



July 14, 2016

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, July 21, 2016, at 6:00 p.m., at the Discovery Center, 5050 Independence Street, Maple Plain, MN. **PLEASE NOTE THIS CHANGE IN MEETING SITE AND TIME.**

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

REGULAR MEETING AGENDA

July 21, 2016 • 6:00 pm

Maple Plain City Hall @ The Discovery Center
5050 Independence Street, Maple Plain (*note new location*)

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

1. Call to Order.
2. Approve Agenda.*
3. Consent Agenda.
 - a. May regular meeting minutes.*
 - b. Monthly Claims/Treasurers Report.*
4. Action Items.
 - a. 2016-02W Budd Avenue Improvement Project, Maple Plain.*
 - b. CIP Process Policy.**
 - c. Livestock Management Ordinance.**
 - 1) Transmittal Letter. *Will be included on August agenda pending action at July meeting.*
 - 2) Resolution 2016-01. *Will be included on August agenda pending action at July meeting.*
5. Open Forum.
6. Old Business.
 - a. Third Community Conversation.
 - b. TAC CIP review. (*Based on Staff solicitation to cities for projects to be added to CIP.*)
 - 1) Schedule TAC meeting.
7. New Business.
 - a. Website update.
8. Staff Report.
 - a. June.*
 - b. July.*
9. Education.
 - a. Pledge to Plant rack cards.*
 - b. 2016 Clean Water Summit.*
10. Communications.
 - a. Storage Area Walk-through.*
11. Commissioner Reports.
12. Other Business.
 - a. 2015-2017 CIPs. (see below)
13. Adjournment. (*Next meeting-August 18, 2016 at 6:00 pm, Maple Plain*)

* Included in meeting packet.

Year	Project	Project Name	Est Cost	Actual 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, Schwauppau	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		



Pioneer-Sarah Creek Watershed Management Commission

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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				
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				
				3,000	36,200	30,860	26,100

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REGULAR MEETING MINUTES May 19, 2016

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, May 19, 2016, by Vice Chair Joe Baker at Maple Plain City Hall, 5050 Independence Street, Maple Plain, MN.

Present: Mike Hoekstra, Greenfield; Joe Baker, Independence; Brenda Daniels, Loretto; Julie Maas-Kusske, Maple Plain; Mike McLaughlin, Medina; Lisa Whalen, Minnetrista; James Kujawa, 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.

2. AGENDA.* Item 4.b.1., Livestock management ordinance transmittal letter, was removed to the June meeting due to issues with the ordinance. Motion by Whalen, second by Daniels to approve the agenda as revised. *Motion carried unanimously.*

3. CONSENT AGENDA. Whalen requested the CIP Process policy be pulled for discussion. Motion by Whalen, second by McLaughlin to approve items a. and b. of the consent agenda. *Motion carried unanimously.*

a. April 21, 2016 Meeting Minutes.

b. Monthly Claims/Treasurer's Report.* Monthly claims total \$20,182.89.

c. CIP Process Policy.* Whalen noted opposition to the policy due to the requirement of public hearings vs. public meetings and the associated cost. The drafters of the policy took the requirement language from the JPA. Whalen requested a delay in considering the policy to the June meeting to allow for further review by herself and her city attorney. Motion by Whalen, second by McLaughlin to table this item for further discussion at the June meeting. *Motion carried unanimously.*

4. ACTION ITEMS.

a. Motion by McLaughlin, second by Whalen to approve the **non-waiver of monetary limits on the Commission's tort liability insurance.*** *Motion carried unanimously.*

b. Livestock Management Ordinance.* The cities will be provided with the intended outcome of a Livestock Management Policy for water quality and two sample ordinances adopted by Medina and Greenfield. The member cities will be able to customize ordinances to fit their needs. The language, "of particular interest is that the standards should be based on net grazeable acres, not gross acreage," will be added. A specific request to update each city's animal density ordinance may also be included. Brasch will continue to work on the ordinance language. This item will return as an action item on the June agenda.

1) Transmittal letter.** This item will return as an action item on the June agenda.

2) Resolution 2016-01.** This item will return as an action item on the June agenda.

c. 2017 Operating Budget.* Baker and Cook worked with Staff to create the proposed budget. The budget proposes a 2% increase in member assessments, a \$5,000 increase in CIP funding, a new line item of \$5,000 to fund subwatershed assessments, and a \$5,000 decrease for administration. Monitoring was increased per the Third Generation Plan schedule for monitoring, as well as inflation.

Hoekstra noted that he felt the Cities should review the budget prior to Commission approval.

Greenfield • Independence • Loretto • Maple Plain • Medina • Minnetrista

*Included in meeting packet.

[Maas-Kusske departed 6:50 p.m.]

Motion by Whalen, second by McLaughlin to approve the budget as presented. *Motion carried, Hoekstra opposed.*

5. OPEN FORUM. Baker noted that the Commission may be given responsibility to monitor and enforce the new buffer standards as discussed at the Hennepin County Natural Resources Partnership meeting. County Soil and Water Conservation Districts will manage monitoring of public ditches. BWSR will provide enforcement for both public waters and public ditches. Ultimate responsibility is yet to be determined.

6. OLD BUSINESS.

a. Third Community Conversation.* Dinner and networking will occur 6:00-6:30 p.m., with the presentations occurring from 6:30-8:30 p.m. Brasch will discuss Whaletail in Minnetrista, Baker will discuss Independence projects, and Cook will discuss potential projects and the subwatershed assessment for Dance Hall Creek. A Commissioner is needed to provide the opening/closing comments. Randy Anhorn from Hennepin County has also been invited to discuss available County funding and to announce that the County is hiring a rural conservationist.

b. The Ardmore Area subwatershed Retrofit Assessment* was presented to the Medina City Council and to LICA last week. The assessment is broken down into ag and urban areas. The total possible urban area reduction is only 16 lbs, whereas ag can accomplish the same reduction with only one project and at a much lower cost per pound. The Council would like the Commission's technical Advisory Committee (TAC) to review the assessment and add the top projects to the CIP, making them eligible for grant funding. The County also has funds for these projects.

7. NEW BUSINESS.

The City of Medina has requested a **TAC review of the Ardmore subwatershed assessment projects**. Clean Water Legacy grants are due August 28. The County has Opportunity Grants available for matching funds for the CWLA grant. Staff will check the BWSR website for the grant deadline. The Commission consensus is to move forward with a TAC meeting in July. Cities will be noticed to allow them to bring additional projects for TAC review.

8. STAFF REPORT.*

A potential wetland violation was supposed to have had restoration work completed; however, the owner recently had a heart attack, so the restoration deadline has been extended an additional 60 days. The operations and maintenance plan is still due on the Serenity Hills and Franklin Hills projects. Staff has not visited the Pioneer Trail potential wetland violation site. Hoekstra noted that he knows the owner and can visit if needed. A TEP is scheduled for June 2 on the Gehrman wetland violation.

9. EDUCATION.

10. COMMUNICATIONS.

11. COMMISSIONER REPORTS.

- a. Daniels and Whalen** had nothing to report.
- b. McLaughlin** thanked Brasch and Kujawa for presenting the Ardmore subwatershed assessment to LICA last week. There were about 40 attendees. The LICA annual meeting is Saturday, May 21 at 1:00 p.m.
- c. Baker** visited the Selstads today with Kujawa, who identified a number of project options. Hakanson Anderson will be looking at feasibility for those projects which could treat a 1,000 acre watershed draining to Lake Independence. Baker will continue to work on those potential projects with the land owner. Baker and McLaughlin met with Wenck to review the Baker Park Ravine project. The most beneficial area of the project is the ravine itself. Phosphorus reductions may not be as high as the subwatershed assessment indicated. He will review a few ravine projects completed on Lake Minnetonka as well as the Wayzata High School project for comparison. A landowner wanted to clear out a pond nearby, which may be a wetland violation. Baker and Kujawa will investigate.

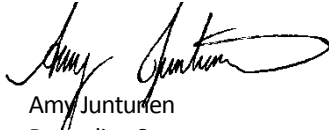
d. **Hoekstra** noted that the Greenfield City Council approved the sale of the non-buildable property bordering the TRPD property on Lake Sarah yesterday after a two-year process. The Lake Sarah outlet maintenance proposal has been sent to Independence for review. The agreement includes financial responsibilities for both cities. Baker promoted the agreement and feels the two cities should partner for the benefit of the lake owners.

12. OTHER BUSINESS.

- a. **2015-2017 CIPs.***
- b. **Commissioner Appointments** have been received from all cities.
- c. The **next meeting** is scheduled for June 16, 2016.

13. ADJOURNMENT. There being no further business, motion by Whalen, second by McLaughlin to adjourn. *Motion carried unanimously.* The meeting was adjourned at 8:02 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 Six Months Ending June 30, 2016

Item 3b

	Current Month Actual	Year to Date Actual	Year to Date Budget	Year to Date Variance	Annual Budget
Revenues					
Member Dues	\$ 0.00	\$ 131,090.00	\$ 131,090.00	0.00	131,090.00
Project Review Fees	0.00	300.00	1,000.00	(700.00)	1,000.00
WCA Adm Fees	0.00	800.00	249.99	550.01	500.00
Interest and Dividend Income	21.65	97.85	10.00	87.85	20.00
Total Revenues	21.65	132,287.85	132,349.99	(62.14)	132,610.00
Operating Expenses					
Engineering/Consulting	0.00	2,171.36	5,750.00	3,578.64	23,000.00
Administrative Expense	3,125.45	14,933.93	20,500.01	5,566.08	41,000.00
Adm-Project Reviews	44.90	173.16	499.99	326.83	1,000.00
WCA - Admin/Legal Expenses	22.12	47.58	250.00	202.42	500.00
Adm - Tech Support	0.00	0.00	375.00	375.00	750.00
Legal Expense	72.50	290.00	250.00	(40.00)	500.00
Audit Expense	4,000.00	4,000.00	4,040.00	40.00	4,040.00
Insurance	0.00	257.00	401.00	144.00	3,370.00
Total Operating Expenses	7,264.97	21,873.03	32,066.00	10,192.97	74,160.00
Program Deliverables and Education					
Adm - General Programs	0.00	0.00	500.00	500.00	500.00
TAC Meetings	0.00	0.00	3,060.00	3,060.00	3,060.00
Lake Monitoring - TRPD	0.00	0.00	0.00	0.00	4,430.00
Lake Monitoring - CAMP	0.00	0.00	0.00	0.00	1,120.00
Stream Monitoring - routine	0.00	0.00	0.00	0.00	7,400.00
Stream Monitoring - other	0.00	0.00	0.00	0.00	1,500.00
Education	0.00	439.91	6,120.00	5,680.09	6,120.00
Education-Events	0.00	0.00	500.00	500.00	500.00
Grant Writing	0.00	0.00	1,020.00	1,020.00	1,020.00
Invertebrate Monitoring	0.00	0.00	0.00	0.00	1,500.00
Website	311.95	1,361.40	2,240.00	878.60	2,240.00
Total Deliverables and Education	311.95	1,801.31	13,440.00	11,638.69	29,390.00
Fund Expenses					
WRAPP Income*	0.00	18,963.15	0.00	18,963.15	
WRAPP Expense*	678.20	15,726.37	0.00	(15,726.37)	0.00
Total WRAPP	678.20	(3,236.78)	0.00	3,236.78	0.00
Capital Improvement Project			28,000.00	28,000.00	28,000.00
CIP Baker Ravine	0.00	21.75	0.00	21.75	
CIP-Ardmore SWA	151.74	151.74	0.00	151.74	
Total Capital Improvement Projects	151.74	173.49	28,000.00	173.49	0.00
Total Fund Expenses	829.94	(3,063.29)	28,000.00	31,063.29	28,000.00
Total Expenses	8,406.86	20,611.05	73,506.00	52,894.95	131,550.00
Net Income	(\$ 8,385.21)	\$ 111,676.80	\$ 58,843.99	52,832.81	\$ 1,060.00

Pioneer-Sarah Creek Watershed
Balance Sheet
June 30, 2016

Item 3b

ASSETS

Current Assets		
Cash-4M Fund	\$	<u>286,797.24</u>
Total Current Assets		<u>\$ 286,797.24</u>

LIABILITIES AND CAPITAL

Total Liabilities		0.00
Capital		
WCA Replacement Guarantee	\$	6,850.00
WCA Monitoring Guarantee		6,816.44
WCA Administrative Guarantee		696.78
WRAPP Encumbered		11,266.76
Retained Surplus		107,850.09
CIP Fund		41,640.37
Net Income		<u>111,676.80</u>
Total Capital		<u>286,797.24</u>
Total Liabilities & Capital		<u>\$ 286,797.24</u>

Pioneer-Sarah Creek Watershed
Cash Disbursements Journal
For the Period From Jul 1, 2016 to Jul 31, 2016

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

Date	Check #	Account ID	Line Description	Debit Amount	Credit Amount
7/14/16	1433	51300	Insurance	2,985.00	
			6/1/2016-2017		
		10100	League of MN Cities		2,985.00
			Insurance Trust		
7/14/16	1434	51100	Administration	1,026.79	
		51100	Meeting	47.38	
		51100	Bookkeeping	99.36	
		51100	Annual Budget	146.91	
		51400	Website	91.85	
		51120	Project Reviews	13.89	
		51130	WCA	41.04	
		63200	WRAPS	120.55	
		10100	Judie Anderson's		1,587.77
			Secretarial Service		
Total				4,572.77	4,572.77



Item 3b

INVOICE #: 53637

LEAGUE OF MN CITIES INSURANCE TRUST (0011)
C/O BERKLEY RISK ADMIN.CO.,LLC
222 SOUTH NINTH STREET
SUITE 2700
MINNEAPOLIS MN 55402-3332
612-766-3000 FAX: 612-766-3281

PREMIUM NOTICE

Invoice Date: 6/30/16
Due Date: 07/30/16

Bill To
PIONEER-SARAH CREEK WATERSHED
MANAGEMENT COMMISSION
3235 FERNBROOK LANE
PLYMOUTH MN 55447-5325

Agent 00842
ARTHUR J GALLAGHER RISK
MANAGEMENT SERVICES INC
3600 AMERICAN BLVD S #500
BLOOMINGTON MN 55431-1069

Type of Coverage: MUNICIPALITY
Covenant Number CMC 39214
Covered Party: PIONEER-SARAH CREEK WATERSHED

Coverage Period: 6/01/16 To 6/01/17

Payment Plan Selected: ANNUAL PAY PLAN

<u>DUE DATE</u>	<u>AMOUNT DUE</u>	<u>END.DATE</u>	<u>DESCRIPTION</u>
7/30/16	2,985.00		PREMIUM
Total:	\$2,985.00		

Payment/Adjustment
Applied: \$.00
Total: \$2,985.00

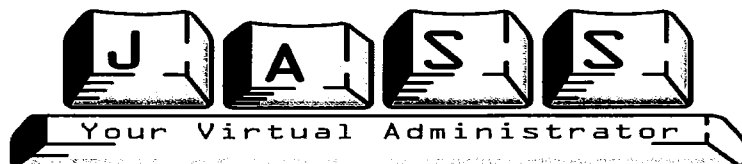
PLEASE RETURN THIS PORTION WITH YOUR CHECK MADE PAYABLE TO:

LEAGUE OF MN CITIES INSURANCE TRUST (0011)
C/O BERKLEY RISK ADMIN.CO.,LLC
P.O. BOX 581517
MINNEAPOLIS MN 55458-1517
612-766-3000 FAX: 612-766-3281

INVOICE #: 53637

Type of Coverage: MUNICIPALITY
Covenant Number: CMC 39214
Coverage Period: 6/01/16 To 6/01/17
Covered Party: PIONEER-SARAH CREEK WATERSHED

DUE DATE: 07/30/16
UNPAID BALANCE: 2,985.00
AMOUNT DUE: 2,985.00



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

3235 Fernbrook Lane
Plymouth MN 55447

July 14, 2016

Total Project Area

General Administration

Administrative	0.13	55.00	7.150		
Administrative	6.52	60.00	391.200		
Office Support	2.00	60.00	120.000		
Public storage	1.00	104.72	104.720		
Data Processing/File Mgmt	1.63	55.00	89.650		
Archiving	4.63	60.00	277.800		
Reimbursable Expense	36.27	1.00	36.270	1,026.790	Administration

Meeting packets, attendance, Minutes and Meeting follow-up

Administrative		55.00	0.000		
Administrative	0.58	60.00	34.800		
Admin - Offsite		65.00	0.000		
Reimbursable Expense	12.58	1.00	12.580	47.380	Meeting related activit

Bookkeeping

Bookkeeping	0.41	50.00	20.500		
Bookkeeping	0.66	55.00	36.300		
Bookkeeping, budget, audit requests	0.38	60.00	22.800		
Treasurer's Reports	0.17	60.00	10.200		
Audit Prep		50.00	0.000		Bookkeeping/TRs
Reimbursable Expense	9.56	1.00	9.560	99.360	Audit Prep

Annual Budget

Administrative	2.40	60.00	144.000		
Administrative - offsite		65.00	0.000		
Reimbursable Expense	2.91	1.00	2.910	146.910	Annual Budget

Website

Pages, links, uploads	1.67	55.00	91.850		
Administrative		60.00	0.000	91.850	Website

Project Reviews

Administrative	0.17	60.00	10.200		
File Management/Archiving		50.00	0.000		
Reimbursable Expense	3.69	1.00	3.690	13.890	Project Reviews

WCA/Wetland Projects

Administrative	0.33	60.00	19.800		
Reimbursable Expense	21.24	1.00	21.240	41.040	WCA/Wetland

WRAPS

Secretarial		55.00	0.000		
Administrative	1.08	60.00	64.800		
Offsite		65.00	0.000		
Admin - Civic Engagement	0.33	55.00	18.150		
Offsite - Civic Engagement		65.00	0.000		
Reimbursable Expense	37.60	1.00	37.600	120.550	WRAPS

1,587.770 1,587.770



ADMINISTRATIVE OFFICE: 3235 Fernbrook Lane N • Plymouth, MN 55447
 763.553.1144 • Fax: 763.553.9326 • Email: judie@jass.biz
TECHNICAL OFFICE: 701 Fourth Street South, Suite 700, Minneapolis,
 MN 55415-1600 Phone: 612.348.7338 • Fax: 612.348.7338 •
 Email: james.kujawa@co.hennepin.mn.us

Budd Avenue
Utility and Street Improvements
Maple Plain, Project #2016-02W

Project Overview: The City of Maple Plain is proposing the reconstruction of Budd Avenue between Independence Street on the south to the city limits on the north. The roadway work will replace 1165 feet of street. The project also includes updating storm sewer, sanitary sewer and water main utilities. New impervious areas are 0.3 acres. Construction site disturbance will be approximately 1.2 acres. Minor wetland fill in two wetland basins is proposed (563 sq. ft.). The Commission standards require the review of grading and erosion controls and compliance with the MN Wetland Conservation Act.

Applicant: City of Maple Plain, Attn: Tessia Melvin, City Administrator P.O. Box 97 5050 Independence Street, Maple Plain, MN 55359. Phone 763-479-0516. Email: tmelvin@mapleplain.com

Agent/Engineer: Stantec, Attn. Julia Millet, 2335 W. Highway 36, St. Paul, MN 55113. Phone: 651-967-4551. Email: Julia.millet@stantec.com

Exhibits:

- 1) PSCWMC Request for Plan Review received May 6, 2016.
- 2) Fees (\$950) for; a) Grading & Erosion Control on a governmental agency redevelopment project resulting in disturbance of 1.2 acres and b) Wetland Project delineation and replacement plan fee.
- 3) Wetland Delineation Report for Budd Avenue, Maple Plain, prepared by Stantec dated January 11, 2016.
- 4) Joint Application Form for Activities Affecting Water Resources in MN dated March 22, 2016.
- 5) Site Plans, Budd Avenue Utility and Street Improvements no date or signature, received as part of the Joint Application Form, 22 of 22 11x17 sheets.

Findings:

- 1) A complete application was received May 6, 2016. The initial 60-day review period per MN Statute 15.99, expires July 5, 2016.
- 2) PSCWMC stormwater management plan standards requires grading and erosion control reviews for all governmental projects that disturb more than 1 acre of ground. This site proposes to disturb 1.2 acres. Stormwater quality or quantity review is required for trails, roads, street, and highway projects only if new impervious areas are greater than 1.0 acre. This site will have 0.3 acre new impervious area created so will not be reviewed for stormwater management.

Budd Avenue Utility and Street Improvements
2016-02w
June 3, 2016

Wetlands

- 3) PSCWMC is the local governmental unit (LGU) in charge of administering the 1991 MN Wetland Conservation Act (WCA) within the boundaries of the watershed located in Maple Plain. As proposed, 563 sq. ft. of wetland impacts will occur on this project. As the LGU in charge of WCA for this project, the project was noticed per WCA rules.
- 4) The wetland delineation was completed in January 2016. Staff field checked the delineation April 22, 2016 and found it to be accurate.
- 5) Three separate impacts on two basins will occur from the street and trail work. Impact will result from rock riprap for erosion control at the flared end sections of the culverts and one trail crossing area.
 - a. Total wetland fill from all three impacts will be 563 square feet.
 - b. MN WCA sequencing analysis to avoid, minimize and replace impacts has been adequately addressed in the wetland replacement application
 - c. Replacement at a 2:1 ratio (1126 sq. ft.) from the Robert Engstrom wetland bank account #1518 is proposed. A signed purchase agreement was included in the application materials
- 6) The TEP and public were notified per MN WCA requirements on May 20, 2016. Comments are accepted until June 16, 2016. No comments have been received.
- 7) Wetland impacts cannot occur until BWSR approval of banking credits transfer is issued.

Grading, erosion and sediment controls;

- 8) E&SC consist of ditch checks (bio-logs), culvert and inlet protection, silt fence, rock construction entrances, erosion control blankets and vegetation restoration.
- 9) Water quality and quantity controls are not part of this review. The increase in impervious area coupled with the project site disturbance do not trigger our review for these Commission standards.

Recommendation:

Grading and Erosion Control: Staff recommends approval of the Grading, Erosion and Sediment Control Plans

Wetland Replacement Plan: Staff recommends the Commission approve the 563 sq. ft. of wetland impacts and replacement at 2:1 ratio through the BWSR wetland bank program.

Hennepin County Department of Environmental Services
Advisor to the Commission

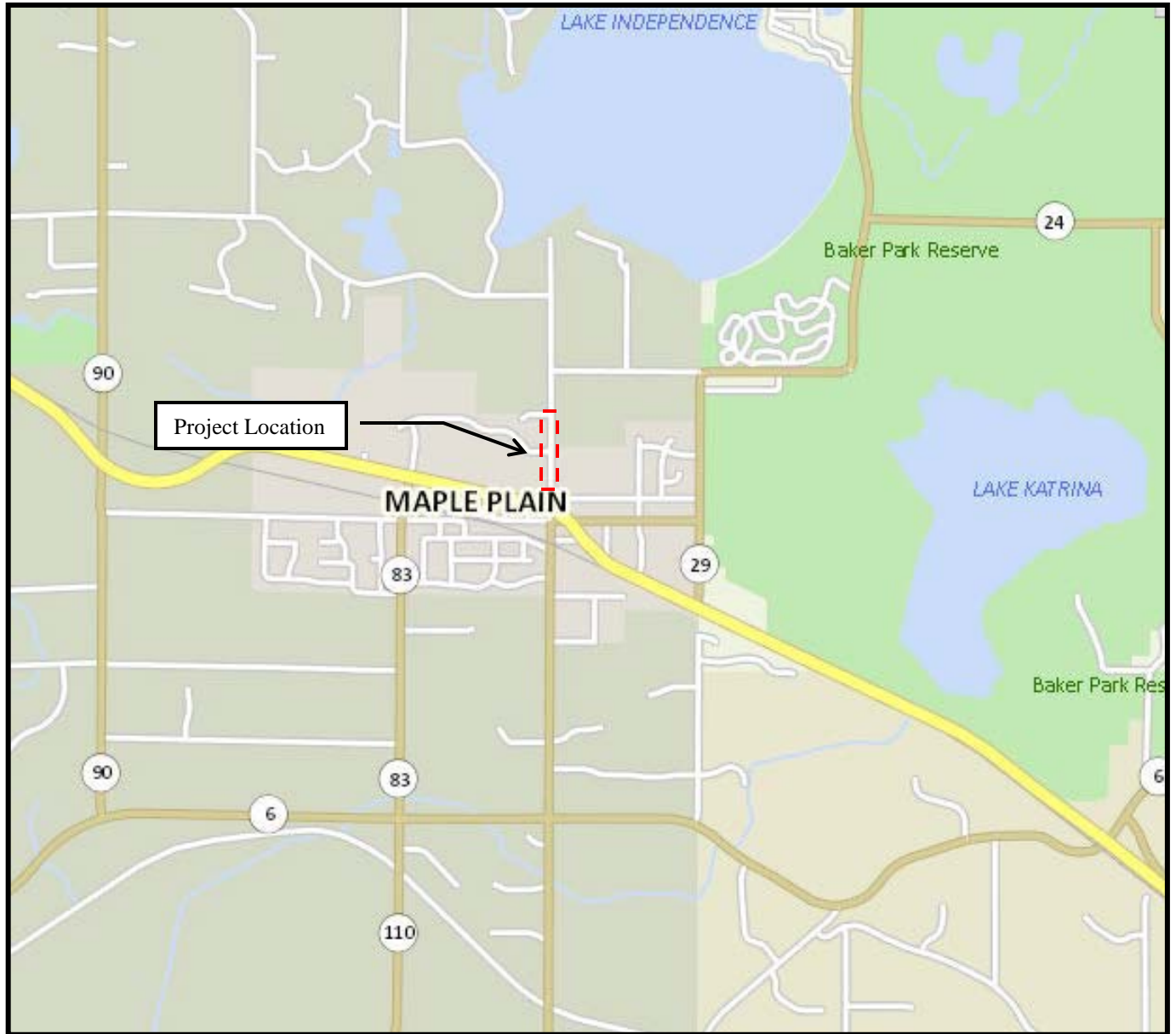


James C. Kujawa, Water Quality Specialist

June 3, 2016
Date

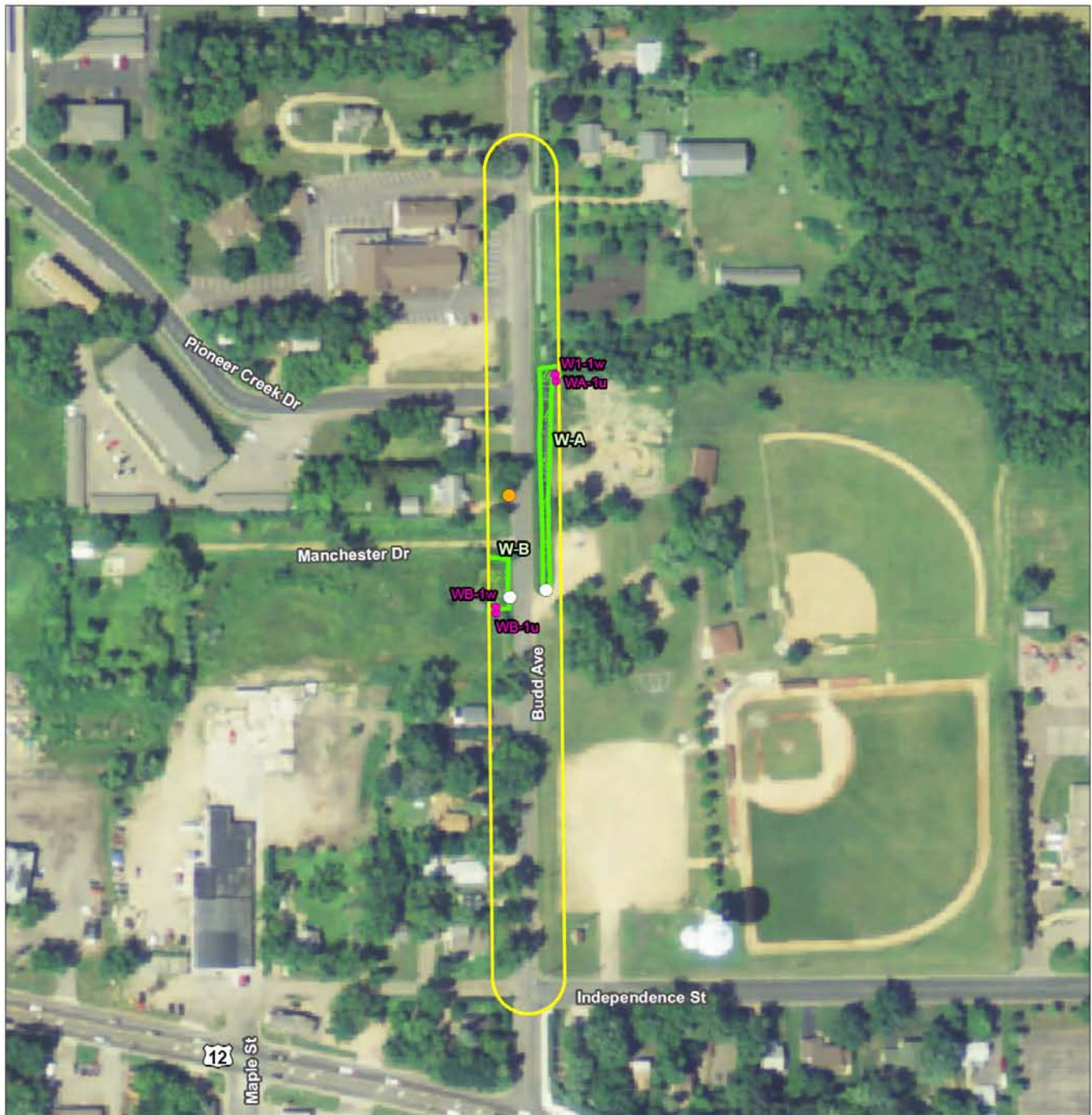
Budd Avenue Utility and Street Improvements
2016-02w
June 3, 2016

Location Map



Budd Avenue Utility and Street Improvements
2016-02w
June 3, 2016

Aerial overview and wetland location map



Notes
1. Coordinate System: NAD 1983 StatePlane Minnesota South RPS 2003 Feet
2. Data Sources include: Stantec, USGS, and Esri.
3. Orthophotography: 2013 NAIP

Disclaimer: Stantec assumes no responsibility for data supplied in electronic format. The recipient accepts full responsibility for verifying the accuracy and completeness of the data. The recipient releases Stantec, its officers, employees, consultants and agents, from any and all claims arising in any way from the content or provision of the data.

Legend

- Approximate Project Area
- Sample Points
- Flared E
- Storm MH
- Field Delineated Wetland Boundary
- Field Delineated Wetland Area
- ~ National Hydrography Data
- ~ Perennial Stream
- ~ Intermittent Stream
- ~ Waterbody

Figure No.

5

Title

Field Collected Data

Client/Project

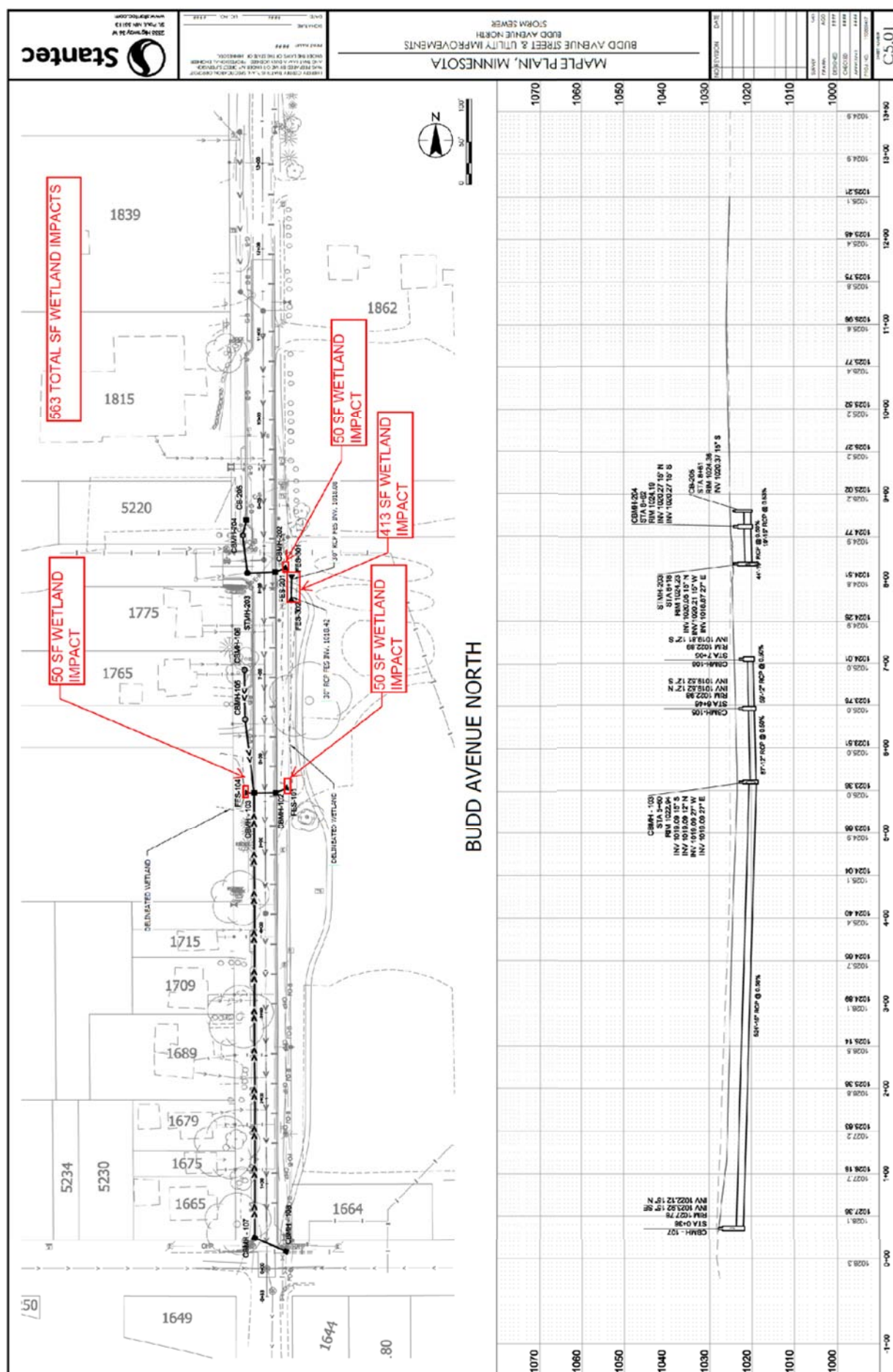
City of Maple Plain
Budd Ave. Wetland Delineation

Project Location
T118N, R24W, S24
City of Maple Plain
Hennepin Co., MN

190803417
Prepared by SF on 2015-12-18
Technical Review by MP on 2015-12-21
Independent Review by MP on 2015-12-21

0 100 200 Feet
1:2,400 (at original document size of 9.5x11)





MEMORANDUM

TO: Pioneer-Sarah Creek Watershed Management Commission
FROM: James Kujawa, Hennepin County Dept. of Environment and Energy
DATE: June 3, 2016
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.

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.

2015-07w 7325 Pioneer Trail Wetland Violation, Greenfield. Contacts from the property owner have been limited. After approximately five phone messages and two site visits, he finally provided Staff with his email contact. Staff sent him an email outlining the process to resolve a filling violation. After a call from the DNR, the property owner has been in contact with our office and has requested a PSCWMC application for an exemption. Instead of an exemption, the landowner has decided to voluntarily remove the fill and restore the wetland impacts. Correspondence outlining the details and timelines gave him until May 15, 2016 to complete the work. *As of June 3, 2016, the work has not been started.*

2015-10 Highway 55 Mini-storage, Medina. At the October 2015 Commission meeting the applicant requested a waiver to our fee schedule on this project. The Commission denied the request. Revisions to the site plans were received in October. At their November 2015 meeting the Commission approved this project contingent upon 1) the soil amendment areas and iron enhanced filtration basin being protected by a drainage and utility easement and included in the site's utility maintenance agreement, and 2) the buffer areas having a conservation easement recorded over them. Easement and maintenance agreement language was provided in the developer's agreement put together by the City of Medina. Recorded documents will be submitted to the Commission when they are filed with the County.

Gehrman Potential Wetland Violation, 2319 South Lakeshore Drive, Independence.* Independence is the local government unit (LGU) in charge of administering the Wetland Conservation Act (WCA) for this site. In the fall of 2015 this site was reported to the DNR Conservation Officer for a possible wetland violation. A Technical Evaluation Panel (TEP) comprised of representatives from BWSR, the LGU, and SWCD was held on the property on March 10, 2016. The landowner felt it was an impoundment constructed prior to the 1930s and that his work restored it to its pre-settlement condition. He requested until April 1 to provide the TEP historic information (pre 1930s) on the wetland and what his ultimate restoration plans would be to achieve the pre-settlement condition. The TEP agreed to his request and will meet once the information is received. *Additional documentation was received the week of May 2. A TEP was held June 2, 2016. The TEP, LGU and landowner agreed it would be best to restore the wetland to its original condition prior to Gehrman's drainage work. This will reestablish the type 4/5 wetland it was. If the Gehrman's choose to pursue additional restoration on this basin in the future, they must submit the appropriate documentation/information to the LGU for review and approval prior to their work. TEP minutes and the correspondence from the City to the Gehrman's is included in the meeting packet. This item will be removed from the report.*

Potential Wetland Violation, 5275 County Road 11, Independence.* A complaint was received concerning some ditching and a potential wetland violation on the south side of CSAH 11 near Lake Sarah. Staff's initial drive-by and office investigations indicated the ditch was constructed to drain a wetland. The City of Independence was made aware of the situation. Independence is the LGU in charge of administering the WCA for this site. The TEP met on site April 20 and determined that if the landowner restores the site to pre-existing conditions there would be no violation. This was his intent. The City will follow up with him once the restoration is completed. A one month timeline was given. **Due to health issues, the deadline for restoration was extended to August 31, 2016. A letter from the City of Independence is included in the meeting packet.**

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 will review this site based on 583 SF of wetland impacts (wetland replacement plan) and for compliance with the Commissions Third Generation Management Plan. **Project review findings and recommendations are included in this month's packet**

PIONEER-SARAH CREEK WRAPS

Phase 2 of the Pioneer Sarah Creek WRAPS project extends to June 30, 2017 and is the final phase of the project. The overall outcome of this project will be a WRAPS Plan and TMDL Study that provides quantitative pollutant load reduction estimates and a set of pollutant reduction and watershed management strategies to achieve water quality standards for impairments within the watershed. The third Community Conversation is scheduled for Wednesday, June 29, 2016.

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A TEP meeting was held on Thursday, June 2, 2016 at 9:00 a.m. at the Independence City Hall. Those in attendance were Stacey Lijewski -Hennepin County, Ben Meyer- BWSR, Jim Kujawa- Hennepin County, Kaci Fisher-Hakanson Anderson, Brad Spencer -City of Independence, Joe Baker- City of Independence/Pioneer Sarah Creek Watershed Management Commission, Greg Gehrman-property owner, and Beth Horner- City of Independence.

A WCA wetland violation involving unpermitted drainage of a wetland had previously occurred on the Greg Gehrman family property located at PID 24-118-24-12-0003, 2319 South Lakeshore Dr. There was a visit to the site on March 10, 2016 at which time it was agreed Greg would come up with a restoration proposal. Mr. Gehrman did follow-up with all involved parties and a meeting of the TEP was then scheduled for June 2.

There was a consensus of the TEP on June 2 that the water level of the wetland should be restored to its pre-drainage elevations. After some discussion it was decided that Greg would take out some of the dislocated fill by the culvert and place it back where it came from. An elbow and riser would be added to the current outlet culvert to restore the water level runout to previous elevations and the berm would be restored to its previous condition. The elevation of the new tile riser should be at or above the natural outflow elevation located on the southern end of the berm. It was thought that after some rain, the water level may naturally be restored. Since no prior surface water elevation data was available, aerial photographs from the preceding decade would be the basis used with which to compare and to judge the success of this restoration.

It was agreed that 60 days was a reasonable period of time for another site visit to confirm the restorative outlet corrections have been made. The wetland should be fully restored within 18 months.

Greg Gehrman was strongly encouraged by the TEP to have a professional wetland delineation of this property. This would not only serve as a concrete starting point but also as a permanent record for his property.

The meeting adjourned at 10:10 a.m.

Z:\Pioneer-SarahCreek\Projects\2016\Notes-TEP Gehrman.doc



June 3, 2016

Greg Gehrman
2319 South Lakeshore Dr.
Independence, MN 55359

Dear Greg,

The intent of this letter is to confirm the plan of action regarding the wetland violation that occurred on your family's property, identified as PID 24-118-24-12-0003, 2319 South Lakeshore Dr., Independence. Below is the result of the TEP meeting which took place this morning, June 2, 2016 at Independence City Hall.

By signing this letter you agree to comply with the following action items in order to restore the water level:

- Reposition dislocated fill at new culvert to original location.
- Attach an elevated inlet to pond end of culvert to raise water outlet level to previous pond surface water levels.
- The elevation of the new tile riser should be at or above the natural outflow elevation on southern end of berm.

This will be done, and subject to a TEP site visit by August 2, 2016 which abides by the 60 day time frame we discussed. Please contact the City when these items have been completed to arrange for an inspection of the site.

Thank you for your cooperation.

Beth Horner
City of Independence

Greg Gehrman
Property Owner

Cc: Stacey Lijewski
Ben Meyer
Jim Kujawa
Kaci Fisher
Brad Spencer
Joe Baker

Z:\Pioneer-SarahCreek\Projects\2016\Greg Gehrman Action Letter June 2016.doc



May 19, 2016

Ken Davis
5275 County Road 11
Independence, MN. 55359

Dear Mr. Davis:

The deadline to repair the end of your drain tile was May 20th 2016.

We understand there was some medical issue that prevented you from completing this. The last thing we want is to cause any un-do stress for your situation.

I have been in contact with all parties that were at your property back in April. We all agreed that it can't be left the way it is. So by given you an extra 60-90 days we hope this can be completed by you or someone. August 31st is the new date.

All work described in previous letter for drain tile must be done.

When completed Please call the city to do a final inspection of site.

Sincerely,

Bruce Satek
Building Inspector
1920 Co.Rd. 90
Independence, MN. 55359
763-479-0527

Z:\Pioneer-SarahCreek\Projects\2016\Ken Davis Second Letter.doc

MEMORANDUM

TO: Pioneer-Sarah Creek Watershed Management Commission
FROM: James Kujawa, Hennepin County Dept. of Environment and Energy
DATE: July 14, 2016
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.

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with the Commissions Third Generation Management Plan. Project review findings and recommendations are included in the meeting packet

2016-03 Pheasant Meadows Wetland Delineation, Greenfield.* This site is an 80 acre parcel located on the west side of Greenfield Road about one-half mile north of CSAH 50. Staff has viewed the site and requested clarification on a couple of points. Staff will administratively approve the delineation once these points have been cleared up.

2016-04 Pheasant Meadows Site Plan, Greenfield.* Project information was not received in time to review and provide recommendations in this month's packet. The applicant is proposing 16 single family lots on his 80-acre parcel. Each lot averages about three acres of buildable area.

PIONEER-SARAH CREEK WRAPS

Phase 2 of the Pioneer Sarah Creek WRAPS project extends to June 30, 2017 and is the final phase of the project. The overall outcome of this project will be a WRAPS Plan and TMDL Study that provides quantitative pollutant load reduction estimates and a set of pollutant reduction and watershed management strategies to achieve water quality standards for impairments within the watershed. **The third Community Conversation, scheduled for June 29, 2016, was canceled and will be rescheduled.**

Z:\Pioneer-SarahCreek\TechMemos\Tech Memos 2016\July Tech Memo.docx

Minnesota Wetland Conservation Act

Notice of Application

Local Government Unit (LGU) Pioneer-Sarah Creek Watershed Management Organization	Address c/o JASS 3235 Fernbrook Lane, Plymouth, MN 55447
---	--

1. PROJECT INFORMATION

Applicant Name Shawn Peterson	Project Name Pheasant Meadows Estates	Date of Application July 5, 2016	Application Number 2016-03W
---	---	--	---------------------------------------

Type of Application (check all that apply):

<input checked="" type="checkbox"/> Wetland Boundary or Type Sequencing	<input type="checkbox"/> No-Loss Replacement Plan	<input type="checkbox"/> Exemption	<input type="checkbox"/> Banking Plan
---	---	------------------------------------	---------------------------------------

Summary and description of proposed project (attach additional sheets as necessary):

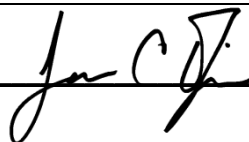
<p>This is an 80 acre site located in Section 22, Township 119 North, Range 24 West, City of Greenfield, Hennepin County, Minnesota. The site is located west of Greenfield Road and north of Rebecca Park Trail. (Hennepin County PID 22- 119-24-41-0001). Wetlands were identified using Routine Determination methodology (Corps of Engineers Wetland Delineation and Regional Supplement, Manuals). Areas in agricultural cropland that exhibited potential wetland signatures on aerial photography and with low or depressional topography were reviewed Using Aerial Imagery to Assess Wetland Hydrology (Minnesota Board of Water and Soil Resources (BWSR) 2010). Five wetlands were delineated within the site boundaries.</p>
--

2. APPLICATION REVIEW AND DECISION

Signing and mailing of this completed form to the appropriate recipients in accordance with 8420.0255, Subp. 3 provides notice that an application was made to the LGU under the Wetland Conservation Act as specified above. A copy of the application is attached. Comments can be submitted to:

Name and Title of LGU Contact Person James C. Kujawa Technical Advisor to the Commission	Comments must be received by (minimum 15 business-day comment period): August 1, 2016
Address (if different than LGU)	Date, time, and location of decision: August 1, 2016, 4:30 p.m. Administrative Office PSCWMC.
Phone Number and E-mail Address 612-348-7338 james.kujawa@co.hennepin.mn.us	Decision-maker for this application: <input checked="" type="checkbox"/> Staff <input type="checkbox"/> Governing Board or Council

Signature: _____



Date: **July 11, 2016**

3. LIST OF ADDRESSEES

- ☒ SWCD TEP member: **(email only) Stacey. Lijewski@co.hennepin.mn.us**
☒ BWSR TEP member: **(email only) ben.meyer@state.mn.us**
☐ LGU TEP member (if different than LGU Contact):
☐ DNR TEP member:
☒ DNR Regional Office (if different than DNR TEP member) **Leslie.Parris@state.mn.us**
☐ WD or WMO (if applicable):
☒ Applicant (notice only) and Landowner **Shawn Peterson shawnpete@yahoo.com Agent; cara@ottoassociates.com. Ben Carlson ben@kjolhaugenv.com**
☒ Members of the public who requested notice (notice only): **City of Greenfield, Bonnie Ritter. britten@cigreenfield.mn.us**
☒ Corps of Engineers Project Manager (notice only **ACOE (email only) Melissa.M.Jenny@usace.army.mil**
☐ BWSR Wetland Bank Coordinator (wetland bank plan applications only)

4. MAILING INFORMATION

- For a list of BWSR TEP representatives: www.bwsr.state.mn.us/contact/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>	<u>NE Region:</u>	<u>Central Region:</u>	<u>Southern Region:</u>
Reg. Env. Assess. Ecol. Div. Ecol. Resources 2115 Birchmont Beach Rd. NE Bemidji, MN 56601	Reg. Env. Assess. Ecol. Div. Ecol. Resources 1201 E. Hwy. 2 Grand Rapids, MN 55744	Reg. Env. Assess. Ecol. Div. Ecol. Resources 1200 Warner Road St. Paul, MN 55106	Reg. Env. Assess. Ecol. Div. Ecol. Resources 261 Hwy. 15 South New Ulm, MN 56073

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

5. ATTACHMENTS

In addition to the application, list any other attachments:

- ☒ **Greenfield Road Site, Wetland delineation report by Kjolhaug Env. dated June 14, 2016, including Appendix C & D, offsite hydrology assessment.**

☐
☐
☐

**10,000
PLANTINGS
BY 2020**



**PLEDGE to
PLANT**

*for
pollinators
and*

**CLEAN
WATER**



NATIVE PLANTS

capture & filter dirty runoff
that would otherwise go into nearby waters

prevent erosion
with their extensive root systems

conserve water & energy
by requiring fewer inputs

provide food & habitat
to pollinators, birds, and more

For native plant nurseries, designers,
installers or to pledge online, visit

BlueThumb.org/Pledge

or mail this pledge card to:



WEST METRO WATER ALLIANCE

3235 Fernbrook Lane
Plymouth, MN 55447

First Name

City

State

Email

Size of Planting
(approx. length by width in feet)



Minnesota Landscape
ARBORETUM



Clean Water Summit Green Infrastructure for Clean Water

Rethinking Redevelopment and Retrofit

Thursday, September 22, 2016, 9:00 a.m. - 4:30 p.m.

Registration begins at 8:30 a.m.

Minnesota Landscape Arboretum - MacMillan Auditorium

REGISTER

\$70 Arboretum Members and Conference Affiliates / \$80 General Registration
Fee includes Arboretum admission, lunch and coffee breaks.

HOME : MN LANDSCAPE ARBORETUM : EVENTS AND PROGRAMS : CONFERENCES AND SUMMITS : 2016 CLEAN WATER SUMMIT

Summit Overview

The 2016 Clean Water Summit will feature up-to-date knowledge and research in green infrastructure practices for redevelopment and retrofit sites, with a focus on innovation in project planning, developing partnerships, engaging community, design and installation, monitoring, and operations and maintenance that optimizes performance.

WHAT TO EXPECT:

Presentations and case studies that showcase how green infrastructure practices were incorporated into urban redevelopment and retrofit sites, including what it took to overcome barriers and achieve local buy-in and acceptance. The Summit will feature:

- Innovation in engineering and design, monitoring, operations, and maintenance that optimizes long-term performance and enhances the effectiveness of green infrastructure practices.
- Lessons learned in project planning, developing partnerships, communicating value, engaging communities, and obtaining funding.
- Local, regional, and state policies and planning efforts that support the use of more green infrastructure and less grey infrastructure in our communities.

WHO SHOULD ATTEND:

watershed managers • designers • engineers • landscape architects • community planners • municipal stormwater managers • policy makers • public agency staff • property managers • educators • concerned citizens

Summit Highlights



This Summit will feature Pigeonhole Live, an interactive platform for audience participation. Bring any web-capable device such as a phone, laptop, or tablet. No apps, sign-up or downloads required, and wi-fi is available, but data usage may apply if using cell service.

QUESTIONS ABOUT REGISTRATION?

Call 612-301-1210 or email: ArbEdu@umn.edu

Cancellation Policy: Registration cancellations must be made two weeks prior date in order to receive refund. A \$5 processing fee will apply.

Presented by the Minnesota Landscape Arboretum and University of Minnesota Extension, in collaboration with Capitol Region Watershed District and the Freshwater Society.

UNIVERSITY OF MINNESOTA
EXTENSION



FRESHWATER SOCIETY

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[Become an Endorsing Organization](#)

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SUPPORTING SPONSORS



**MINNEHAHA CREEK
WATERSHED DISTRICT**



CONTRIBUTING SPONSORS

PATRON SPONSORS

[Barr Engineering Company](#)
[Minnesota Native Landscapes, Inc](#)
[Metropolitan Council Environmental Services](#)
[Nine Mile Creek Watershed District](#)

Tentative...be sure to check regularly for updates!

KEYNOTE PRESENTERS

Howard Neukrug, PE - Former Commissioner and CEO, Philadelphia Water Services; Fellow, US Water Alliance and the Penn Institute for Urban Research; Principal with HN Environmental

Mr. Neukrug is a local and national leader in drinking water, green infrastructure and wastewater utility industries, recognized as a builder of regional and inter-agency coalitions and trust-based relationships with regulators, legislators, and communities. He is the creator of Philadelphia's Green Cities, Clean Water Program, where he was the CEO of Philadelphia Water's \$1 billion water services utility. He is an advisor to the US EPA and other environmental agencies on issues of policy and regulation, water quality and treatment and urban planning and sustainability and has served on many environmental advocacy organizations. Mr. Neukrug is a graduate in Civil and Urban Engineering from the University of Pennsylvania, where he is currently teaches 3 courses: "Water, Science, and Politics", "Sustainable Cities", and "The US Water Industry in the 21st Century".

Rob Traver, Ph.D. - Director and Researcher, Villanova Urban Stormwater Partnership and the Villanova Center for the Advancement of Sustainability in Engineering

Dr. Robert G. Traver has been a member of the Water Resources and Environmental Engineering Program at Villanova since 1988. He currently serves as Director of both the Villanova Center for the Advancement of Sustainability in Engineering, and the Villanova Urban Stormwater Partnership. While at Villanova, Dr. Traver has conducted research on topics that include modeling of stream hydraulics, urban hydrology, water quality, and measures to mitigate stormwater effects of urbanization. He has been the main force in creating a Stormwater Green Infrastructure Demonstration and Research Park on the Villanova Campus, and founded the Villanova Urban Stormwater Partnership to enable continuing long term stormwater research. Dr. Traver believes that research supports and enhances the undergraduate and graduate educational experience. He teaches graduate courses in hydrology, hydraulics, urban stormwater management, and undergraduate courses in all facets of water resources.

INNOVATION IN GREEN INFRASTRUCTURE - LOCAL SUCCESS STORIES

Project Planning

Planning tools · project drivers · innovation in planning approaches · quantifying multiple benefits · lessons learned

Ford Site Redevelopment - St. Paul, MN

Partnerships and Community Involvement

Innovative partnerships · roles and responsibilities · challenges and barriers · funding opportunities · communication and engagement

Edison High School - Minneapolis, MN

Prospect North Redevelopment - Minneapolis, MN

Cottageville Park - Hopkins, MN

Design, Installation, and Monitoring

Innovation in design for municipal, residential, and linear projects · tools and technologies used · performance optimization · lessons learned and replicating success

Maplewood Living Streets - Maplewood, MN

Empire Wastewater Treatment Plant - Farmington, MN

CHS Field - St. Paul, MN

Curtiss Pond - Falcon Heights, MN

Operations and Maintenance

Long term maintenance plans · funding options · technologies in O&M · lessons learned

TBD

PLUS....NETWORKING AND HAPPY HOUR AFTER THE SUMMIT!

photo courtesy Capitol Region Watershed District

[Riley Purgatory Bluff Creek Watershed District](#)

ENDORISING ORGANIZATIONS

[Bassett Creek Watershed Management Commission](#)

[Carver County Water Management Organization](#)

[City of Eden Prairie](#)

[Comfort Lake - Forest Lake Watershed District](#)

[Freshwater Society](#)

[Hennepin County](#)

[Minnesota Golf Course Superintendents Association](#)

[Minnesota Green Roofs Council](#)

[Minnesota Sea Grant](#)

[Minnesota Water Resources Center](#)

[Mississippi Watershed Management Organization](#)

[Nine Mile Creek Watershed District](#)

[Richfield-Bloomington Watershed Management Organization](#)

[Riley Purgatory Bluff Creek Watershed District](#)

[University of Minnesota Extension](#)

[Vermillion River Watershed Joint Powers Organization](#)

Preferred Conference Hotel

Country Inn & Suites - Chanhassen

591 West 78th Street, Chanhassen, MN 55317 [area map](#)
952-937-2424





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To: Pioneer-Sarah Creek Commissioners
From: Judie Anderson
Date: June 3, 2016
Subject: Storage Area Walk-Through

On June 3, Staff performed a storage area walk through requested by Chuck Alcon. Alcon and Kathy McCullough were present and took photographs of the space. The request was made under the Freedom of Information Act.

Comments from Alcon/McCullough included – why not have one of the cities store this? This would all fit in my storage area.

Accessibility and distance (adds to staff travel time).

Why isn't this all digitized?

Much of it is, however cost prevents much of the project information and information older than 2006 to be digitized. Digital storage also carries a cost.

What is the size of the storage space?

Mistakenly told him it was 10x10. It is actually 10x20.

What would be the process if I wanted to spend 8-10 hours in here doing research?

A staff member would need to be present and their time paid for by the requesting party.

I believe their intention is to find another way/place to store the materials to avoid the \$100/month cost. Reference was made to how much Greenfield spends but doesn't see return. Alcon stated no landowners are likely to participate in projects proposed by the Commission.

We began rental of the unit 9/26/2008 at \$230.30/month. Current cost is \$374/month with an increase expected 10/1/16 to \$404/month. Staff is researching other storage options in the Plymouth area currently. The current space has a unit open on the 2nd floor for \$288/month.