



January 12, 2017

Representatives
Pioneer-Sarah Creek Watershed
Management Commission
Hennepin County, Minnesota

*The meeting packet for this meeting
may be found on the Commission's website:
<http://pioneersarahcreek.org/pages/Meetings/>*

Dear Representatives:

A regular meeting of the Pioneer-Sarah Creek Watershed Management Commission will be held Thursday, January 19, 2017, at 6:00 p.m., at the Discovery Center, 5050 Independence Street, Maple Plain, MN.

A light supper will be served. **RSVPs are requested** so that the appropriate amount of food is available. At the time of your response, please let us know if you will be eating supper with us.

In order to ensure a quorum for this meeting, please telephone 763.553.1144 or email Kerstin at kerstin@jass.biz to indicate if you or your Alternate will be attending. It is your responsibility to ascertain that your community will be represented at this meeting.

Regards,

Judie A. Anderson
Administrator
JAA:tim

cc: Alternates

Jim Kujawa, HCES

Joel Jamnik, Attorney

Rich Brasch, TRPD

City Clerks

Met Council

official newspapers

Diane Spector, Wenck Associates

MPCA

BWSR

DNR

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REGULAR MEETING AGENDA

January 19, 2017 • 6:00 pm

Maple Plain City Hall @ The Discovery Center
5050 Independence Street, Maple Plain

*The meeting packet can be found on the Commission's website:
<http://pioneersarahcreek.org/pages/Meetings/>*

1. Approve Agenda.*
2. Consent Agenda.
 - a. November regular meeting minutes.*
 - b. Monthly Claims/Treasurers Report.*
3. Action Items.
4. Open Forum.
5. Old Business.
6. New Business.
 - a. Annual Work Plan.
 - 1) 2016 in Review.*
 - b. Greenfield membership in PSC.*
 - c. Call for CIPs. Staff will contact cities and request revisions/additions to CIP for consideration at a March meeting of the TAC. (See CIP below.)
7. Staff Report.*
 - a. Facebook page.*
8. Education.
9. Communications.
 - a. Steinke Dairy Water Quality Improvement Project.*
 - b. USDA Regional Conservation Partnership Program.*
10. Commissioner Reports.
11. Other Business.
 - a. Commissioner appointments.
 - b. Annual Appointments.
 - c. Election of officers will occur at February meeting. Officers take their positions at March meeting.
 - d. Solicitation of interest proposals for technical, wetland, legal and administrative consultants was published in January 17 edition of State Register. Responses were requested by February 8, 2017.
12. Adjournment. (Next meeting-February 16, 2017.)

* Included in meeting packet.

Year	Project	Project Name	Est Cost	Est Comm Share	Actual Comm. Share	Notes
2014-2015	ME-1	Lake Ardmore infiltration basin	67,826	3,470.10		\$33,125 MPCA grant
	IN-1	Lake Sarah curlyleaf pondweed treatment	40,000	4,000	5,332.52	
	IN-2	Hydrologic restoration: HR 67	200,000	20,000		
		Hydrologic restoration: HR 68				
		Hydrologic restoration: HR 29				
		Hydrologic restoration: HR 33				
	ME-2	Lake Independence curlyleaf pondweed treatment	122,000	12,200		No request in 2015
2016	GR-3	Dance Hall Creek BMPs	200,000	10,000		
	GR-4	Feedlot improvements: Dance Hall Creek	35,000	1,750		
	GR-9	Buffer strips: Dance Hall Creek	35,000	1,750		
	GR-11	Control carp population: Lake Sarah	10,000	500		
	GR-11	Control carp population: other lakes	10,000	500		
	IN-3	Lake Sarah curlyleaf pondweed treatment	32,000	3,200		
	IN-4	Gully restorations: GS50 (design)	120,000	12,000		Study \$20,638; Comm share = \$5,159.50
	ME-4	Lake Ardmore neighborhood projects	80,000	8,000		
2017	IN-5	Lake Sarah curlyleaf pondweed treatment	26,000	2,600		
	IN-7	Raingardens in targeted areas	75,000	7,500		
	IN-9	Shoreline restoration – Sarah and Independence	125,000	12,500		
	GR-4	Feedlot improvements: Dance Hall Creek	35,000	1,750		
	GR-9	Buffer strips: Dance Hall Creek	35,000	1,750		
SPECIAL STUDIES						
2015	MP-4	Ravine study	3,000	300		
2015	ME-3	Lake Independence Subwatershed Assessment	15,000	1,500		
2018	GR-1	Subw Assess-Hafften, Schendel, Schwauppauff	20,000	1,000		
No Year Assigned						
	CIP-7	Lindgren Lane Pond	100,000	10,000		
	CIP-8	Koch's/Mill's Creek Inlet Ponds (now HR 97 and 29)	200,000	20,000		
	CIP-11	Manure Management Cost-Share Projects	250,000	25,000		
	LO-1	Chippewa Road Drainage	21,000	2,100		
	LO-2	Creekview Road Drainage	21,000	2,100		
	LO-3	Retention Pond mapping and cleanup	10,000	1,000		
	LO-4	Ditch Cleaning at Ballpark	10,000	1,000		
	LO-5	Sediment Pond Cleanout	25,000	2,500		
	LO-6	Sediment Pond Cleanout	80,000	8,000		
	MP-1	Drainageway Cleaning –E of Budd	55,000	5,500		
	MP-2	Rock checks, Main St Ravine	23,700	2,370		
	MP-3	Washout, Main St Ravine	8,000	800		
	MP-5	North Ravine Cleanup	286,000	28,600		

* In meeting packet. ** Available at meeting.



Pioneer-Sarah Creek Watershed Management Commission

ADMINISTRATIVE OFFICE: 3235 Fernbrook Lane N • Plymouth, MN 55447
 763.553.1144 • Fax: 763.553.9326 • judie@jass.biz • www.pioneersarahcreek.org

Project	Project Name	Total Cost	Comm Share	2014	2015	2016	2017
ME-1	Lake Ardmore infiltration basin	30,000	3,000	3,000			
IN-1	Lake Sarah curlyleaf pondweed treatment	40,000	4,000		4,000		
IN-2	Hydrologic restoration: HR 67	200,000	20,000		20,000		
	Hydrologic restoration: HR 68						
	Hydrologic restoration: HR 29						
	Hydrologic restoration: HR 33						
ME-2	Lake Independence curlyleaf pondweed treatment	122,000	12,200		12,200		
GR-3	Dance Hall Creek BMPs	200,000	10,000			10,000	
GR-4	Feedlot improvements: Dance Hall Creek	35,000	1,750			1,750	
GR-9	Buffer strips: Dance Hall Creek	35,000	1,750			1,750	
GR-11	Control carp population: Lake Sarah	10,000	500			500	
GR-11	Control carp population: other lakes	10,000	500			500	
IN-3	Lake Sarah curlyleaf pondweed treatment	32,000	3,200			3,200	
IN-4	Gully restorations: GS50 (design)	120,000	12,000			5,160	
ME-4	Lake Ardmore neighborhood projects	80,000	8,000			8,000	
IN-5	Lake Sarah curlyleaf pondweed treatment	26,000	2,600				2,600
IN-7	Raingardens in targeted areas	75,000	7,500				7,500
IN-9	Shoreline restoration – Sarah and Independence	125,000	12,500				12,500
GR-4	Feedlot improvements: Dance Hall Creek	35,000	1,750				1,750
GR-9	Buffer strips: Dance Hall Creek	35,000	1,750				1,750
MP-4	Ravine study	3,000	300				
ME-3	Lake Independence Subwatershed Assessment	15,000	1,500				
GR-1	Subw Assess-Hafften, Schendel, Schwauppau	20,000	1,000				
CIP-7	Lindgren Lane Pond	100,000	10,000				
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MP-1	Drainageway Cleaning –E of Budd	55,000	5,500				
MP-2	Rock checks, Main St Ravine	23,700	2,370				
MP-3	Washout, Main St Ravine	8,000	800				
MP-5	North Ravine Cleanup	286,000	28,600				
				3,000	36,200	30,860	26,100

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763.553.1144 • Fax: 763.553.9326 • judie@jass.biz • www.pioneersarahcreek.org

**REGULAR MEETING MINUTES
November 17, 2016
Corrected**

1. CALL TO ORDER. A regular meeting of the Pioneer-Sarah Creek Watershed Management Commission was called to order at 6:00 p.m., Thursday, November 17, 2016, by Chair Mike DeLuca at Maple Plain City Hall, 5050 Independence Street, Maple Plain, MN.

Present: Tom Cook, Greenfield; Joe Baker, Independence; Cari Girk, Loretto; Mike DeLuca, Maple Plain; Pat Wulff, Medina; James Kujawa and Kirsten Barta, Hennepin County Environment and Energy (HCEE); Rich Brasch, Three Rivers Park District (TRPD); and Judie Anderson and Amy Juntunen, JASS.

Also present: Scott Johnson, Medina; and Dominic Broda, Maple Plain.

2. AGENDA.* Motion by Cook, second by Wulff to approve the agenda as presented. *Motion carried unanimously.*

3. CONSENT AGENDA. Motion by Cook, second by Girk to approve the consent agenda. *Motion carried unanimously.*

a. October 20, 2016 Meeting Minutes.* Approved with the following corrections: Change text item 11.c. ~~...just above Ardmore. ...in Independence.~~ And item 11.e. ~~...unintentional errors. ...unintended consequences.~~

b. Monthly Claims/Treasurer's Report.* Monthly claims total \$17,286.13.

c. Commission Rules Revisions – final.*

4. ACTION ITEMS.

a. Approve 2017 Cooperative Agreement with HCEE.* The agreement language has not changed from the previous year and the agreement amount is in-line with the 2017 budget. Motion by Cook, second by Baker to approve the 2017 Cooperative Agreement with HCEE. *Motion carried unanimously.*

b. Cancel December 15, 2016 Commission meeting. There is no urgent business expected in December requiring Commissioner attention. Motion by Cook, second by Baker to cancel the December regular Commission meeting. *Motion carried unanimously.*

5. OPEN FORUM.

6. OLD BUSINESS.

Third Community Conversation Recap.* Only positive feedback was received from the participants other than one expression of wasteful spending regarding the pie and coffee, an expense paid by MPCA. The presentations were very well received. This completes the community conversation obligations required by the WRAPS agreement with MPCA.

7. NEW BUSINESS.

8. STAFF REPORT.*

a. Staff will send links to upcoming grants to city administrators.

b. WaterShed Partners has initiated a **social media campaign** and is providing articles, photos, and other social media content to partners. These links are tailored to track click-throughs from each partner post.

c. The **WRAPS draft report** has been submitted to MPCA for informal review and comments have been received. Both the TMDL and WRAPS reports will be ready for informal review by the TAC and Commissions in December. These will be posted to the website, allowing six weeks for review due to the holidays.

d. The **initial buffer assessment** has been completed via aerial photos. Some landowners require a site visit to ensure compliance and some landowners are currently non-compliant with the new buffer laws. HCEE will mail letters to these landowners in early December and is hoping to complete some fieldwork before any major snows. Permission from the landowner is required for site visits. An initial deadline of mid-January has been set to complete the initial review and provide results to BWSR. There are 22 non-compliant properties and 35 properties where compliance is questionable from the photos. Summary data of the assessment will be provided in the next Staff Report. Properties that remain non-compliant after November 1, 2017 will be investigated by BWSR and monetary penalties may be assessed to those properties. The Commission is not responsible for enforcement of the buffer laws.

9. EDUCATION.

Commissioners requested staff to create a short document detailing the pros and cons of maintaining a **Commission Facebook page**, including costs and links to other watershed Facebook pages.

10. COMMUNICATIONS.

Applications are available for the **USDA Conservation Stewardship Program**.* This program is for working farms to receive financial incentives for implementing conservation strategies.

11. COMMISSIONER REPORTS.

a. **Cook** reported that the new concrete pillars at the Lake Sarah public landing were installed at high water and are now above the lake's surface. Greenfield will contact the DNR to correct the issue and to advocate for re-installation of the old planks at deeper levels to prevent washout from power loading. Two council members and the Mayor ran unopposed so there were no changes to the Greenfield council after the election. The City continues to investigate other options for watershed management.

b. **DeLuca** noted that there are two new council members on the Maple Plain city council. Broda, council member-elect is in attendance. Julie Maas-Kusske was elected Mayor which will leave a vacancy on the Council when she takes office.

c. **Baker** attended the recent Lake Sarah Improvement Association (LSIA) meeting. The association has a new president. Other topics included improvements to the landing. A variance will be needed to re-install the old planks. LSIA members were pleased with improvements to water clarity and volunteers were named to monitor for invasive species, including invasive vegetation. The ownership of the property west of the Selstad property is still being investigated. Independence had no elections in 2016.

d. **Wulff** reported no change in the Medina city council. The city completed fall street sweeping and runs a leaf and brush mulching operation, for which citizens are thankful. The Lake Independence Citizens Association (LICA) is focusing on educating members on the effects of leaf and lawn waste on the lake and efforts to keep that yard waste out of the lake. The lake is still above the slow/no wake level, though the outlet at Pagenkopf is flowing well.

e. **Girk** recapped the Loretto election results. Melissa Markham and Brian Sevigny replaced Cari Girk and Henry Pepin on the council.

12. OTHER BUSINESS.

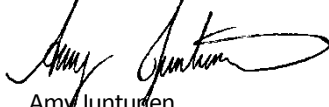
a. **2017 Commissioner Appointments.** Commission rules state that officers must be elected at the February meeting and take office March 1. Cities must make Commission appointments in January to meet this schedule. All Commissioners are requested to be in attendance at the January and February meetings.

b. Commissioners are requested to remind their city councils to **review CIP projects** and submit applications for new projects and revisions to costs and/or timelines of listed projects for 2017/2018.

c. The **next meeting** is scheduled for January 19, 2017.

13. **ADJOURNMENT.** There being no further business, motion by Girk, second by Cook to adjourn. *Motion carried unanimously.* The meeting was adjourned at 6:40 p.m.

Respectfully submitted,



Amy Juntunen
Recording Secretary
AAJ:tim

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Pioneer-Sarah Creek Watershed
Income Statement
Compared with Budget
For the Twelve Months Ending December 31, 2016

Item 2b

	Current Month Actual	Year to Date Actual	Annual Budget	Year to Date Variance
Revenues				
Member Dues	\$ 0.00	\$ 103,090.00	\$ 103,090.00	0.00
Project Review Fees	0.00	6,230.00	1,000.00	5,230.00
WCA Adm Fees	0.00	1,550.00	500.00	1,050.00
Interest and Dividend Income	59.23	389.89	20.00	369.89
Total Revenues	59.23	111,259.89	104,610.00	6,649.89
Operating Expenses				
Engineering/Consulting	0.00	9,834.71	23,000.00	13,165.29
Administrative Expense	5,147.46	29,562.91	41,000.00	11,437.09
Adm-Project Reviews	9.75	504.07	1,000.00	495.93
WCA - Admin/Legal Expenses	33.35	267.43	500.00	232.57
Adm - Tech Support	96.86	219.77	750.00	530.23
Legal Expense	0.00	362.50	500.00	137.50
Audit Expense	0.00	4,000.00	4,040.00	40.00
Insurance	(1,959.00)	1,283.00	3,370.00	2,087.00
Total Operating Expenses	3,328.42	46,034.39	74,160.00	28,125.61
Program Deliverables and Education				
Adm - General Programs	0.00	0.00	500.00	500.00
TAC Meetings	0.00	0.00	3,060.00	3,060.00
Lakes Monitoring - TRPD	3,700.00	3,700.00	4,430.00	730.00
Lakes Monitoring - CAMP	550.00	550.00	1,120.00	570.00
Stream Monitoring	6,120.00	6,120.00	8,900.00	2,780.00
Education	179.70	674.44	6,120.00	5,445.56
Education-Events	0.00	0.00	500.00	500.00
Invertebrate Monitoring	0.00	0.00	1,500.00	1,500.00
Grant Writing	0.00	0.00	1,020.00	1,020.00
Website	78.10	1,810.25	2,240.00	429.75
Total Deliverables and Education	10,627.80	12,854.69	29,390.00	16,535.31
Fund Expenses*				
		ON BALANCE SHEET		
WRAPP Income	0.00	36,249.45		36,249.45
WRAPP Expense	8,861.60	44,532.65		44,532.65
Total WRAPP Expense	8,861.60	8,283.20		8,283.20
Capital Improvement Project				
CIP Income	0.00	28,000.00		28,000.00
CIP Baker Ravine	5,182.90	5,204.65		5,204.65
CIP-Ardmore SWA	0.00	218.25		218.25
CIP Lake Sarah CLP Income	0.00	5,751.23		5,751.23
CIP Lake Sarah CLP Expense	14,737.53	14,737.53		14,737.53
Total CIP Lake Sarah Expense	14,737.53	8,986.30		8,986.30
Total CIP (Income) for year	19,920.43	(13,590.80)		(13,590.80)
Total Fund Expenses (Income)	28,782.03	(5,307.60)		(5,307.60)
Total Expenses	42,738.25	58,889.08	103,550.00	44,660.92
Net Income	(\$ 42,679.02)	\$ 52,370.81	\$ 1,060.00	51,310.81

Pioneer-Sarah Creek Watershed
Balance Sheet
December 31, 2016

Item 2b

ASSETS

Current Assets		
Cash-4M Fund	\$	242,637.68
Total Assets	\$	242,637.68

LIABILITIES AND CAPITAL

Current Liabilities		
Accounts Payable	\$	9,838.83
Total Current Liabilities		9,838.83
Capital		
WCA Replacement Guarantee		6,850.00
WCA Monitoring Guarantee		6,816.44
WCA Administrative Guarantee		696.78
WRAPP Encumbered		2,983.56
Retained Surplus		107,850.09
CIP Fund		55,231.17
Net Income		52,370.81
Total Capital		232,798.85
Total Liabilities & Capital	\$	242,637.68

Annual Activity	
WRAPP Encumbered Balance 1/1/16	11,266.76
2016 Income	36,249.45
2016 Expense	44,532.65
WRAPP Encumbered Balance 12/31/16	2,983.56

CIP Fund Balance 1/1/16	41,640.37
2016 Income	28,000.00
2016 Expense	14,409.20
CIP Fund Balance 12/31/16	55,231.17

**Pioneer-Sarah Creek Watershed
Cash Disbursements Journal
For the Period From Jan 1, 2017 to Jan 31, 2017**

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

Date	Check #	Account ID	Line Description	Debit Amount	Credit Amount
1/13/17	1450	21000	Invoice: 2016-1 TRPD Baker Campground Ravine Feasibility Study Cost Share	5,154.20	
		10100	Three Rivers Park District		5,154.20
1/13/17	1452	21000	Invoice: 2016 Met Council CAMP 2016	550.00	
		10100	Metropolitan Council		550.00
1/13/17	1453	21000	Invoice: 2016 JASS Administration Meetings Bookkeeping Annual Report Education Baker Ravine Techincal Support Judie Anderson's Secretarial Service	4,134.63 1,921.19 950.45 321.85 477.50 179.70 181.97 28.70 73.27	
		10100			4,134.63
Total				9,838.83	9,838.83

INVOICE

Item 2b

Receipt # 10055680
Invoice Date: 12/14/2016
Invoice #: 52765
Household #: 126572
Home Phone: (763)000-0000



PIONEER-SARAH CK WMC
JUDIE ANDERSON EXEC SECRETARY
3235 FERNBROOK LN
PLYMOUTH MN 55447

Three Rivers Park District
Administrative Center
3000 Xenium Lane North
Plymouth MN 55441-2661
Phone: (763)559-9000
www.threeriversparks.org

POS Transaction Details

Misc:	WQM-Other Serv Chrg, 128899	<u>Fees + Tax</u>	<u>Discount</u>	<u>Prev Paid</u>	<u>Cur Paid</u>	<u>Amount Due</u>
Quantity:	1	5,154.20	0.00	0.00	0.00	5,154.20
Date:	12/15/2016					
Family Member:						
Sale Comments:	Billing for cost share for Baker Campground Ravine Feasibility Study per 2016 Cooperative Water Resources Joint Powers agreement.					

TOTAL INVOICED FEES	5,154.20
TOTAL INVOICED DISCOUNTS	0.00
TOTAL SALES TAX ON FEES	0.00
PREVIOUS AMOUNT PAID AGAINST FEES	0.00
PREVIOUS AMOUNT PAID AGAINST TAX	0.00
CURRENT INVOICE AMOUNT DUE	5,154.20
CURRENT OVERALL HOUSEHOLD BALANCE	23,514.20

PAYMENT IS DUE UPON RECEIPT. Please detach the payment stub at the dotted line and remit it with your payment. Make checks payable to THREE RIVERS PARK DISTRICT and write your Household (account) number on your check. If you are claiming tax exempt status, please include a copy of your tax exempt certificate or taxes cannot be removed from your account balance.

Thank you for your prompt attention to this invoice, we appreciate your patronage.



3000 Xenium Lane North
Plymouth, MN 55441-1299

INVOICE
December 15, 2016

Pioneer-Sarah Creek Watershed Mgmt Commission
Attn: Judie Anderson
Executive Secretary
3235 Fernbrook Lane
Plymouth, MN 55447

Pioneer-Sarah Creek Watershed Commission
Cost-share for Baker Campground Ravine Feasibility Study (as per 2016
Cooperative Water Resources Project Joint Powers Agreement between
Three Rivers Parks District, City of Independence, City of Medina, and
Pioneer-Sarah Creek Watershed Management Commission)

Household #126572

Total Project Cost	\$20,616.79
25% Cost-Share for PSCWMC	\$5,154.20
TOTAL INVOICED AMOUNT	\$5,154.20

Please include a copy of invoice with your payment.
Thank you.



INVOICE

Invoice No:
Invoice Date:
Page:

0001062023
12/15/16
1 of 1

Please Remit To:

Metropolitan Council
Environmental Services
PO Box 856513
Minneapolis MN 55485-6513
United States

Customer Number:

7195

Payment Terms:

Due 30 dys

Due Date:

1/14/17

Bill To:

PIONEER-SARAH WATERSHED MGMT COMMISSION
JUDIE ANDERSON
c/o Jass Inc
3234 Fernbrook Ln
Plymouth MN 55447
United States

AMOUNT DUE:

\$ 550.00 USD

 Amount Remitted

For account questions: metcar@metc.state.mn.us

Line	Identifier	Description	Quantity	UOM	Unit Amt	Original
						Net Amount
1	CAMP	Citizen-Assist-Monitor-Prj	1.00	EA	550.00	550.00

Subtotal:

 550.00

Contract: 16R019

Quantity of lake sites: 1 at \$550.
2016 Citizen-Assisted Monitoring Program

For questions about this bill, please contact Brian Johnson at 651-602-8743 or Brian.Johnson@metc.state.mn.us.

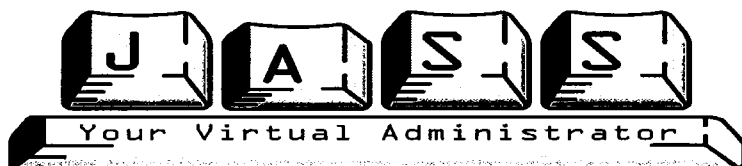
ANY UNPAID BALANCE OVER 30 DAYS FROM DATE OF INVOICE WILL BE SUBJECT TO A FINANCE CHARGE AT THE RATE OF 1.5% PER MONTH (18% PER YEAR)

PAYMENTS ACCEPTED VIA CHECK, CREDIT CARD, OR ACH/EFT

- > CHECK: use the remit address at the top of this invoice
- > CARD: visit <http://metcar.metc.state.mn.us/>
- > EFT/ACH: provide your EFT/Direct Deposit enrollment form to metcar@metc.state.mn.us

Amount Due:

\$ 550.00



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

3235 Fernbrook Lane
Plymouth MN 55447

January 12, 2017

Total Project Area

General Administration

Administrative	2.76	55.00	151.800		
Administrative	21.55	60.00	1,293.000		
Office Support	2.00	60.00	120.000		
Public storage	1.00	114.52	114.520		
Data Processing/File Mgmt	1.12	55.00	61.600		
Archiving	2.50	60.00	150.000		
Reimbursable Expense	30.27	1.00	30.270	1,921.190	Administration

Meeting packets, attendance, Minutes and Meeting follow-up

Administrative	8.08	55.00	444.400		
Administrative	8.10	60.00	486.000		
Admin - Offsite		65.00	0.000		
Reimbursable Expense	20.05	1.00	20.050	950.450	Meeting related activities

Bookkeeping

Bookkeeping		55.00	0.000		
Bookkeeping, budget, audit requests	4.75	60.00	285.000		
Treasurer's Reports	0.33	60.00	19.800		Bookkeeping/TRs
Audit Prep		50.00	0.000		
Reimbursable Expense	17.05	1.00	17.050	321.850	Audit Prep

Annual Report

Secretarial	3.50	55.00	192.500		
Administrative	4.50	60.00	270.000		
Reimbursable Expense	15.00	1.00	15.000	477.50	Annual Report

Education, Strategic Planning

Administrative		55.00	0.000		
Administrative	1.50	60.00	90.000		
Offsite	1.38	65.00	89.700		
Reimbursable Expense		1.00	0.000	179.700	Education

WRAPS

Secretarial		55.00	0.000		
Administrative	2.89	60.00	173.400		
Reimbursable Expense	8.57	1.00	8.570		
Reimbursable Expense - Comm Conversa		1.00	0.000	181.970	WRAPS

Baker Campground Ravine

Secretarial		50.00	0.000		
Administrative	0.22	60.00	13.200		
Reimbursable Expense	15.50	1.00	15.500	28.700	Baker Ravine

Technical Support - General

Secretarial		50.00	0.000		
Administrative	1.12	60.00	67.200		
Reimbursable Expense	6.07	1.00	6.070	73.270	Technical Support

4,134.630 4,134.630



January 19, 2017

To: Pioneer-Sarah Creek Commissioners

Fr: Judie Anderson

Re: 2016 Work Plan in Review

Minnesota Rule 8410.0150 requires the Commission to submit to the Board of Water and Soil Resources a financial report, activity report and audit report for the preceding fiscal year. It includes an assessment of the previous year's annual work plan and a projected work plan for the next year.

Since publication of the 2015 Work Plan, the Commission has adopted its Third Generation Watershed Management Plan. The Plan identifies priorities and goals for the years 2015-2020. They are:

1. *Educate the Commissioners and member City Councils and Planning Commissions about watershed and water resources management.*
2. *Undertake a monitoring program to monitor water quality trends and to track progress toward meeting TMDLs.*
3. *Partner with member cities and other parties to conduct subwatershed assessments and other studies to identify feasible and cost-effective Best Management Practices to protect and improve water quality.*

Following is a summary of the work undertaken by the Pioneer-Sarah Creek Watershed Management Commission in 2016 to meet the goals, objectives, and projected work plan outlined in its *2015 Annual Report*. The 2016 Work Plan was approved by the Commission at its February 18, 2016 meeting.

2016 WORK PLAN

A. ONGOING TECHNICAL AND ADMINISTRATIVE PROGRAMS

- ☒ 1. Continue to review local development/redevelopment plans for conformance with the standards outlined in the Commission's Third Generation Watershed Management Plan. ***The Commission reviewed eight plans for conformance with its standards in 2016.***
- a. Maintain the current flood profile of the creeks and their tributaries.
 - ☐ b. Develop a whole-watershed sustainable water budget.
 - c. Maintain the post-development 2-year, 10-year, and 100-year peak rate of runoff at pre-development level for the critical duration precipitation event.
 - d. Maintain the post-development annual runoff volume at pre-development volume.
 - e. Prevent the loss of floodplain storage below the established 100-year elevation.
- ☒ 2. Continue to serve as the local government unit (LGU) for administering the Wetland Conservation Act (WCA) for the cities of Greenfield, Loretto and Maple Plain. Preserve the existing functions and values of wetlands within the watershed. Promote enhancement or restoration of wetlands in the watershed. ***Five projects were reviewed by the Commission serving as the LGU for WCA during 2016.***
- ☒ 3 Adopt a 2017 operating budget. ***The Commission adopted an operating budget totaling \$139,241 on May 19, 2016. Assessments to the members totaled \$133,700.***

2016 Work Plan in Review
January 19, 2017
Page 2

- ☒ a. Search for grant and other funds to supplement the regular budget.
- ☒ b. Operate a capital improvement program and share in the cost of projects.
- ☒ c. Review and update the Commission's Cost Share Policy. *A Process to Bring Forward CIPs was formalized at the Commission's July 21, 2016 meeting.* The Commission will continue to work on development of a formal cost share policy.
- ☒ 4. Publish a 2015 Annual Activity Report summarizing the Commission's yearly activities and financial reporting. *The 2015 Annual Activity report was approved by the Commission at its April 21, 2016 meeting.*
- ☒ 5. Draft a 2016 Work Plan. *The 2016 Work Plan was approved by the Commission at its February 18, 2016 meeting.*

B. WATER QUALITY AND QUANTITY

- 1. Support the Commission's management goals for water quality. Continue to make progress to improve the lakes and streams in the watershed as well as protect those that are not impaired.
 - a. Improve water clarity in the impaired waters by 10% over the average of the previous ten years by 2023.
 - b. Maintain or improve water quality in the lakes and streams with no identified impairments.
- 2. Foster implementation of BMPs in the watershed through technical and financial assistance.
- ☒ 3. Develop and publish a model manure management ordinance or adopt standards and practices that will accomplish the objective of reducing phosphorus load from new livestock operations. *The Commission adopted a Livestock Management Policy at their October 20, 2016 meeting.*
- 4. Operate a monitoring program sufficient to characterize water quantity and quality and biotic integrity in the watershed and evaluate progress toward TMDL goals. Partner with Three Rivers Park District (TRPD) to conduct water quality monitoring in the watershed. Bring stream and lake monitoring efforts into line with the monitoring program outlined in the Third Generation Plan.
 - ☒ a. Partner with TRPD to conduct bi-weekly water quality monitoring of "sentinel lakes" – *Independence, Sarah, and both basins of Whaletail. The Commission monitored these three lakes in 2016.*
 - ☒ b. Partner with TRPD to monitor stream flow at three sites - *Pioneer Creek at Pagenkopf Road (below Lake Independence), Pioneer Creek at Copeland Road, and Sarah Creek at County Road 92 (below Lake Sarah). The Commission monitored these three sites in 2016. Consider adding bi-weekly or monthly monitoring of Peter Lake to clarify impaired status.*
 - ☒ c. Participate in Metropolitan Council's Citizen Assisted Monitoring Program (CAMP). *The Commission has budgeted for the monitoring of two lakes through CAMP in 2016. The Commission monitored Hafften Lake in 2016.*

C. EDUCATION

- ☐ 1. Annually evaluate the proposed Education and Outreach program and establish education and outreach activities for the coming year, including goals and strategies identified in the WRAPS study.

2016 Work Plan in Review
January 19, 2017
Page 3

- ☒ 2. Educate Commissioners, member City Councils and Planning Commissions about watershed and water resources management. Sponsor watershed and water resources training opportunities such as NEMO (Nonpoint Education for Municipal Officials).
- ☐ 3. Convene Citizen Advisory Committees as necessary to make recommendations on education and outreach actions and assist the Commission with implementation.
- ☐ 4. Participate with collaborative groups to pool resources to undertake activities in a cost-effective manner, promote interagency cooperation and collaboration, and promote consistency of messages.
 - ☒ a. Use the Commission's, member cities', and educational partners' websites and newsletters, social media, co-ops, local newspapers and cable TV to disseminate education materials to all stakeholders about actions they can take to protect and improve water quality.
 - ☒ b. Continue to maintain the Commission's website to provide news to residents of the watershed. *The Commission will update and freshen its website in 2016. The Commission updated the website to a new platform for easier updating and maintenance.*
- ☒ 5. Provide opportunities for the public to learn about and participate in water quality activities. Enhance education opportunities for youth. Provide opportunities for bridge-building between stakeholders. *The third Community Conversation in conjunction with the Pioneer-Sarah Creek Watershed-wide TMDL study and WRAPS report occurred on November 2, 2016. Thirty-three stakeholders were present.*
 - ☐ a. Promote river stewardship through the River Watch program. Encourage participation by local school students and their teachers. *The monitoring of two sites is included in the 2016 budget. _____ sites were monitored by students from _____ in 2016.*
 - ☐ b. Work in partnership with Hennepin County's agriculture specialist to help build relationships with the agricultural community in the watershed in order to encourage TMDL implementation.

D. STUDIES, PROJECTS AND CIPS.

- 1. Continue to undertake Phase 2 of the WRAPS project.
 - ☒ a. Hold the third Community Conversation. *Phase 2 extends to June 30, 2017 and is the final phase of the project. The third Community Conversation is scheduled for June 29, 2016. The third Conversation was rescheduled to November 2.*
 - ☐ a. Continue to identify TMDL implementation projects. Seek grant funding to assist with the costs associated with those projects.
- ☐ 2. Prioritize BMPs identified in the Dance Hall Creek Subwatershed Retrofit Assessment for implementation or further study. *The City of Greenfield contacted the adjacent property owners to solicit their participation in the projects identified in the SWA.*
- ☒ 3. Cost-share with the Lake Sarah Improvement Association (LSIA) to complete a round of curlyleaf pondweed treatment in 2016. *The fourth of five rounds of curlyleaf pondweed treatment was completed by volunteers on May 6, 2016.*
- ☐ 4. Seek grant funding to assist with the costs associated with projects identified on the Commission's CIP.

2016 Work Plan in Review
January 19, 2017
Page 4

☒ 5. Continue to support member cities as they identify studies and projects which benefit both the cities and the watershed. *Prepare a detailed study of Phase I of the Baker Park Gully Restoration Project (CIPs IN-4, MP-4) which will focus on BMPs that will help reduce, slow, or redirect stormwater flow from the subwatershed that feeds into the Baker Park Campground Ravine. Pursue implementation of the identified BMPs as opportunities arise. The Baker Park Reserve Campground Ravine and Subwatershed Assessment was completed in December 2016.*

☒ 6. Request from the member cities their local wellhead protection plans for use in determining vulnerable areas that should be exempted from infiltration. Develop and maintain a map showing the wellhead protection zones within the watershed boundaries. *Cities continue to provide Staff with their local protection plans as they are developed. When plans are received from all cities, the map will be developed.*

E. PLANNING

☐ 1. When requested, assist member cities to develop their local water plans. *Loretto submitted their Local Plan for Commission review in January 2017.*

☐ 2. Begin to budget for the expense of writing the Fourth Generation Plan, due in 2020. Development of the Plan should begin in late 2018.

City of Greenfield

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Greenfield, Minnesota 55373
763.477.6464/Fax: 763.477.4172
Email: cityhall@ci.greenfield.mn.us
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November 16, 2016

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

Dear Commission Members:

At the November 15, 2016 Council meeting, there was lengthy conversation relative to Greenfield's membership in Pioneer-Sarah Creek Watershed. As a result of this conversation, the City has decided to take a serious look into other options available as it pertains to watershed commission participation.

The primary reason for this exploratory action is due to the relative high expense it costs the City compared to what comparable size cities pay in other watersheds.

The City recognizes the unique nature of the Third Generation Plan approved by the Commission and supported by the City of Greenfield. We recognize that we are making progress on implementing water projects within the watershed and that those projects have been done at costs significantly less than the initial estimates. The City also recognizes and supports the process outlined in the Third Generation Plan which prioritizes that projects be initiated by the cities.

The City will continue to keep the Commission appraised on this subject.

Regards,



Bonnie Ritter
City Administrator

Elm Creek and Pioneer Sarah Combined Watersheds									
2017	2016 Taxable Market Value	2017 Budget %	2017 Budget \$	Option 1 Budget		Option 2 Budget			
				\$	Variance	Fixed	Variable	Total	Variance
Champlin	410,505,694	3.4%	8,458.23	12,073.12	3,614.89	20,000.00	3,874.05	23,874.05	15,415.82
Corcoran	709,731,668	5.9%	14,623.61	20,873.46	6,249.85	20,000.00	6,697.92	26,697.92	12,074.31
Dayton	501,487,424	4.2%	10,332.86	14,748.92	4,416.06	20,000.00	4,732.66	24,732.66	14,399.80
Maple Grove	5,651,956,239	47.0%	116,455.30	166,226.01	49,770.71	20,000.00	53,338.95	73,338.95	(43,116.35)
Medina	891,170,325	7.4%	18,362.05	26,209.63	7,847.58	20,000.00	8,410.20	28,410.20	10,048.15
Plymouth	905,845,273	7.5%	18,664.02	26,641.23	7,977.21	20,000.00	8,548.69	28,548.69	9,884.67
Rogers	1,592,062,304	13.2%	32,803.53	46,823.11	14,019.58	20,000.00	15,024.70	35,024.70	2,221.17
Greenfield	394,071,759	3.3%	38,929.51	11,589.79	(27,339.72)	20,000.00	3,718.96	23,718.96	(15,210.55)
Independence	510,583,968	4.2%	50,439.50	15,016.45	(35,423.05)	20,000.00	4,818.51	24,818.51	(25,620.99)
Loretto	54,109,610	0.5%	5,345.37	1,591.38	(3,753.99)	20,000.00	510.65	20,510.65	15,165.28
Maple Plain	105,529,093	0.9%	10,424.99	3,103.65	(7,321.34)	20,000.00	995.90	20,995.90	10,570.91
Medina	152,170,132	1.3%	15,032.56	4,475.38	(10,557.18)	-	1,436.07	1,436.07	(13,596.49)
Minnetrista	136,940,498	1.1%	13,528.06	4,027.47	(9,500.59)	20,000.00	1,292.34	21,292.34	7,764.28
Total	12,016,163,987	100.0%	353,399.59	353,399.59	-	240,000.00	113,399.59	353,399.59	-
				Net Medina	(2,709.60)	(3,548.34)			

Elm Creek and Pioneer Sarah combine into one watershed

No cost reductions are assumed; No Ad Valorem taxes included

Option 1 -- Budget is based on % of taxable value

Option 2 --each city pays a fixed fee of \$20,000 plus a % of variable costs based on taxable value

Pioneer Sarah											
2017	2016 Taxable Market Value	%	\$	Option 1 Budget				Option 2 Budget			
				Fixed	Variable	Total	Variance	Fixed	Variable	Total	Variance
Greenfield	394,071,759	29.1%	38,929.51	10,000.00	21,459.27	31,459.27	(7,470.24)	20,000.00	3,989.03	23,989.03	(14,940.48)
Independence	510,583,968	37.7%	50,439.50	10,000.00	27,803.97	37,803.97	(12,635.53)	20,000.00	5,168.44	25,168.44	(25,271.06)
Loretto	54,109,610	4.0%	5,345.37	10,000.00	2,946.55	12,946.55	7,601.18	20,000.00	547.73	20,547.73	15,202.36
Maple Plain	105,529,093	7.8%	10,424.99	10,000.00	5,746.61	15,746.61	5,321.62	20,000.00	1,068.23	21,068.23	10,643.24
Medina	152,170,132	11.2%	15,032.56	10,000.00	8,286.46	18,286.46	3,253.90	20,000.00	1,540.36	21,540.36	6,507.80
Minnetrista	136,940,498	10.1%	13,528.06	10,000.00	7,457.13	17,457.13	3,929.07	20,000.00	1,386.20	21,386.20	7,858.14
Total	1,353,405,060	100.0%	133,699.99	60,000.00	73,699.99	133,699.99	-	120,000.00	13,699.99	133,699.99	-

Pioneer Sarah stays independent

Option 1--each city pays a fixed fee of \$10,000 plus a % of variable costs based on taxable value

Option 2--each city pays a fixed fee of \$20,000 plus a % of variable costs based on taxable value

Elm Creek Watershed Management Commission - 2017 Operating Budget

	A	B	C	D	AD	AE	AF	AQ
3					2015 Budget	2015 Final	2016 Budget	2017 Budget
4	GENERAL OPERATING BUDGET							
5	Expenses							
6		Administrative			89,000	75,616	90,000	90,000
7		Watershed-wide TMDL Admin (Commission in-kind)			60,000	43,240	24,406	
8		Grant Writing			5,000	0	5,100	5,000
9		Website			5,000	2,569	6,000	6,000
10		Legal Services			2,000	464	2,000	2,000
11		Audit			5,000	4,500	5,000	5,000
12		Insurance			3,500	2,349	3,800	3,800
13		Contingency			1,000	0	2,000	2,000
14				Subtotal	170,500	128,738	138,306	113,800
15		Project Reviews						
16		Technical - HCES			77,500	88,509	105,500	98,000
17		Technical Support - Consultant			3,000	13,408	6,000	15,000
18		Admin Support			8,000	8,731	11,000	11,000
19					88,500	110,648	122,500	124,000
20		Wetland Conservation Act						
21		WCA Expense - HCES			12,500	11,889	12,500	12,000
22		WCA Expense - Legal			500	0	500	500
23		WCA Expense - Admin			2,000	917	2,000	2,000
24				Subtotal	15,000	12,806	15,000	14,500
25		Water Monitoring						
26		Stream Monitoring						
27		Stream Monitoring - USGS			21,700	19,750	23,500	24,177
29		Extensive Stream Monitoring			7,000	6,000	7,200	7,000
30		DO Longitudinal Survey					500	500
31		Gauging Station - Elec Bill			190	197	195	220
32		Rain Gauge Network			100	0	100	100
33		Lake Monitoring						
34		Lake Monitoring - CAMP			1,650	400	1,650	1,200
35		Lake Monitoring - TRPD			4,240	3,000		
36		Sentinel Lakes					3,100	2,470
37		Additional lake					600	618
38		Aquatic Vegetation Surveys					1,000	1,029
39		Source Assessment						2,000
40		Watershed-wide TMDL - Followup - TRPD, Admin						10,000
41		Wetland Monitoring - WHEP			4,000	4,000	4,000	4,000
42		Stream Health - SHEP			6,000	6,000	6,000	0
43				Subtotal	44,880	39,347	47,845	53,314
44		Education						
45		Education - City/Citizen Programs			5,500	917	6,000	4,000
47		WMWA General Admin			4,000	9,750	4,000	4,000
48		WMWA Implementa Activities incl Watershed PREP			6,000		6,000	6,000
50		Rain Garden Workshop/Intensive BMPs			3,000	1,700	3,000	2,000
51		Education Grants			3,000	1,000	3,000	2,000
52		Macroinvertebrate Monitoring-River Watch			6,000	6,000	6,000	6,000
53		Ag Specialist			2,000		2,000	
54				Subtotal	29,500	19,367	30,000	24,000
59		Management Plan						
60		Plan Amendments				9,165	5,000	5,000
61		Local Plan Review - due two years after Commission Plan adoption					3,000	2,000
62		Contribution to 4th Gen Plan - consider \$10,000/set-aside beginning 2020						
63				Subtotal	0	9,165	8,000	7,000

Elm Creek Watershed Management Commission - 2017 Operating Budget

	A	B	C	D	AD	AE	AF	AQ
3					2015 Budget	2015 Final	2016 Budget	2017 Budget
64				Special Projects				
66				Projects ineligible for ad valorem		2,608	50,000	50,000
68				Upper and South Metro Miss TMDL	2,000		1,000	0
70				Studies, Project Identification, Subwatershed Assessments	35,000	684	35,000	35,000
72				Subtotal	37,000	3,292	86,000	85,000
74								
75				Contingency	3,000	0	0	0
76				Subtotal	3,000	0	0	0
77				Total Operating Expense (lines 14,19,24,43,54,63,72,76)	388,380	323,363	447,651	421,614
78								
79				Revenue				
80				CIPs - Ad Valorem		131,570		
81				Project Review Fees	80,000	75,705	100,000	100,000
82				Water Monitoring - TRPD Co-op Agmt	5,500	6,000	6,000	6,500
84				WCA Fees	1,500	2,500	5,000	8,000
85				Forfeited/Reimbursed Sureties/Reimbursement from LGUs	3,000	1,485	1,500	0
86				Membership Dues	209,000	209,000	215,360	219,700
87				Watershed-wide TMDL		12,680		
88				Interest Income	100	83	80	100
89				Miscellaneous Income	0			
90								
91				From (To) Cash Reserves	0			
92				Total Operating Revenue (lines 80-91)	299,100	439,023	327,940	334,300
93				TOTAL GENERAL OPERATING BUDGET (lines 77, 92)	89,280	115,660	119,711	87,314
94								
95				Cash on hand, unencumbered		313,907	194,196	106,882
96								
97				ASSIGNED FUND BALANCES				
98				Capital Projects				
99				Revenue				
100				Ad Valorem Levy Funds	131,250	131,570	250,000	492,812
101				Expense				
102				Commission Cost Share	131,250		250,000	492,812
103				Administrative Expense		6,228	3,000	4,000
104				Total Capital Projects	0	125,342	3,000	4,000
105								
106				Third Generation Management Plan				
107				Member Assess - Contribution to Reserves				
108				Encumbered from General Fund				
109				Less Expenses				
110				Total Third Gen Plan	0	0		
112								
113				WCA - Beginning Accumulated				
114				WCA Activity - Current Year				
115				WCA - Year-End Accumulated	0	0		
116								
117				Assigned for capital improvement projects	combined	35,000		
118				Assigned for capital improvement projects, studies				
119				Less Expenses		684		
120				Total CIPs, Projects, Studies		34,316		
121								
131				Total Assigned Fund Balances (lines 104, 110, 115, 120)	0	159,658		
132								
133				TOTAL CASH ON HAND (lines 95, 131)	0	473,565		

Pioneer-Sarah Creek Watershed Management Commission - 2017 Budget

	2015 Budget	2015 Actual	2016 Budget	2017 Budget
Revenues				
Member Dues	106,720	106,760	103,090	105,700
Project Review Fees	1,000	11,650	1,000	5,000
WCA Adm Fees	500	400	500	500
Interest and Dividend Income	20	34	20	41
Total Revenues	108,240	118,844	104,610	111,241
Operating Expenses				
Engineering/Consulting	22,500	18,450	23,000	23,000
Administrative Expense	47,000	31,804	41,000	36,000
Adm-Project Reviews	700	618	1,000	1,000
WCA - Admin/Legal Expenses	400	247	500	500
Adm - Tech Support	1,000	60	750	750
Legal Expense	500	392	500	500
Audit	4,000	4,000	4,040	4,080
Insurance	3,300	2,147	3,370	3,370
Total Operating Expenses	79,400	57,718	74,160	69,200
Program Deliverables and Education				
Adm - General Programs	1,000		500	500
TAC Meetings	3,000		3,060	4,000
Lake Monitoring - TRPD	3,600	3,600	4,430	3,703
Lake Monitoring - CAMP	560		1,120	576
Stream Monitoring - routine	7,000	6,000	7,400	10,802
Stream Monitoring - other	0		1,500	
Invertebrate Monitoring	3,000	2,000	1,500	1,500
Non-CIP Subwatershed Assmt				5,000
Management Plan Amendment	1,000	159		1,000
Education	6,000	4,451	6,120	6,120
Education-Events	500		500	500
Grant Writing	1,000		1,020	1,100
Website	2,200	1,338	2,240	2,240
Contingency*		327		
Total Deliverables and Education	28,860	17,875	29,390	37,041
Fund Activity				
Revenues				
CIP Revenue	20,000	20,000	28,000	28,000
WRAPP Revenue		32,424		
Lake Sarah TMDL		5,778		
Lake Indep Nutrient - TRPD		145		
Total Fund Revenues	20,000	58,347	28,000	28,000
Expenses				
WRAPP Expense	20,000	33,845	0	0
CIP/Subwatershed Ass. Expense	0	4,328	28,000	33,000
Next Generation Plan		2,352		
Lake Sarah TMDL		5,778		
Lake Indep Nutrient - TRPD				
Total Fund Expenses	20,000	46,303	28,000	33,000
Total Revenues	128,240	177,191	132,610	139,241
Total Expenses	128,260	121,896	131,550	139,241
Net Income	(20)	55,295	1,060	0

*2015 Contingency funds spent on Lake Indep Outlet (weir)

6/27/2016 at 2:41 PM

**Elm Creek Watershed Management Commission
2017 Member Assessments**

2015	2014 Taxable Market Value	2015 Budget Share		Increase over Prev Year		
		%age	Dollars	%age	Dollars	
Champlin	365,574,074	4.03%	8,419.54	-11.93%	-1,141	
Corcoran	575,802,450	6.35%	13,261.31	-2.67%	-363	
Dayton	415,447,282	4.58%	9,568.17	2.35%	220	
Maple Grove	4,972,351,933	54.79%	114,518.23	3.58%	3,953	
Medina	711,145,751	7.84%	16,378.40	-0.10%	-17	
Plymouth	692,491,402	7.63%	15,948.77	14.88%	2,066	
Rogers	1,341,913,004	14.79%	30,905.60	4.33%	1,282	
Totals	9,074,725,896	100.00%	209,000.00	2.96%	6,000	
2016	2015 Taxable Market Value	2016 Budget Share		Increase over Prev Year		
		%age	Dollars	%age	Dollars	
Champlin	409,399,869	4.06%	8,741.51	3.82%	322	
Corcoran	679,629,691	6.74%	14,511.46	9.43%	1,250	
Dayton	467,103,289	4.63%	9,973.60	4.24%	405	
Maple Grove	5,431,286,657	53.85%	115,968.92	1.27%	1,451	
Medina	805,089,215	7.98%	17,190.28	4.96%	812	
Plymouth	817,567,896	8.11%	17,456.72	9.45%	1,508	
Rogers	1,476,090,709	14.63%	31,517.51	1.98%	612	
Totals	10,086,167,326	100.00%	215,360.00	3.04%	6,360	
2017	2016 Taxable Market Value	2017 Budget Share		Increase over Prev Year		
		%age	Dollars	%age	Dollars	
Champlin	410,505,694	3.85%	8,458.23	-3.24%	-283	
Corcoran	709,731,668	6.66%	14,623.61	0.77%	112	
Dayton	501,487,424	4.70%	10,332.86	3.60%	359	
Maple Grove	5,651,956,239	53.01%	116,455.30	0.42%	486	
Medina	891,170,325	8.36%	18,362.05	6.82%	1,172	
Plymouth	905,845,273	8.50%	18,664.42	6.92%	1,208	
Rogers	1,592,062,304	14.93%	32,803.53	4.08%	1,286	
Totals	10,662,758,927	100.00%	219,700.00	2.02%	4,340	

Pioneer-Sarah Creek Watershed Management Commission 2017 Member Assessments

	2014 Market Value PSC Basin	Increase in MV over Prev Year	2015 Op Budget		Increase over Prev Year	
2015 Approved			%age	Amount	%age	Amount
Greenfield	350,761,259	-3.90%	28.05%	35,550.86	-4.42%	(1,644.34)
Independence	480,214,274	0.60%	38.40%	48,671.37	0.05%	22.77
Loretto	48,868,030	5.67%	3.91%	4,952.94	5.10%	240.54
Maple Plain	97,240,148	6.84%	7.78%	9,855.62	6.28%	582.02
Medina	149,430,452	13.09%	11.95%	15,145.29	12.44%	1,675.89
Minnetrissa	124,158,610	-0.41%	9.93%	12,583.90	-0.92%	(116.90)
TOTALS	1,250,672,773	1.15%	100.00%	126,720.00	0.57%	759.98

	2015 Market Value PSC Basin	Increase in MV over Prev Year	2016 Op Budget		Increase over Prev Year	
2016 Approved			%age	Amount	%age	Amount
Greenfield	375,321,814	7.00%	28.60%	37,487.31	5.45%	1,936.45
Independence	505,056,579	5.17%	38.48%	50,445.28	3.64%	1,773.91
Loretto	51,330,890	5.04%	3.91%	5,126.95	3.51%	174.01
Maple Plain	98,027,603	0.81%	7.47%	9,791.04	-0.66%	(64.58)
Medina	148,264,028	-0.78%	11.30%	14,808.68	-2.22%	(336.61)
Minnetrissa	134,468,208	8.30%	10.25%	13,430.74	6.73%	846.84
TOTALS	1,312,469,122	4.94%	100.00%	131,090.00	3.45%	4,370.00

	2016 Market Value PSC Basin	Increase in MV over Prev Year	2017 Op Budget		Increase over Prev Year	
2017 Approved			%age	Amount	%age	Amount
Greenfield	394,071,759	5.00%	29.12%	38,929.51	3.85%	1,442.20
Independence	510,583,968	1.09%	37.73%	50,439.50	-0.01%	(5.77)
Loretto	54,109,610	5.41%	4.00%	5,345.37	4.26%	218.42
Maple Plain	105,529,093	7.65%	7.80%	10,424.99	6.47%	633.95
Medina	152,170,132	2.63%	11.24%	15,032.56	1.51%	223.89
Minnetrissa	136,940,498	1.84%	10.12%	13,528.06	0.72%	97.32
TOTALS	1,353,405,060	3.12%	100.00%	133,700.00	1.99%	2,610.00

MEMORANDUM

TO: Pioneer-Sarah Creek Watershed Management Commission
FROM: James Kujawa, Hennepin County Dept. of Environment and Energy
DATE: January 13, 2017
SUBJECT: Staff Report

2013-04 Franklin Hills Second Addition, Independence. This is a 41-acre site located at the westerly terminus of Franklin Hills Road approximately one mile south of CR 11 on the west side of CR 90. There is currently one home site on this parcel. It is proposed to be subdivided into six residential lots. Grading is proposed for the extension of Franklin Hills Road into two cul-de-sacs, or approximately 1100 feet of public street access to the new lots. An existing pond will also be expanded during the grading process. Each home site will be graded individually when building permits are issued. At their September 2013 meeting, the Commission approved site plans with three conditions. These conditions have been met with the exception of the Commission's receipt of the final O&M plan recorded document. The developer and City are still working on finalizing the plat and recording of all documents, including the O&M plan. The City stated they will be recording the document and will provide a copy to the Commission. **No new information has been received.**

2015-02 Serenity Hills, Independence. This is a 56-acre agriculture parcel that straddles both sides of Koch's Crossing just west of Independence Road. The applicant is proposing to subdivide the property into a cluster type development with 14 single-family residential lots (29.5 acres) and two large outlots (26.5 acres). As part of this project, Koch's Crossing is proposed to be vacated and relocated 700 feet south of the current road. This development triggers the Commission's review for stormwater management (quantity and quality), grading and erosion control. The project review and findings were included in the February packet. This project was approved by the Commission at their July meeting contingent upon: 1) The appropriate pipe or rock rip rap channel being designed for water flows over the stream bank in the NE corner of Outlot A, and 2) the City of Independence agreeing to maintain the stormwater facilities, or a stormwater management agreement and operation and maintenance plan being approved by the City and the Commission and recorded on the property deed. The recorded document must be provided to the Commission. Item 1 has been resolved, Item 2 is still pending. **No new information has been received.**

2016-02W Budd Avenue Utility and Street Improvement Project, Maple Plain. The City is proposing to reconstruct Budd Avenue between Independence Street and their north border with Independence (approximately 1300 feet). The Commission reviewed the site based on 583 SF of wetland impacts (wetland replacement plan) and for compliance with the Commission's Third Generation Plan. The Commission approved the wetland replacement plan and project at their July meeting. This item will remain on the report until the wetland banking credits are purchased from BWSR. **No new information has been received.**

2016-04 Pheasant Meadows Site Plan, Greenfield. The applicant is proposing 16 single family lots on his 80-acre parcel. Each lot averages about three acres of buildable area. The Commission approved site plans dated August 26, 2016 contingent upon three conditions. **All conditions have been met. This item will be removed from the report.**

2016-05 Proto Labs Parking Lot Expansion, Maple Plain. Proto Labs is expanding their parking area into two vacant lots just east of their existing facility in the Maple Plain Industrial Park. The site is located just north of Highway 12. 2.79 acres of new impervious areas will be created with this expansion. Based on the Commission's stormwater management plan, this site must be reviewed for compliance to the Commission's stormwater management, grading and erosion control standards. No wetlands or floodplains are located in the expansion lots. The Commission approved this project contingent upon three conditions. **One condition remains open:** Receipt of an Operation and maintenance agreement on the biofiltration basin per Staff findings dated September 6, 2016. **No new information has been received.**

2016-07W Jubert Hills Wetland Delineation, Greenfield.* Wetland delineation information has been received for this 20-acre parcel located on Pioneer Trail, near 69th Avenue. Staff reviewed the site and discovered a WCA violation. The landowner said he restored the site, but Staff will verify before approving the delineation report. This site is proposed to be split into two residential lots. It is currently agriculture cropland. Because no grading or public roads/improvements are proposed, if the violation has been corrected, **Staff only reviewed and approved the wetland delineation and that the wetlands and buffers be placed under an easement and monuments established. This work has been accomplished and approved. This item will be removed from the report.**

2016-08W Lecy Brothers wetland de minimis exemption, Greenfield.* This project proposes to fill 225 SF of a type 1 / 2 wetland for driveway access to a new residential home. This fill amount is allowed under BWSR WCA Chapter 8420.0420, Exemption Standard Subpart 8, de minimis. A. (3) (c) *400 SF of type 1, 2, or 6 wetland outside of the building setback zone (50' for Greenfield) , as defined in the local shoreland management ordinance, but within the shoreland wetland protection zone.* Based on the lot configuration, the location of an existing stream corridor/preservation area, the wetland and the slope of the driveway, the fill is necessary and prudent and avoids natural resource impacts to the greatest extent practicable. Staff approved and noticed the exemption per WCA requirements. This item will be removed from the report.

BUFFERS IN THE WATERSHED

Kirsten Barta, Rural Conservationist at HCEE, conducted an initial buffer analysis of the Pioneer-Sarah Creek watershed. She identified approximately 800 impacted parcels. Of these, 22 are currently non-compliant, 35 need further field review, and five properties need further review since they may be located partially in the Minnehaha Creek watershed.

PIONEER-SARAH CREEK WRAPS

The WRAPS Plan and TMDL study have been revised to incorporate the latest round of MPCA informal staff review comments. Some additional information regarding feedlot data needs to be completed, after which time MPCA will merge the WRAPS report and the implementation tables and make arrangements to post the entire document as well as the TMDL report for informal review by the stakeholders. PSC staff will coordinate with MPCA on how best to make that happen. Staff may be able to report at the meeting next week when the reports will be ready for informal stakeholder review and how much time the reviewers will have to provide comments.

Z:\Pioneer-SarahCreek\TechMemos\Tech Memos 2017\January Tech Memo.docx

Minnesota Wetland Conservation Act

Notice of Decision

Local Government Unit (LGU) Pioneer-Sarah Creek Watershed Management Commission.	Address Technical Office: Hennepin County Department of Environmental Services 701 Fourth Avenue South, Suite 700 Minneapolis, MN 55415-1600 <u>Administrative Office:</u> 3235 Fernbrook Lane Plymouth, MN 55447
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1. PROJECT INFORMATION

Applicant Name David Jubert	Project Name Jubert Hills	Date of Application October 14, 2016	Application Number 2016-07W
<input checked="" type="checkbox"/> Attach site locator map.			

Type of Decision:

<input checked="" type="checkbox"/> Wetland Boundary	<input type="checkbox"/> No-Loss	<input type="checkbox"/> Exemption	<input type="checkbox"/> Sequencing
<input type="checkbox"/> Replacement Plan	<input type="checkbox"/> Banking Plan (road replacement)		

Technical Evaluation Panel Findings and Recommendation (if any):

<input type="checkbox"/> Approve	<input type="checkbox"/> Approve with conditions	<input type="checkbox"/> Deny
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6

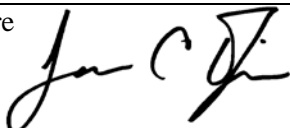
2. LOCAL GOVERNMENT UNIT DECISION

Date of Decision: November 17, 2016		
<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Approved with conditions (include below)	<input type="checkbox"/> Denied

LGU Findings and Conclusions (attach additional sheets as necessary):

<p>This is a 19.52-acre parcel inspected on September 8, 2016 and again on November 10, 2016. The property is located in Section 25, Township 119 North, Range 24 West, City of Greenfield, Hennepin County, Minnesota. (Hennepin County PID # 2511924340004). Three wetlands were delineated within the site boundaries. The wetland boundaries and types were consistent with the Routine Determination methodology (Corps of Engineers Wetland Delineation and Regional Supplement, Manuals) and BWSR guidelines for assessing wetland hydrology from aerial imagery.</p>
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LGU Authorized Signature:

Signing and mailing of this completed form to the appropriate recipients in accordance with 8420.0255, Subp. 5 provides notice that a decision was made by the LGU under the Wetland Conservation Act as specified above. If additional details on the decision exist, they have been provided to the landowner and are available from the LGU upon request.		
Name James C. Kujawa	Title Technical Advisor to the Commission	
Signature 	Date 11/17/16	Phone Number and E-mail 612-348-7338 James.kujawa@hennepin.us

THIS DECISION ONLY APPLIES TO THE MINNESOTA WETLAND CONSERVATION ACT.

Additional approvals or permits from local, state, and federal agencies may be required. Check with all appropriate authorities before commencing work in or near wetlands.

Applicants proceed at their own risk if work authorized by this decision is started before the time period for appeal (30 days) has expired. If this decision is reversed or revised under appeal, the applicant may be responsible for restoring or replacing all wetland impacts.

This decision is valid for three years from the date of decision unless a longer period is advised by the TEP and specified in this notice of decision.

3. APPEAL OF THIS DECISION

Pursuant to MN Rule 8420.0905, any appeal of this decision can only be commenced by mailing a petition for appeal, including applicable fee, within thirty (30) calendar days of the date of the mailing of this Notice to the following as indicated:

Check one:

<input checked="" type="checkbox"/> Appeal of an LGU staff decision. Send petition and \$0 fee (if applicable) to: <u>Pioneer-Sarah Creek Watershed Management Commission</u> <u>Administrative Office:</u> <u>3235 Fernbrook Lane</u> <u>Plymouth, MN 55447</u>	<input type="checkbox"/> Appeal of LGU governing body decision. Send petition and \$500 filing fee to: Executive Director Minnesota Board of Water and Soil Resources 520 Lafayette Road North St. Paul, MN 55155
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4. LIST OF ADDRESSEES

<input checked="" type="checkbox"/> SWCD TEP member: (email only) Stacey Lijewski, Stacey. Lijewski@co.hennepin.mn.us <input checked="" type="checkbox"/> BWSR TEP member: (email only) Ben Meyer, ben.meyer@state.mn.us <input type="checkbox"/> LGU TEP member (if different than LGU Contact): <input type="checkbox"/> DNR TEP member: <input checked="" type="checkbox"/> DNR Regional Office (email only) Becky.Horton@state.mn.us <input type="checkbox"/> WD or WMO (if applicable): <input checked="" type="checkbox"/> Applicant (notice only) and Landowner (email only) David Jubert, dvdjub@aol.com <input checked="" type="checkbox"/> Members of the public who requested notice (notice only): Adam Cameron, adam@kjolhaugenv.com , City of Greenfield, (email only) Bonnie Ritter (britter@ci.greenfield.mn.us) <input checked="" type="checkbox"/> Corps of Engineers Project Manager (email only) Melissa.M.Jenny@usace.army.mil <input type="checkbox"/> BWSR Wetland Bank Coordinator (wetland bank plan applications only)

5. MAILING INFORMATION

- For a list of BWSR TEP representatives: www.bwsr.state.mn.us/aboutbwsr/workareas/WCA_areas.pdf
- For a list of DNR TEP representatives: www.bwsr.state.mn.us/wetlands/wca/DNR_TEP_contacts.pdf
- Department of Natural Resources Regional Offices:

<u>NW Region:</u> Reg. Env. Assess. Ecol. Div. Ecol. Resources 2115 Birchmont Beach Rd. NE Bemidji, MN 56601	<u>NE Region:</u> Reg. Env. Assess. Ecol. Div. Ecol. Resources 1201 E. Hwy. 2 Grand Rapids, MN 55744	<u>Central Region:</u> Reg. Env. Assess. Ecol. Div. Ecol. Resources 1200 Warner Road St. Paul, MN 55106	<u>Southern Region:</u> Reg. Env. Assess. Ecol. Div. Ecol. Resources 261 Hwy. 15 South New Ulm, MN 56073
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For a map of DNR Administrative Regions, see: http://files.dnr.state.mn.us/aboutdnr/dnr_regions.pdf

- For a list of Corps of Project Managers: www.mvp.usace.army.mil/regulatory/default.asp?pageid=687
or send to:

US Army Corps of Engineers
St. Paul District, ATTN: OP-R
180 Fifth St. East, Suite 700
St. Paul, MN 55101-1678

- For Wetland Bank Plan applications, also send a copy of the application to:
Minnesota Board of Water and Soil Resources
Wetland Bank Coordinator
520 Lafayette Road North
St. Paul, MN 55155

6. ATTACHMENTS

In addition to the site locator map, list any other attachments:

☒ **Plat map with easements and buffers**

☐
☐
☐

Minnesota Wetland Conservation Act

Notice of Decision

Local Government Unit (LGU) Pioneer-Sarah Creek Watershed Management Commission.	Address Technical Office: Hennepin County Department of Environmental Services 701 Fourth Avenue South, Suite 700 Minneapolis, MN 55415-1600 <u>Administrative Office:</u> 3235 Fernbrook Lane Plymouth, MN 55447
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1. PROJECT INFORMATION

Applicant Name Lecy Brothers Homes (Michael Mann)	Project Name 8904 Whisper Creek Trail Greenfield (Kastanek Residence)	Date of Application November 8, 2016	Application Number 2016-08W
<input checked="" type="checkbox"/> Attach site locator map.			

Type of Decision:

<input type="checkbox"/> Wetland Boundary	<input type="checkbox"/> No-Loss	<input checked="" type="checkbox"/> Exemption	<input type="checkbox"/> Sequencing
<input type="checkbox"/> Replacement Plan	<input type="checkbox"/> Banking Plan (road replacement)		

Technical Evaluation Panel Findings and Recommendation (if any):

<input type="checkbox"/> Approve	<input type="checkbox"/> Approve with conditions	<input type="checkbox"/> Deny
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6

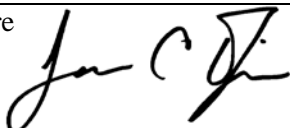
2. LOCAL GOVERNMENT UNIT DECISION

Date of Decision: November 14, 2016		
<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Approved with conditions (include below)	<input type="checkbox"/> Denied

LGU Findings and Conclusions (attach additional sheets as necessary):

<p>This project proposes to fill 225 sq. ft. of a type 1 / 2 wetland for driveway access to a new residential home. This fill amount is allowed under BWSR WCA Chapter 8420.0420, Exemption Standard Subpart 8, de minimis. A. (3) (c) '400 sq. ft. of type 1, 2, or 6 wetland outside of the building setback zone (50' for Greenfield) , as defined in the local shoreland management ordinance, but within the shoreland wetland protection zone.'</p> <p>Based on the lot configuration, the location of an existing stream corridor/preservation area, the wetland and the slope of the driveway, the fill is necessary and prudent and avoids natural resource impacts to the greatest extent practicable.</p>
--

LGU Authorized Signature:

Signing and mailing of this completed form to the appropriate recipients in accordance with 8420.0255, Subp. 5 provides notice that a decision was made by the LGU under the Wetland Conservation Act as specified above. If additional details on the decision exist, they have been provided to the landowner and are available from the LGU upon request.		
Name James C. Kujawa	Title Technical Advisor to the Commission	
Signature 	Date 11/14/16	Phone Number and E-mail 612-348-7338 James.kujawa@hennepin.us

THIS DECISION ONLY APPLIES TO THE MINNESOTA WETLAND CONSERVATION ACT.

Additional approvals or permits from local, state, and federal agencies may be required. Check with all appropriate authorities before commencing work in or near wetlands.

Applicants proceed at their own risk if work authorized by this decision is started before the time period for appeal (30 days) has expired. If this decision is reversed or revised under appeal, the applicant may be responsible for restoring or replacing all wetland impacts.

This decision is valid for three years from the date of decision unless a longer period is advised by the TEP and specified in this notice of decision.

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Check one:

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<u>NW Region:</u> Reg. Env. Assess. Ecol. Div. Ecol. Resources 2115 Birchmont Beach Rd. NE Bemidji, MN 56601	<u>NE Region:</u> Reg. Env. Assess. Ecol. Div. Ecol. Resources 1201 E. Hwy. 2 Grand Rapids, MN 55744	<u>Central Region:</u> Reg. Env. Assess. Ecol. Div. Ecol. Resources 1200 Warner Road St. Paul, MN 55106	<u>Southern Region:</u> Reg. Env. Assess. Ecol. Div. Ecol. Resources 261 Hwy. 15 South New Ulm, MN 56073
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For a map of DNR Administrative Regions, see: http://files.dnr.state.mn.us/aboutdnr/dnr_regions.pdf

- For a list of Corps of Project Managers: www.mvp.usace.army.mil/regulatory/default.asp?pageid=687
or send to:

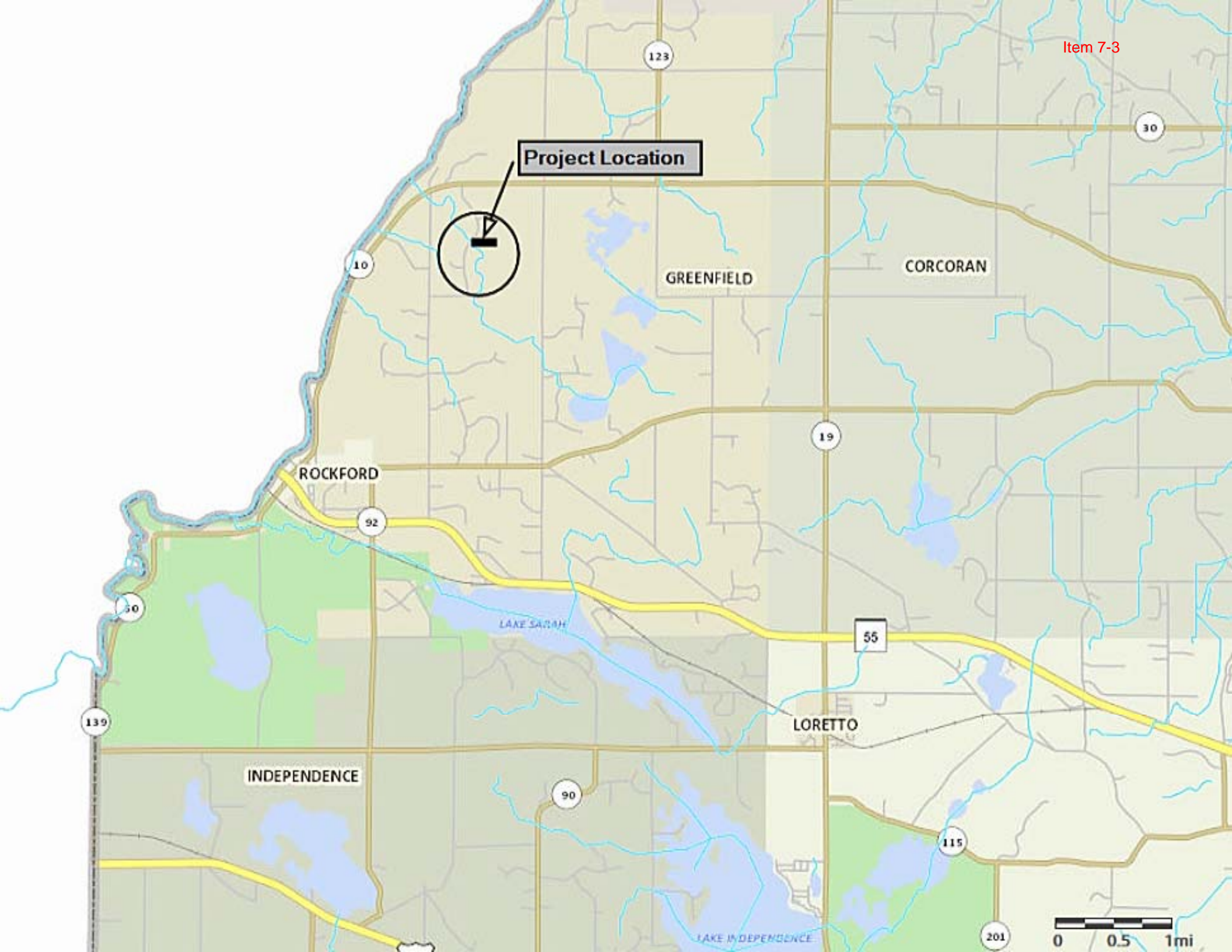
US Army Corps of Engineers
St. Paul District, ATTN: OP-R
180 Fifth St. East, Suite 700
St. Paul, MN 55101-1678

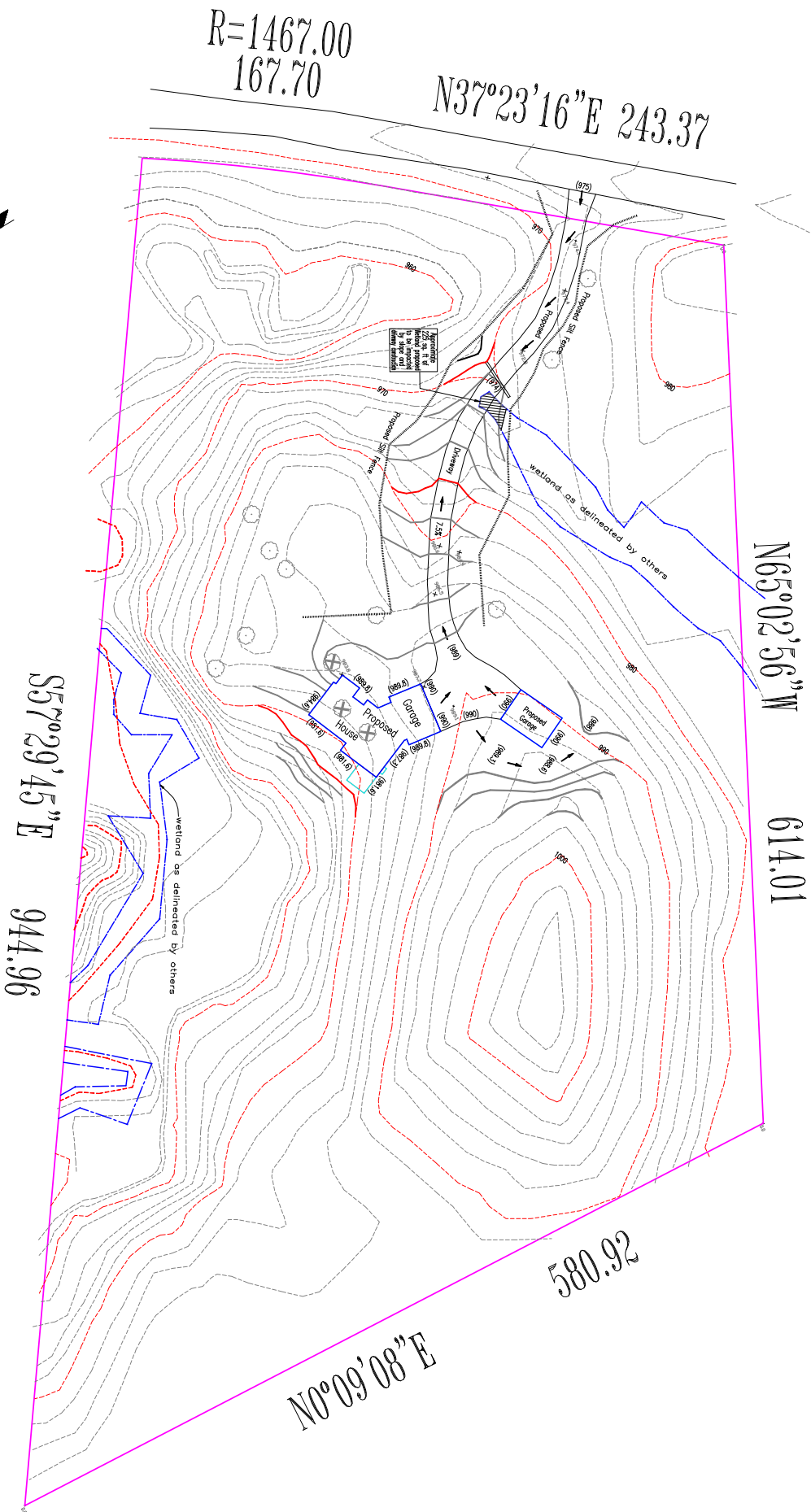
- For Wetland Bank Plan applications, also send a copy of the application to:
Minnesota Board of Water and Soil Resources
Wetland Bank Coordinator
520 Lafayette Road North
St. Paul, MN 55155

6. ATTACHMENTS

In addition to the site locator map, list any other attachments:

- ☒ **Site Plan**
- ☒ **LGU De minimis worksheet**
- ☐
- ☐





Proposed top of foundation elev.= 990.33
Proposed garage floor elev.= 990.00
Proposed lowest floor elev.= 981.52

Revised: 10/20/2016 sill fence & notes

BARB & JIM KASTANEK RESIDENCE
CERTIFICATE OF SURVEY

**DEMARS-GABRIEL,
LAND SURVEYORS, INC.**
6875 WASHINGTON AVE. SO.
SUITE 209 55449
Edina, MN 55439
Tel: (952) 767-0909
Fax: (952) 767-0490

I hereby certify that this survey, plan or report was prepared by me or under my direct supervision and that I am a duly Registered Land Surveyor under the Laws of the State of Minnesota.
As surveyed by me this 13th day of October, 2016.
David E. Crook

File No.
145356C
Book-Page
Scale
1"=50'

Prepared for:
LECY BROS. HOMES & REMODELING

Minnesota Wetland Conservation Act De Minimis Calculation Worksheet

- 1) Determine the appropriate Circ. 39 wetland type for all wetlands proposed to be impacted by the project, based on predominance of hydrology. For wetlands >40 acres, wetland type may be determined by the deepest water regime, in the basin, and within a 300-foot radius of the proposed impact area. (Note: use a single Circ. 39 Wetland Type for each wetland)

Impact wetland 1: _____ Impact wetland 2: 225 Impact wetland 3: _____ Impact wetland 4: _____

- 2) Determine the pre-project size of the wetland(s) (as of January 1, 1992) within the project property that are proposed to be impacted by the project. (Note: 1 acre = 43,560 square feet)

Total Wetland Area 7200 ft²

5% of the Total Wetland Area: 360 ft²

- 3) Determine the applicable de minimis exemption amount for the project from either a) or b) below. *If more than one de minimis amount is applicable to the project, the exemption amount is the lesser of these.*

- a) For projects where all wetlands proposed to be impacted are under single ownership and entirely within the project property, the applicable de minimis exemption amount is determined using the following table.

Wetland Type (circular 39)	Shoreland Class	Pre-Statehood Wetland Area	De Minimis Amount ⁽³⁾
1, 2, 6, or 7* (excluding white cedar and tamarack wetlands)	Non-Shoreland	> 80% ⁽¹⁾	10,000 ft ²
		50 – 80% ⁽¹⁾	5,000 ft ²
		< 50% ⁽¹⁾	2,000 ft ²
1, 2, 6, or 7* (excluding white cedar and tamarack wetlands)	Shoreland-Outside Building Setback	Any	400 ft ² ⁽⁴⁾
7* (white cedar and tamarack wetlands only)	Shoreland-Outside Building Setback	Any	100 ft ²
3, 4, 5, or 8	Shoreland-Outside Building Setback	Any	100 ft ²
Any Wetland Type	Shoreland-Inside Building Setback	Any	20 ft ²
1, 2, 6, or 7* (excluding white cedar and tamarack wetlands)	Non-Shoreland	> 80% ⁽²⁾	10,000 ft ²
		50 – 80% ⁽²⁾	2,500 ft ²
		< 50% ⁽²⁾	1,000 ft ²

(1) Outside of the 11-county metropolitan area: Counties of Anoka, Carver, Chisago, Dakota, Hennepin, Isanti, Ramsey, Scott, Sherburne, Washington, and Wright

(2) Inside the 11-County Metropolitan Area

(3) If more than one de minimis amount is applicable to the project, the exemption is the lesser of these

(4) Can be increased to 1000 ft² by LGU's in >80% areas for certain types of wetlands

- b) For projects where any wetlands proposed to be impacted extend outside of the project property (multiple landowners), the applicable de minimis exemption amount is the lesser of the following:

- The amount identified in the above table,
- 5% of the total wetland area within the project property, but in no case less than 400 ft².

De Minimis Exemption Amount 225 ft²

- 4) Determine the cumulative impacts (previous and proposed) to the landowner's portion of the wetland since January 1, 1992:
- | | | |
|---|---|----------------------------|
| Previous exempt impacts (from all projects) | 0 | ft ² |
| Current proposed impacts | + | 225 ft ² |
| Cumulative Impacts | = | <u>225</u> ft ² |

- 5) Is the applicable de minimis exemption amount (3) greater than, or equal to, the cumulative impacts (4)?

- ☒ **Yes** If yes, then the de minimis exemption can be claimed for the project and the proposed impacts can occur without a replacement plan for wetlands.
- ☐ **No** If no, then the de minimis exemption cannot be claimed for the project.

NOTE: If, at any time, total project impacts exceed the applicable de minimis exemption amount, this exemption is no longer valid and all wetland impacts associated with the project are subject to the replacement plan provisions of the Wetland Conservation Act (8420.0500 to 8420.0630).

MEMORANDUM

TO: Pioneer-Sarah Creek Watershed Management Commission
FROM: Amy Juntunen, JASS
DATE: January 13, 2017
SUBJECT: Facebook

At the November regular meeting, Commissioners requested information on creating a Facebook page for the Commission including pros, cons, and costs.

PROS

1. It is a simple way to drive engagement with citizens.

2. It is highly affordable.

Starting a basic Facebook page for the organization is free. Content is posted for free that includes links to the Commission and other partner websites. Post boosting is available for as little as \$5.

3. Relationships are easy to build.

Anyone who is interested in the Commission can visit on any platform they prefer. PCs, tablets, and smartphones are all compatible.

4. The Commission can be tagged in posts and content shared easily.

It's easy for people to like and share articles and content with their family and friends.

5. You can promote specific events.

Commission, city, and partner events can be added to drive awareness.

6. Results are extremely easy to measure.

Page insights are made available for business pages. This give ability to see how many people like the page, how many are seeing the page, and how many clicks and shares are generated. By measuring this data on a daily or weekly basis, we know what content is working, what is not working, and what changes may need to be made to enhance the engagement process.

7. Any form of media can be used on Facebook for Business.

Photos, video, audio, and written content can all be easily shared via Facebook.

8. You can decide to stop at any time.

There are no contracts and no cost, other than administrative time to create and post content, unless you choose to add paid advertising.

CONS

1. It is difficult to engage with Facebook users who don't like or comment.

2. There is a time requirement that must be fulfilled.

Daily or weekly monitoring is required to address negative comments (no other Commissions have faced this yet). Content development also takes time, but can be used in multiple places, such as on the Commission or city websites and newsletters.

3. It is difficult to determine if a profile engaging with your business is real or fake.

Facebook has begun to crack down on user profiles that do not seem to be real and trolling or spamming can occur without consequence.

4. People engaging with posts may not be from the area.

Facebook is international so posts will reach all interested users, whether they are within the watershed boundaries or not.

5. All of your posts are public posts.

Business pages aren't given the same luxury that personal profile pages have in managing who can access their posts. All posts on a business page are public posts.

6. It can be difficult to determine what your tone is through your content.

The tone of voice on Facebook is difficult to manage. Even if something seems extremely clear to you, there's a good chance that a small percentage of people are going to misinterpret what has been posted and take it personally and negatively.

COSTS

JASS has created and managed Facebook pages for the Shingle Creek WMO and West Metro Water Alliance since April 2016. The WMWA page has 92 likes and an average reach of 122 people. Some posts have been shared reaching over 1,000 people. The Shingle Creek page has 61 likes and an average reach of 70 people.

Costs are variable depending on the frequency of intended posts and whether content is available or needs to be generated from scratch.

WaterShed Partners has recently started a campaign where that organization is creating social media content, articles, photos, and videos available for partner use. PSCWMC has elected not to be a partner at this time.

JASS can work within a set budget and share costs for multi-jurisdictional content between other watersheds managed. Recommended budget is no less than \$1,000 annually. This would allow generation of one original, Pioneer-Sarah Creek WMC-specific post each month, as well as 2-4 shared posts with other organizations.

Steinke Dairy Water Quality Improvement Project

By Karl Hakanson, UM Extension-Hennepin County

Kurt and Susan Steinke own and operate their dairy farm at 5670 Hwy 55, just north of Lake Sarah, in the Pioneer-Sarah Creek Watershed. Their farm has been in the family since 1940 and now sits at the outer edge of suburban encroachment. They farm 300 acres and have a herd of 40 dairy cows plus youngstock. Susan writes a popular column for the [Dairy Star](#) newspaper and they have three young children. In her writings she chronicles the hard work and challenges of running a small dairy on the urban fringe and the satisfaction and rewards of life on a family farm.



Manure patty on hard, scrapable surface.



Looking downslope from the inlet. Water enters here and does not run across the yard. Plans call for the area around the inlet to be fenced off.



Close-up of inlet with rock to protect the inlet. Water from the woods and farmland upslope is diverted to the inlet to a drain pipe under the feed lot.



Close-up of outlet with rock to protect the outlet and to prevent erosion.

This past summer the Steinkes installed barnyard improvements that will reduce the polluted runoff to the watershed. Taking advantage of a nearby road project, Kurt got free fill and excavation work in exchange for the contractor having a convenient place to get rid of excess fill. This gravel material was laid over the existing barnyard area, from one to six feet thick on the approximately one acre lot. This had been a difficult, muddy, manure laden lot with a waterway right through the barnyard.

A diversion and inlet structure now gathers the water from upslope, runs it underground to an outlet on the far side of the yard. This prevents a large volume of stormwater from washing over the yard and carrying manure and phosphorus downstream to the watershed. The gravel fill creates a hard, packed surface making it easier to scrape up the manure. If the manure is cleaned up prior to rain events, essentially very little manure should run downstream. It is better for the cattle too as they stay dry and clean. There will be more manure available to use as valuable crop nutrients as well.

Manure and Phosphorus runoff estimates: 40 cows; 15% of annual manure deposited on the yard, plus eight dry cows on the lot full time for six months; ~75% of the manure now picked up compared to 10% previously. Based on published figures (MWPS), that equals approximately 140 tons of manure and 750 lbs. P/year collected, not available to runoff. We also calculated about 4-5 lbs. reduced P from soil erosion reductions off the lot.

Gutters have been also added to a shed that now diverts the rainwater away from the yard, reducing the amount of runoff even further. Jim Kujawa, from Hennepin County Environment and Energy Department and I assisted the Kurt and Susan with initial design ideas, and I also assisted with soil testing and discussions about nutrient management planning and options for manure storage. A little design work, some free fill and the Steinke's initiative created a much better feedlot with a lot less runoff. Good work!



View downslope to outlet just beyond fence, above wetland area. Note cow pies; more easily collected prior to rainfall.



Gutters on shed roof directs clean storm water away from barnyard.

News Release

USDA Announces \$252 Million Available for Regional Conservation Partnership Program

Applications requested for innovative partner-driven projects

WASHINGTON, Jan. 12, 2017 - Agriculture Secretary Tom Vilsack today invited potential conservation partners, including private industry, non-government organizations, Indian tribes, state and local governments, water districts, and universities to submit project applications for federal funding through the Regional Conservation Partnership Program (RCPP).

Through this fourth RCPP Announcement for Program Funding (APF), USDA's Natural Resources Conservation Service (NRCS) will award up to \$252 million dollars to locally driven, public-private partnerships that improve the nation's water quality, combat drought, enhance soil health, support wildlife habitat, and protect agricultural viability. Applicants must match or exceed the federal award with private or local funds.

"Through unprecedented collaboration, the Regional Conservation Partnership Program has established a new paradigm for working lands conservation that yields unparalleled results," Vilsack said. "Working together, RCPP projects in every state are demonstrating the ways in which locally-led initiatives can meet some of our most pressing natural resource concerns."

Created by the 2014 Farm Bill, RCPP connects partners with producers and private landowners to design and implement voluntary conservation solutions that benefit natural resources, agriculture, and the economy. By 2018, NRCS and its more than 2,000 conservation partners will have invested at least \$2.4 billion in high-impact RCPP projects nationwide.

For example, three existing RCPP projects bring together more than 40 partners, including USA Rice, Ducks Unlimited, California Rice Commission, the Walmart Foundation and The Mosaic Company, to accelerate conservation on rice lands in six states facing water quality and quantity challenges. These projects, collectively called the USA Rice-Ducks Unlimited Rice Stewardship Partnership, aim to conserve water and wildlife habitat while sustaining the future of rice farming in the United States. With unique technical expertise and needs, each state is leading a partner-driven, local approach to conservation in rice agriculture.

In its most recent RCPP awards, NRCS last month announced that 88 high-impact projects across the country will receive \$225 million in federal funding, with more than double that investment from partners. The new Gulf of Mexico – Forest to Sea RCPP project will conserve Florida's pristine "Big Bend" area along the northeastern Gulf by implementing innovative conservation solutions with private working forest owners. Using an impact investment approach, The Conservation Fund and 12 partners will implement an easement and restoration plan on large forested tracts to address the

natural resource concerns while allowing sustainable timber harvesting and maintaining local jobs. The project will serve as a model for further conservation and impact investing in the region and beyond.

NRCS Chief Jason Weller encourages partners to consider conservation finance and environmental markets as they develop RCPP project applications. "The growing field of conservation finance provides opportunities to inject significant investment capital into projects that protect, restore and maintain our natural ecosystems," says Weller.

USDA is now accepting proposals for Fiscal Year 2018 RCPP funding. Pre-proposals are due April 21. For more information on applying, visit the [RCPP website](#).

Since 2009, USDA has invested more than \$29 billion to help producers make conservation improvements, working with as many as 500,000 farmers, ranchers and landowners to protect over 400 million acres nationwide, boosting soil and air quality, cleaning and conserving water and enhancing wildlife habitat. For an interactive look at USDA's work in conservation and forestry over the course of this Administration, visit <http://medium.com/usda-results>

For more information:

Here's the web site:

<https://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/programs/farmbill/rcpp/?cid=nrcseprd1309629>

... and they can call Mary Monte, NRCS Conservationist for Hennepin, Anoka and Sherburne Counties.

[763/241-1170 x130](tel:7632411170)

Mary.Monte@mn.usda.gov

If we have any farmers/famland owners in mind let me know. Glad to help.

Regards, Karl

Karl Hakanson

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