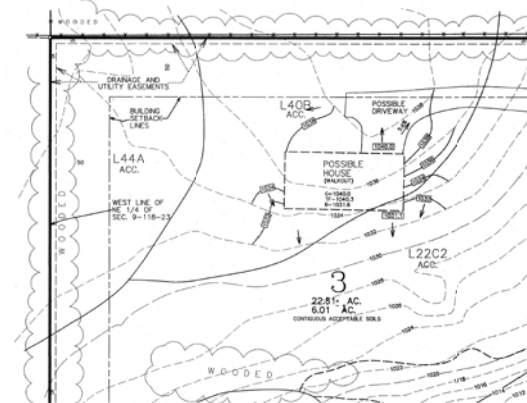


 : denotes proposed silt fence
 : proposed rock construction entrance
 : wetland buffer monument



NOTES

- a. The City shall not be responsible for any additional costs incurred that are associated with variations in the utility as-built elevations. All utility connections shall be verified in the field.
- b. The City, or agents of the City, are not responsible for errors and omissions on the submitted plans. The Owner and Engineer of Record are fully responsible for changes or modifications required during construction to meet the City's standards.



LOT 3 POSSIBLE HOUSE DETAIL
1" = 50' SCALE

DATE	REVISIONS
8-1-79	INITIAL REVISION
8-15-79	8-29-79
8-19-79	REVISION PER DIT COMMENTS
8-19-79	
9-10-79	
10-1-79	
11-2-79	
11-29-79	
8-3-83	