

Elm Creek Watershed Management Commission 2016 Treasurer's Report

		2016 Budget	Sept 2016	Oct 2016	2016 Budget YTD
EXPENSES					
Administrative		90,000	7,435.00	6,483.16	63,042.83
Watershed-wide TMDL		24,406	30.50	30.97	720.65
Grant Writing		5,100			0.00
Website		6,000	151.25	980.60	3,312.84
Legal		2,000		170.50	750.50
Audit		5,000			4,500.00
Insurance		3,800			3,456.00
Miscellaneous/Contingency		2,000			0.00
Project Reviews	HCEE	105,500			44,763.24
Project Reviews	Consult	6,000	1,530.00	1,370.50	6,622.50
Project Reviews	Admin	11,000	1,362.92	1,610.17	9,710.31
WCA-Technical	HCEE	12,500			6,877.74
WCA	Legal	500			0.00
WCA	Admin	2,000	57.58	74.70	855.63
Stream Monitoring		23,500		19,960.00	20,874.32
Extensive Stream Monitoring		7,200			0.00
DO Longitudinal Survey		500			0.00
TMDL Monitoring/Comm in-kind					9,100.00
Rain Gauge		195	17.29	20.65	158.84
Rain Gauge Network		100			0.00
Lakes Monitoring - CAMP		1,650			0.00
Lakes Monitoring - TRPD					0.00
Sentinel Lakes		3,100			0.00
Additional Lake		600			0.00
Aquatic Vegetation Surveys		1,000			0.00
Wetland Monitoring (WHEP)		4,000			0.00
Stream Health (SHEP)		6,000			0.00
Education		6,000	187.35	391.43	2,753.72
WMWA General Activities		4,000			3,750.00
WMWA Educators/Watershed Prep		4,500			4,500.00
WMWA Special Projects		1,500			1,500.00
Rain Garden Workshops		3,000			2,113.50
Education Grants		3,000			0.00
Macroinvertebrate Monitoring-River Watch		6,000			0.00
Ag Specialist		2,000			0.00
Projects ineligible for ad valorem		50,000			0.00
Studies/Project ID/SWA		35,000	1,480.20	429.97	5,748.98
S Metro/Upper Miss Bacteria TMDLs		1,000			0.00
Plan Amendments/Local Plans		8,000			1,698.91
<i>Transfer to (from) Encumbered Funds (see following pages)</i>					0.00
<i>Transfer to (from) Capital Projects (see following pages)</i>			531.60	122,393.83	122,925.43
<i>Transfer to (from) Cash Sureties (see following pages)</i>					0.00
<i>To Fund Balance</i>					0.00
TOTAL - Month			12,783.69	153,916.48	319,735.94
TOTAL Paid in 2016, incl 2015 Expenses		447,651.00	222,065.18	375,981.66	2016 Paid

Elm Creek Watershed Management Commission 2016 Treasurer's Report

		2016 Budget	Sept 2016	Oct 2016	2016 Budget YTD
INCOME					
<i>From Fund Balance</i>					
Project Review Fee		100,000	10,703.00		56,821.85
Return Project Fee			-1,500.00		-1,500.00
Water Monitoring - TRPD Co-op Agmt		6,000			0.00
WCA Fees		5,000			8,100.00
Return WCA Fee/Surety			-1,000.00		-1,000.00
Reimbursement for WCA Expense		1,500			840.00
Member Dues		215,360			215,360.00
Interest/Dividends Earned		80	117.70		523.15
<i>Transfer to (from) Capital Projects (see page 4)</i>					127,449.66
Watershed-wide TMDL - MPCA - 2015					0.00
Misc Income					0.00
Total - Month			8,320.70	0.00	406,594.66
TOTAL Funds Rec'd in 2016, incl 2015 Income		327,940.00	418,602.91	418,602.91	2016 Received
CASH SUMMARY		Balance Fwd			
Checking					
4M Fund		517,804.14	715,341.87	561,425.39	
Cash on Hand			715,341.87	561,425.39	
CASH SURETIES HELD		Balance Fwd			Activity CY
WCA Escrows Received		0.00			1,000.00
WCA Escrow Reduced		0.00			0.00
Total Cash Sureties Held		0.00	1,000.00	1,000.00	
CAPITAL PROJECTS					
Revenue - AdValorem Levy Funds		250,000			
Medina Tower Drive		-			0.00
Champlin Mill Pond Dam		-			0.00
Plymouth EC Restoration					127,449.66
Expense - Commission Cost Share		250,000			
Administrative Expense		3,000			
Medina Tower Drive		-			0.00
Champlin Mill Pond Dam		-			0.00
Plymouth EC Restoration					
ENCUMBERED FUNDS					
<i>Encumber Studies/Project Identification/ SWA balance from 2015</i>		34,316			
Total Expenditures			0.00	0.00	0.00
Total Encumbered Funds		34,316	34,315.54	34,315.54	

Elm Creek Watershed Management Commission 2016 Treasurer's Report

Claims Presented		General Ledger Account No	September	October	TOTAL
Campbell Knutson - Legal		521000		170.50	170.50
Connexus - Rain Gauge		551100		20.65	20.65
Barr Engineering - Proj Rev Consultant		578050		1,370.50	1,370.50
Blue Thumb - 2016 Contribution		590000		250.00	250.00
City of Plymouth - EC Restoration Pmt #1		563004		122,112.84	122,112.84
U S Geological Survey - Stream Monitoring		551000		19,960.00	19,960.00
JASS					10,031.99
Administration		511000		6,483.16	
Annual Report		511000			
Website		581000		980.60	
Project Reviews		578100		1,610.17	
WCA		579000		74.70	
Plan Amendment		541500			
Education		590000		141.43	
Elm Creek TMDL		580800		30.97	
CIPs General		563001		429.97	
CIPs Medina Tower Drive		563002			
CIPs Champlin Mill Pond Dam		563003			
CIPs Plymouth EC Restoration		563004		280.99	
Grant Opportunities		511000			
TOTAL CLAIMS					153,916.48

**Elm Creek Watershed Management Commission
2016 Treasurer's Report
Capital Improvement Project Tracking**

CIPs		Amount	%age	TOTAL 2014	TOTAL 2015	JAN 2016	'FEB 2016	'MAR 2016	'APR 2016	'MAY 2016	'JUN 2016	'JUL 2016	'AUG 2016	'SEP 2016	'OCT 2016	TOTAL 2016	TOTAL ALL YEARS
	Ad Valorem 2014 - Medina Tower Drive	68,750	52.380														
	Revenue			-	68,916.44											-	68,916.44
	Expense			1,989.80	-											-	1,989.80
	Balance			(1,989.80)	68,916.44											-	66,926.64
	Ad Valorem 2014 - Champlin Mill Pond Dam	62,500	47.620														
	Revenue			-	62,653.69											-	62,653.69
	Expense			1,631.81	-											-	1,631.81
	Balance			(1,631.81)	62,653.69											-	61,021.88
	Ad Valorem 2015 - Plymouth Elm Creek Restoratio	250,000.00	100.000														
	Revenue				-							127,449.66				127,449.66	127,449.66
	Expense				2,606.17										280.99	280.99	2,887.16
	First Half Payment														122,112.84	122,112.84	122,112.84
	Balance				(2,606.17)							127,449.66			(122,393.83)	5,055.83	2,449.66
	Ad Valorem 2016 - Fox Creek Phase 2 Bank Stabili																
	Revenue				-											-	-
	Expense				-									106.32		106.32	106.32
	Balance				-							-	-	(106.32)		(106.32)	(106.32)
	Ad Valorem 2016 - Miss Rvr Shore Repair/Stabiliza																
	Revenue				-											-	-
	Expense				-									106.32		106.32	106.32
	Balance				-							-	-	(106.32)		(106.32)	(106.32)
	Ad Valorem 2016 - EC Dam at Mill Pond																
	Revenue				-											-	-
	Expense				-									106.32		106.32	106.32
	Balance				-							-	-	(106.32)		(106.32)	(106.32)
	Ad Valorem 2016 - Rush Creek Main Stem Restora																
	Revenue				-											-	-
	Expense				-									106.32		106.32	106.32
	Balance				-							-	-	(106.32)		(106.32)	(106.32)
	Ad Valorem 2016 - Fish Lake Alum Trmt Phase 1																
	Revenue				-											-	-
	Expense				-									106.32		106.32	106.32
	Balance				-							-	-	(106.32)	-	(106.32)	(106.32)
TOTAL CIP		131,250.00															
	Revenue			-	131,570.13	-	-	-	-	-	-	127,449.66	-	-	-	127,449.66	259,019.79
	Expense			3,621.61	2,606.17	-	-	-	-	-	-	-	-	531.60	280.99	812.59	7,040.37
	Balance			(3,621.61)	128,963.96	-	-	-	-	-	-	127,449.66	-	(531.60)	(122,393.83)	4,524.23	129,866.58

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

Elm Creek Watershed Management Commission
c/o Judie A. Anderson, Exec. Secty.
3235 Fernbrook Lane
Plymouth MN 55447

Page: 1
September 30, 2016
Account # 1448-000G
195

RE: GENERAL MATTERS
SERVICES RENDERED TO DATE:

			HOURS	
09/13/2016	JJJ	Emails Judie re: draft agreement with TRPD.	0.50	72.50
	JMO	Save cooperative agreement to our system and revise for Three Rivers Park District.	0.30	25.50
09/14/2016	JJJ	Review, revise and email Judie CIP Cooperative Agreement with TRPD.	0.50	72.50
		AMOUNT DUE	1.30	170.50
		TOTAL CURRENT WORK		170.50
		PREVIOUS BALANCE		\$145.00
06/13/2016		Payment - thank you		-145.00
		TOTAL AMOUNT DUE		<u>\$170.50</u>

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

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

Elm Creek Watershed Management Commission
c/o Judie A. Anderson, Exec. Secty.
3235 Fernbrook Lane
Plymouth MN 55447

Page: 1
September 30, 2016
Account # 1448G

SUMMARY STATEMENT

PREVIOUS BALANCE	FEES	EXPENSES	CREDITS	PAYMENTS	BALANCE
1448-000 RE: GENERAL MATTERS					
SERVICES RENDERED TO DATE:					
145.00	170.50	0.00	0.00	-145.00	<u>\$170.50</u>

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



Monthly Statement

Service Address

ELM CREEK RD
DAYTON MN

Billing Summary

Billing Date: Sep 16, 2016

Previous Balance	\$17.29
Payments - Thank You!	\$17.29
Balance Forward	\$0.00
New Charges	\$20.65

Total Amount Due **\$20.65**

Payment must be received on or before October 13, 2016

Account Number:

481113-238425

ELM CREEK WATERSHED MGMT ORG

Total Amount Due

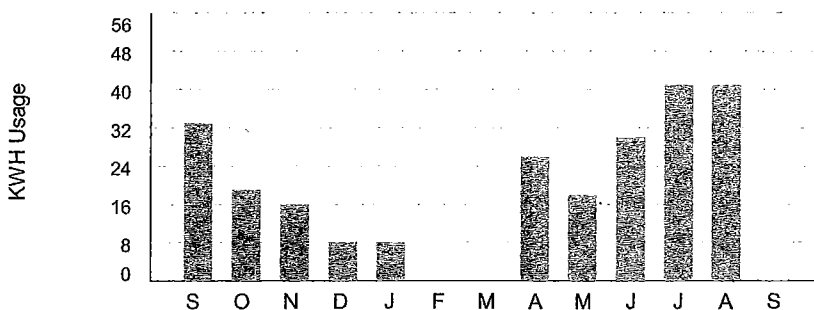
\$20.65

Due Date

October 13, 2016

Message Center

Energy Comparison Previous Months' Usage Current Month's Usage



How to contact us

Member Services / Moving - 763-323-2650
Outages and Emergencies - 763-323-2660
Hearing/Speech Impaired Call - 711 or 800-627-3529
Email: info@connexusenergy.com
www.connexusenergy.com
Gopher State One Call - 811
14601 Ramsey Boulevard, Ramsey, MN 55303

▼ Please detach at perforation and return this portion with a check or money order made payable to Connexus Energy ▼

TRA3-D-008724/001256 AGU21M S1-ET-M1-C00003 1



Account Number:

481113-238425

Total Amount Due

\$20.65

Payment Due By

October 13, 2016

008724 1 AB 0.396 000628/008724/001256 032 01 AGU21M
ELM CREEK WATERSHED MGMT ORG
3235 FERNBROOK LN N
PLYMOUTH MN 55447-5325



Connexus Energy
PO Box 1808
Minneapolis, MN 55480-1808

00002065 0004811130238425 000000 00000 000000000000 00000000



INVOICE

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

Ms. Judie Anderson
Elm Creek Watershed Management
JASS-Watershed Administrators
3235 Fernbrook Lane
Plymouth, MN 55447

September 28, 2016
Invoice No: 23270F55.03 - 77

Total this Invoice	\$1,370.50
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Regarding: Development Reviews

This invoice is for professional services related to Elm Creek Watershed Management Commission project reviews, which included the following tasks:

Task 162 – Elm Creek Meadows (2016-030)

- Project review and write-up
- Presentation at the August ECWMC meeting

Professional Services from August 06, 2016 to September 02, 2016

Job:	JOB3	Project Review
Task:	162	Elm Creek Meadows

Labor Charges

	Hours	Rate	Amount	
Engineer / Scientist / Specialist II				
Weiss, Jeffrey	9.90	125.00	1,237.50	
Support Personnel II				
Wiborg, Victoria	1.40	95.00	133.00	
	11.30		1,370.50	
Subtotal Labor				1,370.50
		Task Subtotal		\$1,370.50
		Job Subtotal		\$1,370.50
		Total this Invoice		\$1,370.50

Thank you in advance for your prompt processing of this invoice. If you have any questions, please contact your Barr Project Manager, Jeff Weiss
Phone: 952-832-2706 or E-Mail: jweiss@barr.com.

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

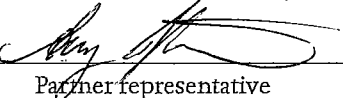
Terms: Due upon receipt. 1 1/2% per month after 30 days. Please refer to the contract if other terms apply.

Partner Information

Company/Organization Elm Creek Watershed Management Commission
Your Organization's Blue Thumb Contact's Name Amy Juntunen
Address 3235 Fernbrook Lane N City Plymouth
State MN Zip 55447 Phone 763-553-1144
Website www.shinglecreek.org
Email(s) of main contact(s) amy@JASS.biz

For All Blue Thumb Partners:

The below signatures indicate that Amy Juntunen has agreed to become (or continue as) a partner with the Blue Thumb—Planting for Clean Water® program in accordance with the terms described in this agreement.

By:  Date: 10/4/16
Partner representative

By: _____ Date: _____
Blue Thumb Representative

For Nurseries and Garden Centers, Installers & Designers Only:

Nurseries and garden centers selling native plants will be expected to supply and/or use native plants from local ecotype native plants. This means plant material propagated from original sources no farther than 200 miles (300 for trees and shrubs) from the projects.

The below signatures indicate that _____ has agreed to become a partner to the Blue Thumb—Planting for Clean Water® program in accordance with the terms described above.

By: _____ Date: _____
Partner representative

By: _____ Date: _____
Blue Thumb Representative

Please email or mail pages 6-9 of this partnership agreement:

Email: deborah@metroblooms.org
Metro Blooms, Attn: Deb Jopp
P.O. Box 17099
Minneapolis, MN 55417

UNITED STATES DEPARTMENT OF THE INTERIOR
DOWN PAYMENT (BILL) REQUEST

Make Remittance Payable To: U.S. Geological Survey
Billing Contact: Angela Hughes, Adm. Ops. Asst. Phone: 763-783-3123

Bill #: 90477894
Customer: 6000001534
Date: 09/26/2016
Due Date: 11/25/2016

Remit Payment To: United States Geological Survey
P.O. Box 71362
Philadelphia, PA 19176-1362

Payer: Elm Creek Conservation Mgmt. & PC
Judie Anderson
3235 Fernbrook Lane
Plymouth MN 55447

Additional forms of payment may be accepted. Please
email GS-A-HQ_RMS@USGS.GOV or call
703-648-7683 for additional information.

To pay through Pay.gov go to <https://www.pay.gov>.

Checks must be made payable to
U.S. Geological Survey. Please detach the top portion
or include bill number on all remittances.

Amount of Payment: \$ _____

Date	Description	Qty	Unit Price		Amount
			Cost	Per	
09/26/2016	Billing for the operation and maintenance of the gaging and water-quality station on Elm Creek. Billing for the period of October 1, 2015 through September 30, 2016. 16EMMNNQ0001400	1	19,960.00	1	19,960.00

Amount Due this Bill: 19,960.00

Accounting Classification:
Sales Order: 60957
Sales Office: GENQ
Customer: 6000001534
Accounting #: 10583971

TIN: *****6985

elm creek Watershed Management Commission

ADMINISTRATIVE OFFICE
3235 Fernbrook Lane
Plymouth, MN 55447
PH: 763.553.1144
FAX: 763.553.9326
email: judie@jass.biz
www.elmcreekwatershed.org

TECHNICAL OFFICE
Hennepin County DES
701 Fourth Ave S Suite 700
Minneapolis, MN 55415-1600
PH: 612.596.1171
FAX: 612.348.8532
email: Ali.Durgunoglu@co.hennepin.mn.us

September 20, 2016

James Stark, Director
U S Geological Survey
2280 Woodale Drive
Mounds View, MN 55112-4900

Re: Agreement No. 16EMMNNQ0001400

Dear Mr. Stark:

Enclosed is an executed copy of the cooperative agreement between the USGS and the Elm Creek Watershed Management Commission.

The agreement provides for the operation and maintenance of a gaging station and water quality sampling on Elm Creek near Champlin, MN. The agreement is in the amount of \$38,070, with the Commission's share being \$19,960, and extends through September 30, 2016.

Regards,



Judie A. Anderson
Administrator

JAA:tim
Encl.

Z:\Elm Creek\USGS\L_USGSAgreement_2015.docx



United States Department of the Interior

U.S. GEOLOGICAL SURVEY
Minnesota Water Science Center
2280 Woodale Drive
Mounds View, MN 55112

June 20, 2016

Judie Anderson
Elm Creek Conservation Management
3235 Fernbrook Lane
Plymouth, MN 55447

Dear Ms. Anderson,

Enclosed is the signed originals of our standard joint-funding agreement for the project(s) Minnesota Water Science Center Water Resources Investigations, during the period October 1, 2015 through September 30, 2016 in the amount of \$19,960 cash from your agency. U.S. Geological Survey contributions for this agreement are \$18,110 for a combined total of \$38,070. Please sign and return one fully-executed original to Lisa L. Syde-Hagen at the address above.

Federal law requires that we have a signed agreement before we start or continue work. Please return the signed agreement by **October 1, 2015**. If, for any reason, the agreement cannot be signed and returned by the date shown above, please contact James Fallon by phone number (763) 783-3255 or email jfallon@usgs.gov to make alternative arrangements.

This is a fixed cost agreement to be billed annually via Down Payment Request (automated Form DI-1040). Please allow 30-days from the end of the billing period for issuance of the bill. If you experience any problems with your invoice(s), please contact Angela Hughes at phone number (763) 783-3123 or email at amhughes@usgs.gov.

The results of all work performed under this agreement will be available for publication by the U.S. Geological Survey. We look forward to continuing this and future cooperative efforts in these mutually beneficial water resources studies.

Sincerely,

James Fallon
Acting for Center Director

Enc.: 16EMMNQ0001400

Form 9-1366
(April 2015)

U.S. Department of the Interior
U.S. Geological Survey
Joint Funding Agreement
FOR
Water Resource Investigations

Agreement#: 16EMMNQ0001400
Customer#: 6000001534
Project #: NQ009AF
TIN #: 41-1416985
USGS DUNS #: 091721100

Fixed Cost Agreement YES[X] NO[]

THIS AGREEMENT is entered into as of the October 1, 2015, by the U.S. GEOLOGICAL SURVEY, Minnesota Water Science Center, UNITED STATES DEPARTMENT OF THE INTERIOR, party of the first part, and the Elm Creek Conservation Management party of the second part.

1. The parties hereto agree that subject to the availability of appropriations and in accordance with their respective authorities there shall be maintained in cooperation Water Resource Investigations (per attachment), herein called the program. The USGS legal authority is 43 USC 36C; 43 USC 50, and 43 USC 50b.

2. The following amounts shall be contributed to cover all of the cost of the necessary field and analytical work directly related to this program. 2(b) Include In-Kind-Services in the amount of \$0.00

- (a) \$18,110 by the party of the first part during the period
October 1, 2015 to September 30, 2016
- (b) \$19,960 by the party of the second part during the period
October 1, 2015 to September 30, 2016
- (c) Contributions are provided by the party of the first part through other USGS regional or national programs, in the amount of :

Description of the USGS regional/national program:

- (d) Additional or reduced amounts by each party during the above period or succeeding periods as may be determined by mutual agreement and set forth in an exchange of letters between the parties
- (e) The performance period may be changed by mutual agreement and set forth in an exchange of letters between the parties.

3. The costs of this program may be paid by either party in conformity with the laws and regulations respectively governing each party.

4. The field and analytical work pertaining to this program shall be under the direction of or subject to periodic review by an authorized representative of the party of the first part.

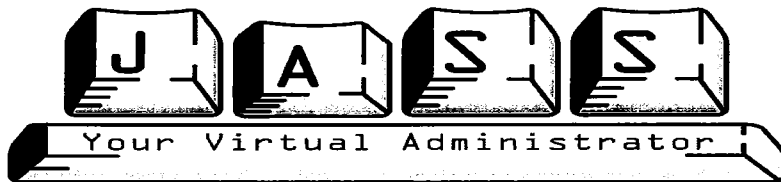
5. The areas to be included in the program shall be determined by mutual agreement between the parties hereto or their authorized representatives. The methods employed in the field and office shall be those adopted by the party of the first part to insure the required standards of accuracy subject to modification by mutual agreement.

6. During the course of this program, all field and analytical work of either party pertaining to this program shall be open to the inspection of the other party, and if the work is not being carried on in a mutually satisfactory manner, either party may terminate this agreement upon 60 days written notice to the other party.

7. The original records resulting from this program will be deposited in the office of origin of those records. Upon request, copies of the original records will be provided to the office of the other party.

8. The maps, records or reports resulting from this program shall be made available to the public as promptly as possible. The maps, records or reports normally will be published by the party of the first part. However, the party of the second part reserves the right to publish the results of this program and, if already published by the party of the first part shall, upon request; be furnished by the party of the first part; at cost, impressions suitable for purposes of reproduction similar to that for which the original copy was prepared. The maps, records or reports published by either party shall contain a statement of the cooperative relations between the parties.

9. USGS will issue billings utilizing Department of the Interior Bill for Collection (form DI-1040). Billing documents are to be rendered annually. Payments of bills are due within 60 days after the billing date. If not paid by the due date, interest will be charged at the current Treasury rate for each 30 day period, or portion thereof, that the payment is delayed beyond the due date. (31 USC 3717; Comptroller General File B-212222, August 23, 1983.).



3235 Fernbrook Lane
Plymouth MN 55447

Elm Creek Watershed Management Commission
3235 Fernbrook Lane
Plymouth, MN 55447

7-Oct-16

Total by
Project Area

Administrative	24.93	55.00	1,371.15	
Administrative	54.77	60.00	3,286.20	
Admin - Offsite	3.48	65.00	226.20	
Office Support	5.00	200.00	1,000.00	
Storage Unit	1.00	175.78	175.78	
Data Processing/File Mgmt	0.59	55.00	32.45	
Archiving		60.00	0.00	
Admin - Reimbursable Expense	391.38	1.00	391.38	6,483.160
Website	8.58	55.00	471.90	
Website	8.42	60.00	505.20	
Website - Reimbursable Expense	3.50	1.00	3.50	
Web Domain, hosting		1.00	0.00	980.600
Project Reviews - Secre	6.33	55.00	348.15	
Project Reviews - Admin	11.87	60.00	712.20	
Project Reviews - Admin - File Mgmt	0.50	55.00	27.50	
Project Reviews - Reimbursable Expense	522.32	1.00	522.32	1,610.170
WCA - Secre		55.00	0.00	
WCA - Admin	1.16	60.00	69.60	
WCA - Reimbursable Expense	5.10	1.00	5.10	74.700
Education - Secretarial		55.00	0.00	
Education - Admin		60.00	0.00	
Education - Admin Offsite		65.00	0.00	
Education - Reimbursable Expense	141.43	1.00	141.43	141.430
TMDL - Secretarial		55.00	0.00	
TMDL - Admin	0.50	60.00	30.00	
TMDL - Offsite Admin		65.00	0.00	
TMDL - Reimbursable Expense	0.97	1.00	0.97	30.970
CIPs - General - Secretarial	0.33	55.00	18.15	
CIPs - Administrative	2.93	60.00	175.80	
CIPs- Offsite Admin		65.00	0.00	
CIPs - reimbursables	236.02	1.00	236.02	429.970
CIPs - Plymouth Stream Restora Secretarial		45.00	0.00	
CIPs - Administrative	2.69	60.00	161.40	
CIPs- Offsite Admin		65.00	0.00	
CIPs - reimbursables	119.59	1.00	119.59	280.990

Invoice Total

10,031.990



Adding Quality to Life

October 5, 2016

Ms. Judie Anderson, JASS
Elm Creek Watershed Management Commission
3235 Fernbrook Lane North
Plymouth, MN 55447

SUBJECT: Elm Creek Stream Restoration Project
City Project No. 14006

Dear Ms. Anderson,

Enclosed/attached you will find photos, as-builts and payment documentation totaling \$483,617.21 for construction of the Elm Creek Stream Restoration Project in Plymouth. Per the "Cooperative Agreement for Plymouth Elm Creek Stream Restoration Project" between the City of Plymouth and the Elm Creek Watershed Management Commission, the City is requesting reimbursement of up to \$250,000 (less Commission expenses) for this project.

The City is grateful for the partnership with the Elm Creek Watershed Management Commission and looks forward to future endeavors.

Sincerely,

Derek Asche
Water Resources Manager

enc

October 12, 2016		
Total Levy Amount		\$250,000.00
First Half Levy		125,000.00
Less Expenses		
Legal Notice Public Meeting	1,293.72	
Legal Notice Public Hearing	204.15	
Administration	1,389.29	
		(2887.16)
Total First Half Payment		\$122,112.84



PAYMENT REQUEST FORM

OWNER: City of Plymouth
PROJECT: Elm Creek Stream Restoration and Water Quality Improvements City Project
No. 14006
CONTRACTOR: Minnesota Native Landscapes, Inc.

PAY ESTIMATE NO. 1

Original Contract Amount	\$ 588,720.00.....
Contract Changes approved to Date (List Change Order Numbers)	\$ 12,500.00 (FA1).....
	\$ 40,451.60 (FA2).....
Revised Contract Price	\$ 641,671.60.....
Work Completed to Date (attached)	\$ 146,951.00.....
Retainage to Date, 5%	\$ 7,347.55.....
Work Completed to Date Less Retainage to Date	\$ 139,603.45.....
Total Amount Previously Certified	\$ 0.00.....
Payment Request This Estimate	\$ 139,603.45.....

I declare under penalty of perjury that this account, claim, or demand is just and correct and that no part of it has been paid.


CONTRACTOR

CERTIFICATE OF CONTRACTOR

I hereby certify that the work and the materials supplied to date, as shown on the request for payment, represents the actual value of accomplishment under the terms of the contract dated

December 2, 2015 between the City of Plymouth (OWNER)

and Minnesota Native Landscapes, Inc. (CONTRACTOR) and all authorized changes thereto.

By

Title

Amy Schaffner

VP

Approval:

(CONTRACTOR)

Amy Schaffner

Date

2-9-16

WENCK ASSOCIATES, INC.

Ed Matthiesen

Date

2-11-16

Ed Matthiesen, P.E.

CITY OF PLYMOUTH

Date

END OF SECTION

CERTIFICATE OF CONTRACTOR

I hereby certify that the work and the materials supplied to date, as shown on the request for payment, represents the actual value of accomplishment under the terms of the contract dated

December 2, 2015 between the City of Plymouth (OWNER)

and Minnesota Native Landscapes, Inc. (CONTRACTOR) and all authorized changes thereto.

By

Title

Amy Schaffer
VP

Approval:

(CONTRACTOR)

Amy Schaffer

Date

2-9-16

WENCK ASSOCIATES, INC.

Ed Matthiesen

Ed Matthiesen, P.E.

Date

2-11-16

CITY OF PLYMOUTH

Date

END OF SECTION



Responsive partner. Exceptional outcomes.

Monthly Payment Estimate

Project Title: Elm Creek Stream Restoration and Water Quality Improvements
Client: City of Plymouth
Project Number: 1755-07
Project Manager: Lucius Jonett
Date: 1/8/2016

Pay Item No.	Nature of Work	Unit	1/8/16	2/1/16	6/1/16	7/1/16	To Date	Budget	Unit Bid	1/8/16	2/1/16	6/1/16	7/1/16	Budget	% Spent
1	Mobilization and Demobilization	LS	0.5					1	\$ 27,000.00	\$ 13,500.00	\$ -	\$ -	\$ -	\$ 27,000.00	50.0%
2	Invasive Species Management	AC	2.0					7.7	\$ 2,250.00	\$ 4,500.00	\$ -	\$ -	\$ -	\$ 2,250.00	26.0%
3	Tree Clearing & Harvesting	LS	0.3					1	\$ 20,000.00	\$ 20,000.00	\$ -	\$ -	\$ -	\$ 20,000.00	33.3%
4	Chip Onsite and Staged	LS						1	\$ 20,000.00	\$ -	\$ -	\$ -	\$ -	\$ 20,000.00	0.0%
5	Paul and Dispose Offsite All Uncollected Wood	LS						1	\$ 100.00	\$ -	\$ -	\$ -	\$ -	\$ 100.00	0.0%
6	Generator, Maintain, & Restore Site Access and Staging Areas	LS	0.5					1	\$ 15,000.00	\$ 7,500.00	\$ -	\$ -	\$ -	\$ 15,000.00	50.0%
7	Bank Revealing	LF	2075.0					3625	\$ 17.00	\$ 35,275.00	\$ -	\$ -	\$ -	\$ 35,275.00	57.2%
8	Non-Woven Ecb BiD-Mat 40	SY	3480.0					4350	\$ 5.50	\$ 19,140.00	\$ -	\$ -	\$ -	\$ 19,140.00	80.0%
9	Non-Woven Ecb Cat 3 Type Straw 25 (No Poly Netting)	SY	3480.0					9200	\$ 1.75	\$ 6,090.00	\$ -	\$ -	\$ -	\$ 6,090.00	37.8%
10	Foster Log	LF	622.0					1275	\$ 25.00	\$ 15,562.50	\$ -	\$ -	\$ -	\$ 15,562.50	48.8%
11	Cross Log	EA	94.0					193	\$ 210.00	\$ 19,740.00	\$ -	\$ -	\$ -	\$ 19,740.00	48.7%
12	Seeding Log	EA						10	\$ 550.00	\$ -	\$ -	\$ -	\$ -	\$ 5,500.00	0.0%
13	Silt Fence	EA						10	\$ 300.00	\$ -	\$ -	\$ -	\$ -	\$ 3,000.00	0.0%
14	Silt Fence Type MS - Maintained	LF	30.0					750	\$ 3.00	\$ 300.00	\$ -	\$ -	\$ -	\$ 300.00	6.0%
15	Flotation Silt Curtain Type Moving Water - Maintained	LF						500	\$ 10.00	\$ 5,000.00	\$ -	\$ -	\$ -	\$ 5,000.00	0.0%
16	Spilliment Control Log Type Straw (Or Biocorr) - Maintained	EA						400	\$ 2.50	\$ 1,000.00	\$ -	\$ -	\$ -	\$ 1,000.00	0.0%
17	Inlet Protection - Maintained	EA	1.0					8	\$ 200.00	\$ 200.00	\$ -	\$ -	\$ -	\$ 200.00	12.5%
18	Temporary Construction Entrance - Maintained	EA	1.0					3	\$ 1,500.00	\$ 1,500.00	\$ -	\$ -	\$ -	\$ 1,500.00	33.3%
19	Street Sweeper (With Pickup Broom)	HR	10.0					40	\$ 50.00	\$ 500.00	\$ -	\$ -	\$ -	\$ 500.00	25.0%
20	Temporary Sedimentation Basin - Maintained	LS	0.8					1	\$ 1,000.00	\$ 800.00	\$ -	\$ -	\$ -	\$ 800.00	80.0%
21	Cross Yank (No Limestone)	TON						300	\$ 95.00	\$ -	\$ -	\$ -	\$ -	\$ 28,500.00	0.0%
22	Class II Riprap Spillway (No Limestone)	TON						26	\$ 75.00	\$ -	\$ -	\$ -	\$ -	\$ 1,950.00	0.0%
23	Class III Riprap at FES (No Limestone)	TON						24	\$ 75.00	\$ -	\$ -	\$ -	\$ -	\$ 1,800.00	0.0%
24	MIN DOT Type V, Non-Woven Geotextile Fabric	SY						5	\$ 250.00	\$ -	\$ -	\$ -	\$ -	\$ 1,250.00	0.0%
25	24" to 36" Fieldstone Cover Boulders	EA						250	\$ 20.00	\$ -	\$ -	\$ -	\$ -	\$ 5,000.00	0.0%
26	Common Excavation - On-site (EV)	CY						300	\$ 350.00	\$ -	\$ -	\$ -	\$ -	\$ 105,000.00	0.0%
27	Iron Enhanced Sand Filter	LF						100	\$ 25.00	\$ -	\$ -	\$ -	\$ -	\$ 2,500.00	0.0%
28	6" Solid PVC Pipe	LF						1	\$ 500.00	\$ -	\$ -	\$ -	\$ -	\$ 500.00	0.0%
29	NURP Pond #1 Barbed Weir Modification	LS						1	\$ 500.00	\$ -	\$ -	\$ -	\$ -	\$ 500.00	0.0%
30	NURP Pond #2 Outlet Structure Modification	LS						1	\$ 750.00	\$ -	\$ -	\$ -	\$ -	\$ 750.00	0.0%
31	Dewatering NURP Pond #1	LS						1	\$ 750.00	\$ -	\$ -	\$ -	\$ -	\$ 750.00	0.0%
32	Dewatering NURP Pond #2	LS						1	\$ 750.00	\$ -	\$ -	\$ -	\$ -	\$ 750.00	0.0%
33	Seeding	AC	1.0					8.7	\$ 1,500.00	\$ 13,050.00	\$ -	\$ -	\$ -	\$ 13,050.00	11.5%
34	Native Seed Mix	LB	107.0					930	\$ 8.00	\$ 8,560.00	\$ -	\$ -	\$ -	\$ 8,560.00	11.5%
35	Hydraulic Matrix, Type Bonded Fiber Matrix (BFM)	LB						14000	\$ 2.00	\$ -	\$ -	\$ -	\$ -	\$ 28,000.00	0.0%
36	Vegetation Establishment and Maintenance	LS						1	\$ 50,000.00	\$ -	\$ -	\$ -	\$ -	\$ 50,000.00	0.0%
										\$ 146,951.00					25.0%
										\$ 588,720.00					

Field Add'l's	Unit Qty	Unit Bid	Total
FA01-01 Construction Schedule Revision	LS	\$ -	\$ -
FA01-02 Alternate Site Access	LS	\$ -	\$ -
FA01-03 Modified Iron Filter Dimensions	LS	\$ 12,500.00	\$ -
FA02-01 Additional Woven ECB, Rolante BioD-Mat 40	SY	\$ 5.50	\$ -
FA03-01 Add'l Bank Revealing	LF	\$ 17.00	\$ -
FA03-02 Add'l Woven ECB, Rolante BioD-Mat 40	SY	\$ 5.50	\$ -
FA03-03 Add'l Non-Woven ECB Cat 3 Type Straw 25 (No Poly Netting)	SY	\$ 1.75	\$ -
FA03-04 Add'l Foster Log	LF	\$ 25.00	\$ -
FA03-05 Add'l Cross Yank	EA	\$ 210.00	\$ -
FA03-06 Add'l Class III Riprap	TON	\$ 75.00	\$ -
FA03-07 Add'l Seeding	AC	\$ 8.7	\$ -
FA03-08 Add'l Native Seed Mix	LB	\$ 8.00	\$ -
			Project Total: \$ 588,720.00

CM 1002 (Revised 1/03)
TW1755 Plymouth07 Elm Creek Stream Restoration03 - Construction Observation\Pay Request\Pay App 1 2016-01-xx\CM1002 Monthly Payment Estimate 2016-01-08.xlsx

PAYMENT REQUEST FORM

OWNER: City of Plymouth
PROJECT: Elm Creek Stream Restoration and Water Quality Improvements City Project
No. 14006
CONTRACTOR: Minnesota Native Landscapes, Inc.

PAY ESTIMATE NO. 2

Original Contract Amount	\$ 588,720.00
Contract Changes approved to Date (List Change Order Numbers)	\$ 12,500.00 (FA1)
	\$ 40,451.60 (FA2)
Revised Contract Price	\$ 641,671.60
Work Completed to Date (attached)	\$ 509,070.75
Retainage to Date, 5%	\$ 25,453.54
Work Completed to Date Less Retainage to Date	\$ 483,617.21
Total Amount Previously Certified	\$ 139,603.45
Payment Request This Estimate	\$ 344,013.76

I declare under penalty of perjury that this account, claim, or demand is just and correct and that no part of it has been paid.


CONTRACTOR

CERTIFICATE OF CONTRACTOR

I hereby certify that the work and the materials supplied to date, as shown on the request for payment, represents the actual value of accomplishment under the terms of the contract dated

February 5, 2016 between the City of Plymouth (OWNER)

and Minnesota Native Landscapes, Inc. (CONTRACTOR) and all authorized changes thereto.

By

Amy Schaffer

Title

VP

Approval:

(CONTRACTOR)

Amy Schaffer

Date

2-9-16

WENCK ASSOCIATES, INC.

Lucius J. Joch

Date

2-5-2016

Ed Matthiesen, P.E. c/o
Lucius Joch, P.L.A.

CITY OF PLYMOUTH

Date

END OF SECTION



Responsible partner. Exceptional outcomes.

Monthly Payment Estimate

Project Title: Elm Creek Stream Restoration and Water Quality Improvements
Client: City of Plymouth
Project Number: 1756-07
Project Manager: Curtis Tonett
Date: 2/5/2013

Pay Item No.	Nature of Work	Unit	Quantity			To Date	Budget	Unit Bid	Earnings			To Date	Budget	% Spent
			1/8/16	7/1/16	6/1/16				1/8/16	2/1/16	6/1/16			
1	Mobilization and Demobilization	LS	0.5	0.4		0.9	1	\$ 27,000.00	\$ 13,500.00	\$ 10,800.00	\$ -	\$ 24,300.00	\$ 27,000.00	90.0%
2	Temporary Site Office	AC	2.0	2.0		4.0	7.7	\$ 2,250.00	\$ 4,500.00	\$ 4,500.00	\$ -	\$ 9,000.00	\$ 17,325.00	51.9%
3	Tree Clearing & Harvesting	LS	0.5	0.7		1.2	1	\$ 60,000.00	\$ 20,000.00	\$ 40,000.00	\$ -	\$ 60,000.00	\$ 60,000.00	100.0%
4	Chip Onsite and Spread Woodchips on Existing Trails	LS	0.5	0.7		1.2	1	\$ 20,000.00	\$ -	\$ 14,000.00	\$ -	\$ 14,000.00	\$ 20,000.00	70.0%
5	Haul and Dispose Offsite All Unchipped Wood	LS	1.0	1.0		2.0	1	\$ 15,000.00	\$ 7,500.00	\$ 14,000.00	\$ -	\$ 14,000.00	\$ 15,000.00	100.0%
6	Construct, Maintain, & Restore Site Access and Stealing Areas	LS	0.5	1.0		1.5	1	\$ 15,000.00	\$ 7,500.00	\$ 14,000.00	\$ -	\$ 14,000.00	\$ 15,000.00	100.0%
7	Bank Resloping	LF	2075.0	1530.0		3,605.0	3625	\$ 17.00	\$ 35,725.00	\$ 26,350.00	\$ -	\$ 62,075.00	\$ 62,075.00	100.0%
8	Woven ECB, Rolanka Bio-Mat 40	SY	3480.0	870.0		4,350.0	4350	\$ 5.50	\$ 19,140.00	\$ 24,785.00	\$ -	\$ 43,925.00	\$ 43,925.00	100.0%
9	Non-Woven ECB Cat 3 Type Straw 25 (No Poly Netting)	SY	3480.0	5405.0		8,885.0	9200	\$ 1.75	\$ 15,550.00	\$ 9,458.75	\$ -	\$ 25,008.75	\$ 25,008.75	96.6%
10	Cedar Log	LF	622.0	653.0		1,275.0	1275	\$ 25.00	\$ 31,875.00	\$ 31,875.00	\$ -	\$ 63,750.00	\$ 63,750.00	100.0%
11	Seeding Log	EA	94.0	94.0		188.0	188	\$ 210.00	\$ 39,480.00	\$ 39,480.00	\$ -	\$ 78,960.00	\$ 78,960.00	100.0%
12	Nursery Log	EA	5.0	10.0		15.0	15	\$ 550.00	\$ 2,750.00	\$ 2,750.00	\$ -	\$ 5,500.00	\$ 5,500.00	100.0%
13	Seeding Log	EA	10.0	10.0		20.0	20	\$ 300.00	\$ 6,000.00	\$ 6,000.00	\$ -	\$ 12,000.00	\$ 12,000.00	100.0%
14	Silt Fence, Type MS - Maintained	LF	30.0			30.0	400	\$ 2.50	\$ 750.00	\$ -	\$ -	\$ 750.00	\$ 750.00	100.0%
15	Flotation Silt Curtain Type Mono Water - Maintained	LF	1.0			1.0	8	\$ 200.00	\$ 200.00	\$ -	\$ -	\$ 200.00	\$ 200.00	100.0%
16	Sediment Control Log Type Straw (Or Biopill) - Maintained	EA	1.0			1.0	8	\$ 200.00	\$ 200.00	\$ -	\$ -	\$ 200.00	\$ 200.00	100.0%
17	Net Protection - Maintained	LF	1.0			1.0	8	\$ 200.00	\$ 200.00	\$ -	\$ -	\$ 200.00	\$ 200.00	100.0%
18	Temporary Construction Entrance - Maintained	EA	1.0			1.0	8	\$ 200.00	\$ 200.00	\$ -	\$ -	\$ 200.00	\$ 200.00	100.0%
19	Street Sweeper (With Pickup Broom)	HR	10.0	1.0		11.0	40	\$ 50.00	\$ 550.00	\$ 1,500.00	\$ -	\$ 3,050.00	\$ 3,050.00	66.7%
20	Temporary Sedimentation Basin - Maintained	TON	0.8			0.8	1	\$ 1,000.00	\$ 800.00	\$ -	\$ -	\$ 800.00	\$ 1,000.00	80.0%
21	Class II Riprap (No Limestone)	TON	295.0	295.0		590.0	300	\$ 95.00	\$ 56,050.00	\$ 28,120.00	\$ -	\$ 84,170.00	\$ 84,170.00	98.7%
22	Class II Riprap (No Limestone)	TON	20.0	20.0		40.0	25	\$ 75.00	\$ 3,000.00	\$ 1,800.00	\$ -	\$ 4,800.00	\$ 4,800.00	76.9%
23	Class III Riprap at P&S (No Limestone)	TON	24.0	24.0		48.0	24	\$ 75.00	\$ 1,800.00	\$ 1,800.00	\$ -	\$ 3,600.00	\$ 3,600.00	100.0%
24	MIN DOT Type V, Non-Woven Geotextile Fabric	SY	600.0	600.0		1200.0	600	\$ 4.00	\$ 2,400.00	\$ 2,400.00	\$ -	\$ 4,800.00	\$ 4,800.00	100.0%
25	24" to 36" Fieldstone Cover Boulders	EA	5.0	5.0		10.0	5	\$ 250.00	\$ 1,250.00	\$ 1,250.00	\$ -	\$ 2,500.00	\$ 2,500.00	100.0%
26	Common Excavation - On-Site (EV)	CY	250.0	250.0		500.0	250	\$ 20.00	\$ 5,000.00	\$ 5,000.00	\$ -	\$ 10,000.00	\$ 10,000.00	100.0%
27	Iron Enhanced Sand Filter	LF	300.0	300.0		600.0	300	\$ 350.00	\$ 105,000.00	\$ 105,000.00	\$ -	\$ 210,000.00	\$ 210,000.00	100.0%
28	6" Solid PVC Pipe	LF	135.0	135.0		270.0	100	\$ 25.00	\$ 6,750.00	\$ 6,750.00	\$ -	\$ 13,500.00	\$ 13,500.00	100.0%
29	NURP Pond #1 Ballied Well Modification	LS	1.0	1.0		2.0	1	\$ 500.00	\$ 500.00	\$ 500.00	\$ -	\$ 1,000.00	\$ 1,000.00	100.0%
30	NURP Pond #2 Outlet Structure Modification	LS	1.0	1.0		2.0	1	\$ 500.00	\$ 500.00	\$ 500.00	\$ -	\$ 1,000.00	\$ 1,000.00	100.0%
31	Devolting NURP Pond #1	LS	1.0	1.0		2.0	1	\$ 500.00	\$ 500.00	\$ 500.00	\$ -	\$ 1,000.00	\$ 1,000.00	100.0%
32	Devolting NURP Pond #2	LS	1.0	1.0		2.0	1	\$ 500.00	\$ 500.00	\$ 500.00	\$ -	\$ 1,000.00	\$ 1,000.00	100.0%
33	Seeding Seed Mix	AC	1.00	1.00		2.00	8.7	\$ 750.00	\$ 1,500.00	\$ 1,500.00	\$ -	\$ 3,000.00	\$ 3,000.00	23.0%
34	Hydric Matrix, Type Bonded Fiber Matrix (BFM)	LB	107.0	107.0		214.0	930	\$ 8.00	\$ 1,712.00	\$ 1,712.00	\$ -	\$ 3,424.00	\$ 3,424.00	23.0%
35	Vegetation Establishment and Maintenance	LS					14000	\$ 2.00	\$ 28,000.00	\$ -	\$ -	\$ 28,000.00	\$ 28,000.00	0.0%
36		LS					1	\$ 50,000.00	\$ 50,000.00	\$ -	\$ -	\$ 50,000.00	\$ 50,000.00	0.0%
Total														
Field Add's									\$ 146,951.00 \$ 308,159.75 \$ - \$ - \$ - \$ -					
FA01-01	Construction Schedule Revision	LS					1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
FA01-02	Alternate Site Access	LS					1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
FA01-03	Modified Iron Filter Dimensions	LS	1.0			1.0	1	\$ 12,500.00	\$ -	\$ 12,500.00	\$ -	\$ 12,500.00	\$ 12,500.00	100.0%
FA02-01	Additional Woven ECB, Rolanka Bio-Mat 40	SY					2500	\$ 5.50	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
FA03-01	Add Bank Resloping	LF					620	\$ 17.00	\$ -	\$ 10,540.00	\$ -	\$ 10,540.00	\$ 10,540.00	100.0%
FA03-02	Add Woven ECB, Rolanka Bio-Mat 40	SY					3600	\$ 5.50	\$ -	\$ 19,800.00	\$ -	\$ 19,800.00	\$ 19,800.00	100.0%
FA03-03	Add Non-Woven ECB Cat 3 Type Straw 25 (No Poly Netting)	SY					1100	\$ 1.75	\$ -	\$ 1,925.00	\$ -	\$ 1,925.00	\$ 1,925.00	100.0%
FA03-04	Add Cedar Log	LF					110	\$ 25.00	\$ -	\$ 2,750.00	\$ -	\$ 2,750.00	\$ 2,750.00	100.0%
FA03-05	Add Class III Riprap	TON					220	\$ 210.00	\$ -	\$ 46,200.00	\$ -	\$ 46,200.00	\$ 46,200.00	100.0%
FA03-06	Add Seeding	AC					16.0	\$ 75.00	\$ -	\$ 1,200.00	\$ -	\$ 1,200.00	\$ 1,200.00	100.0%
FA03-07	Add Native Seed Mix	LS					0.03	\$ 1,500.00	\$ -	\$ 45.00	\$ -	\$ 45.00	\$ 45.00	100.0%
FA03-08		LS					2.7	\$ 8.00	\$ -	\$ 21.60	\$ -	\$ 21.60	\$ 21.60	100.0%
Total									\$ 146,951.00 \$ 320,659.75 \$ - \$ - \$ - \$ -					
Project Total:									\$ 509,070.75 \$ 641,671.60					

CM 1002 (Revised 1/03)
T11756 Plymouth07 Elm Creek Stream Restoration03 - Construction Observation03 Monthly Payment Estimate

Elm Creek Watershed Management Commission
2016 Treasurer's Report
Capital Improvement Project Tracking

CIPs	Amount	%age	TOTAL 2014	TOTAL 2015	JAN 2016	FEB 2016	MAR 2016	APR 2016	MAY 2016	JUN 2016	JUL 2016	AUG 2016	SEP 2016	OCT 2016	TOTAL 2016	TOTAL ALL YEARS
Ad Valorem 2014 - Medina Tower Drive	68,750	52.380														
Revenue			-	68,916.44												68,916.44
Expense			1,989.80	-												1,989.80
Balance			(1,989.80)	68,916.44												66,926.64
Ad Valorem 2014 - Champlin Mill Pond Dam	62,500	47.620														
Revenue			-	62,653.69												62,653.69
Expense			1,631.81	-												1,631.81
Balance			(1,631.81)	62,653.69												61,021.88
Ad Valorem 2015 - Plymouth Elm Creek Restoratio	250,000.00	100.000														
Revenue			-	-							127,449.66				127,449.66	127,449.66
Expense				2,606.17										280.99	280.99	2,887.16
First Half Payment														122,112.84	122,112.84	122,112.84
Balance				(2,606.17)							127,449.66			(122,393.83)	5,055.83	2,449.66
Ad Valorem 2016 - Fox Creek Phase 2 Bank Stabl																
Revenue																
Expense				-											106.32	-
Balance				-											(106.32)	106.32
Ad Valorem 2016 - Miss Rvr Shore Repair/Stabiliz																
Revenue				-												
Expense				-											106.32	(106.32)
Balance				-												
Ad Valorem 2016 - EC Dam at Mill Pond																
Revenue				-												
Expense				-											106.32	-
Balance				-											(106.32)	106.32
Ad Valorem 2016 - Rush Creek Main Stem Restor																
Revenue				-												
Expense				-											106.32	-
Balance				-											(106.32)	106.32
Ad Valorem 2016 - Fish Lake Alum Trmt Phase 1																
Revenue				-												
Expense				-											106.32	-
Balance				-											(106.32)	106.32
TOTAL CIP	131,250.00															
Revenue			-	131,570.13							127,449.66				127,449.66	259,019.79
Expense			3,621.61	2,606.17										531.60	812.59	7,040.37
Balance			(3,621.61)	128,963.96							127,449.66			(122,393.83)	4,524.23	129,856.58

elm creek Watershed Management Commission

ADMINISTRATIVE OFFICE
3235 Fernbrook Lane
Plymouth, MN 55447
PH: 763.553.1144
FAX: 763.553.9326
Email: judie@jass.biz

TECHNICAL OFFICE
Hennepin County E&E
701 Fourth Avenue South, Suite 700
Minneapolis, MN 55415-1600
PH: 612.348-7338
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Email: james.kujawa@hennepin.us

Park Place Storage Site Plan *Corcoran, Project #2016-004*

Project Overview: Park Place Storage is proposing to develop a 21-acre site in the southwest portion of City of Corcoran into a multi-unit storage facility with associated access roads, utilities, and stormwater features. This will be an addition to the existing storage facility located west of the proposed project. A wetland replacement plan for this site was approved by the Commission at their July 2016 meeting. This review is for the site plan's conformance to the Commission's stormwater, grading and erosion control requirements.

Applicant: Paul Jorgensen, P.O. Box 326, County Road 19, Corcoran, MN 55357. Phone: 612-670-3077. Email: paulj@parkplacestorage.net

Agent/Engineer: Landform, Reid Schulz, 105 South Fifth Avenue, Suite 513, Minneapolis, MN 55401. Phone: 612-252-9070. Email: rschulz@landform.net

Exhibits:

- 1) ECWMC Request for Plan Review and Approval for Park Place Storage site and wetland replacement plan. Received February 9, 2016.
- 2) ECWMC project 2016-003W, Park Place Storage Wetland Replacement Plan project file, findings (dated July 7, 2016) and Commission actions (minutes from July 8, 2016 Commission meeting)
- 3) MN Statute 15.99 extensions to December 7, 2016.
- 4) Park Place Stormwater Management Plan design, by Landform, dated September 29, 2016.
- 5) Park Place site plans, Final Plat Submittal, dated September 15, 2016, received September 29, 2016.

Findings:

- 1) The original application was received February 9, 2016. Subsequent layout and plan revisions have resulted in staff and landowner decisions to extend the review deadline to December 7, 2016 (per MN Statute 15.99).
- 2) This site drains south through a series of wetlands and depressions before reaching Loretto Creek, which drains to Lake Sarah. Water from this site travels approximately 2.6 miles before reaching Lake Sarah.

CHAMPLIN • CORCORAN • DAYTON • MAPLE GROVE • MEDINA • PLYMOUTH • ROGERS

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- 3) At their July meeting, the Commission approved the wetland replacement plan (pending escrow and bank account withdrawals).
 - a. 0.24 acres of impacts
 - b. 0.48 acres of mitigation
 - i. 0.24 acres from bank account #1560 in Plymouth
 - ii. 0.24 acres from bank account #1183 in Stearns County.
- 4) Eleven (11) new storage buildings totaling 213,540 sq. ft. (4.9 ac.) are proposed in four phases of construction.
- 5) Stormwater management is proposed through the expansion of two existing ponds, adding filtration bench on the lower pond, creating one new NURP pond and two slender detention basins on the east side.
 - a. Final drainage tile pipe details, elevations and connections to the outlet control structures must be provided for final review and approval.
- 6) Project Site Area = 20.9 acres
- 7) Net new impervious = 10.7 acres
- 8) Proposed rate controls meet the Commission standards as follow;

	2-Year (2.86") Runoff Rate (cfs)	10-Year (4.24") Runoff Rate (cfs)	100-year (7.19") Runoff Rate (cfs)
Pre-Development	13.4	37.0	137.3
South	3.1	16.1	90.1
NW	6.3	11.9	24.4
East	4.0	9.4	22.8
Post-Development	11.7	22.5	62.4
South	2.9	5.7	28.1
NW	6.4	11.8	24.0
East	2.4	5.0	10.3

- 9) Abstraction requirements will be 42,700 cubic feet. True abstraction is not possible due to wet clay soils on the site. Abstraction is proposed by enlarging the existing two stormwater ponds and adding a 15' filtration shelf on the lower pond.
- 10) The following is a summary of the water quality and filtration/abstraction components of the stormwater management for this site plan;

Condition (based on 33.2 acres)	TP Load (lbs/yr)	TSS Load (lbs/yr)	Filtration (cu. ft.)
Pre-development (baseline)	25.7	9410	-
Post-development without BMPs	108.8	17512	
Post-development with BMPs	24.1	2282	41,472
Net Change	-1.6	-7128	N/A

- 11) Wetland buffers meet the Commissions requirements.
 - a. Where grading occurs in wetland buffers, they are being graded at 6:1 or flatter.
 - b. All buffer areas are 25 feet average with 10 foot minimum.
 - c. Total buffer required is 90,600 sq. ft.
 - d. Total buffer area provided will be 90,800 sq. ft.
- 12) An outlet pipe between wetland 7 and 8 will be necessary.
- 13) All stormwater ponds and basins must have a long term operation and maintenance plan. If the City of Corcoran does not agree to the operation and maintenance, an agreement between the City and landowner must identify how the O&M will be implemented and who will pay for it. This agreement and O&M agreement must be recorded on the land title. The Commission must be provided a copy of the recorded document.
- 14) Erosion and sediment control plans need the following information.
 - a. Temporary sediment control pipes must be shown for the ponding areas utilizes as temporary sediment control on the erosion and sediment control (E&SC) site plans.

Recommendation:

Approval contingent upon.

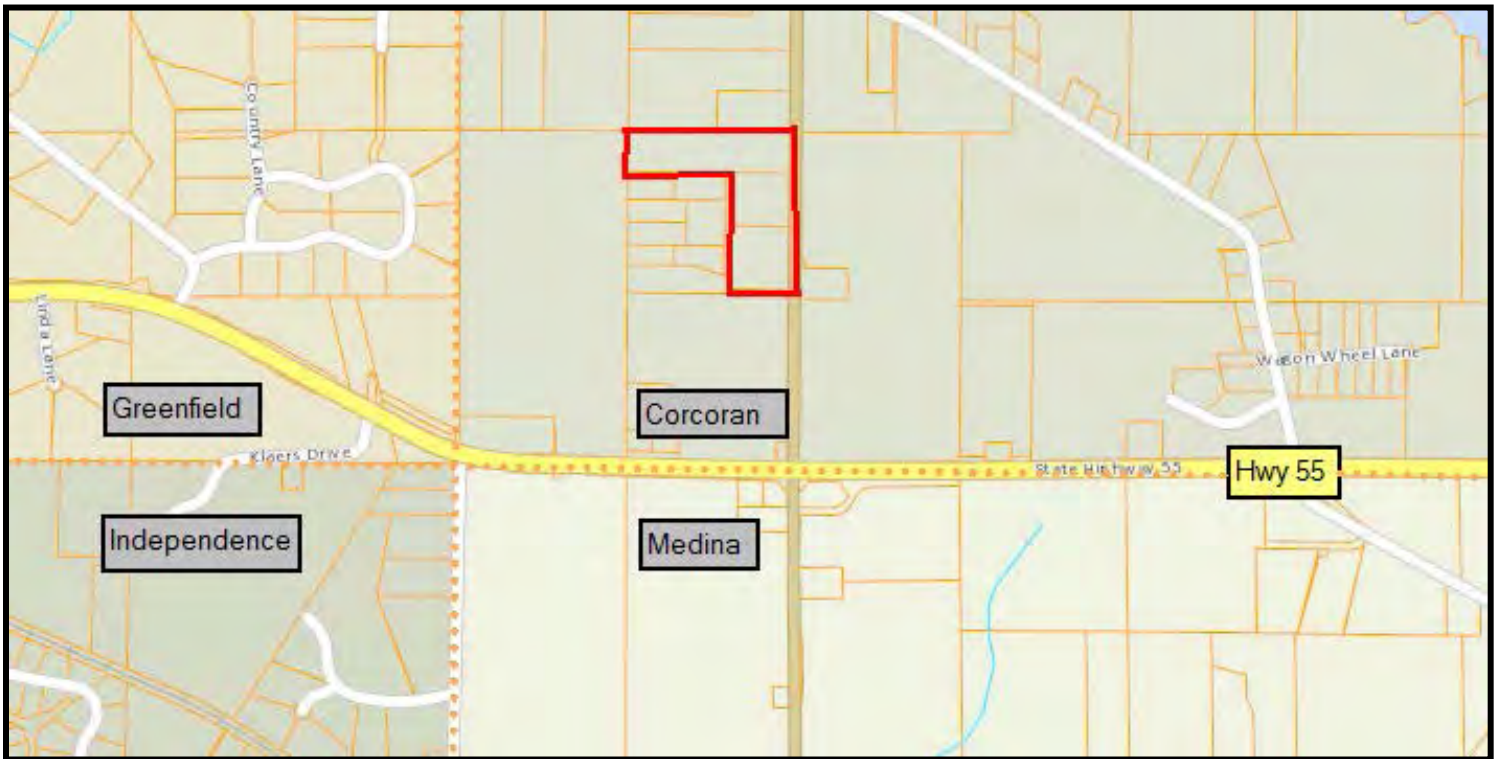
- 1) Prior to any grading the Commission must receive either;
 - a. A BWSR certification of wetland banking withdrawals for 0.24 acres from bank account #1560 and 0.24 acres from bank account #1183, or
 - b. A wetland replacement plan escrow for \$45,000, which will be released upon providing the information from item 1a.
- 2) An operation and maintenance agreement, acceptable to the City of Corcoran and the Commission must be provided for review and approval to the Commission. The O&M agreements must be recorded on the land title with a copy of the recorded document provided to the Commission.
- 3) Final drainage tile pipe details, elevations and connections to the outlet control structures must be provided for final review and approval.
- 4) Final erosion and sediment control plans must be approved by Commission staff.

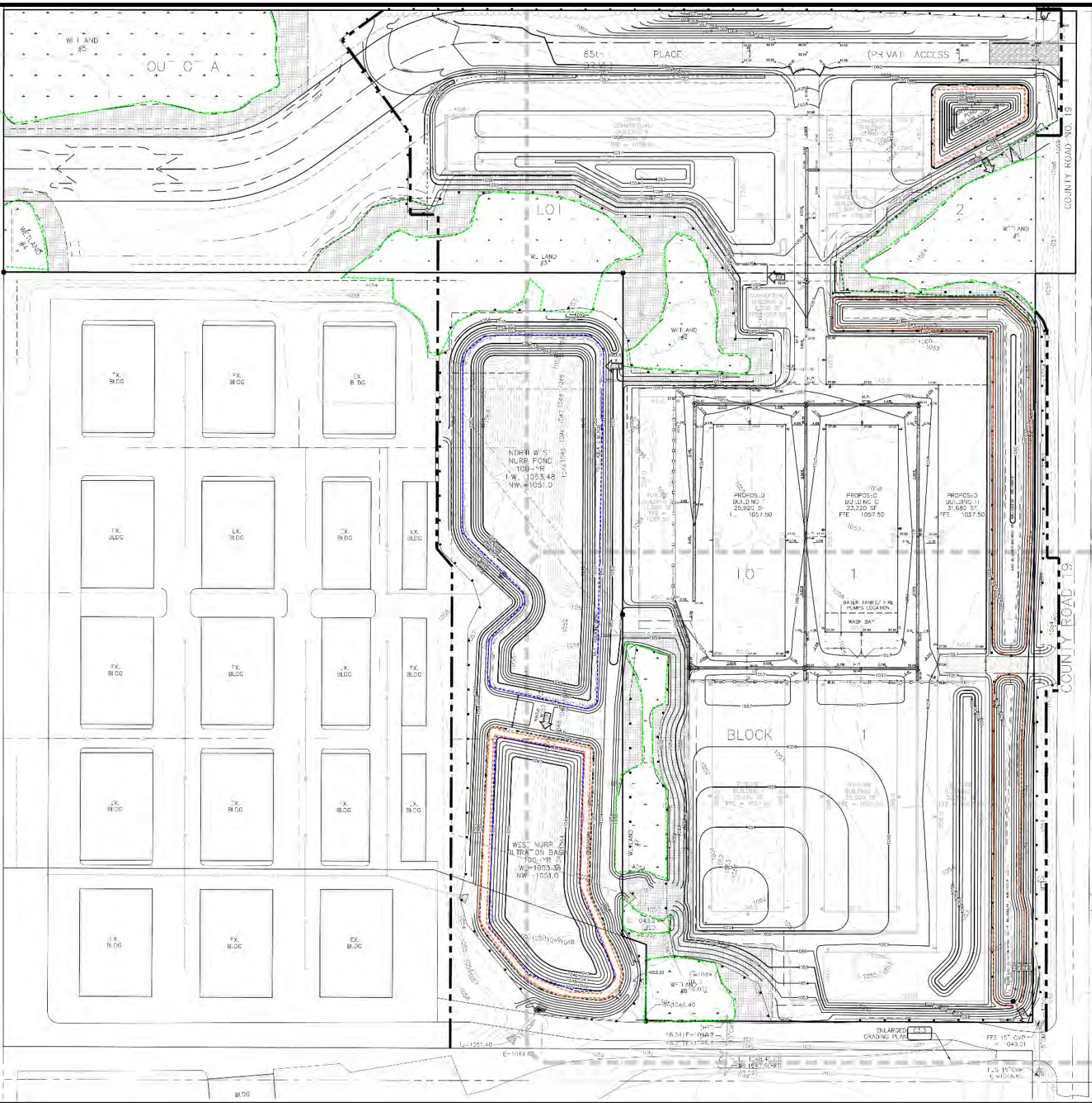
Hennepin County
Department of Environment and Energy



James C. Kujawa
Advisor to the Commission

October 11, 2016
Date





Memorandum

To: Jim Stremel, P.E., City Engineer
Dusty Finke, City of Medina
Bruno Silikowski, AutoMotorPlex, North America
Earth Evans, P.E., WSB
Richard Koppy, EVS, Inc.
Joseph Larson, P.E., EVS, Inc.
Judie Anderson, JASS

From: Ali Durgunoglu, P.E., Ph.D.
Technical Advisor to Elm Creek WMC
612-596-1171

Date: October 10, 2016

Re: AutoMotorPlex, Medina
Elm Creek WMC Project 2016-038

Elm Creek WMC has completed the preliminary review of the stormwater management and grading plans for AutoMotorPlex in Medina. The plans reviewed have the revision date of October 3, 2016.

The plans were reviewed for conformance with the ECMMC's Rules & Standards (Appendix O).

1. The inlet pipes to Basin 101 (FESs 100, 139, 140 and 157) must not discharge into the filtering areas. Please adjust the grading and show details.
2. For the proposed high volume filtration system in basin 101, there should be two drain tiles running parallel as a redundancy, in case one line gets plugged up.
3. The drain tiles for basin 101 daylight into the STMH 170. The drain tiles are long and have a very flat slope. That may pose maintenance problems. Making at least the last 50 feet, or so, of the drain tile steeper may help out flushing and sediments out of the system.
4. The proposed filter bench slopes in basin 101 are 10:1. Is this modeled as such in HydroCad? It is preferred to have the filter bench slopes 15:1 or flatter.
5. The proximity of the wetland outlet pipe to the filtration bench (FES 179 to STMH 178) and to the drain tiles poses a potential problem. The drain tiles and the wetland outlet pipe will be almost at the same elevation, and there will be minimal horizontal separation between the discharge pipe and the drain tiles. The distance between the filter benches is 10 feet. The outlet pipe runs through the middle of that space.
6. Based on the detail 7/C606 Basin 102P cross section, the upstream invert of the drain tile appears to be at about 995'. The daylight invert of the drain tile in OCS 172 is at 995.67'. The tile has a negative slope and will not work properly. Please revise and show the drain tile inverts on the plans.
7. Two SAFL Baffles are proposed for the small southeast basin 102P. Those structures would be adequate for pretreatment for this basin because of the smaller drainage area (about 1.66

acres). SAFL baffles or other type of dynamic separators are not acceptable for the other pond inlet points because of the large volume of impervious runoff leading to those inlets.

8. All the pond and filtration system maintenance access paths and easements must be shown clearly on the plat.
9. The grading and storm sewer plans must show the temporary outlet structures to be used for the basins. The plans must refer to the detail 1/C606 for the type of temporary outlet structure to be used for the particular basin outlet.
10. All wetland buffers and buffer markers must be clearly shown on the plans. Additional buffers may be required if the buffers are graded steeper than 6:1. Buffer widths and locations of buffer markers must comply with the Commission's buffer Rules (Appendix O, Rule I).
11. Project appears to be platting PID: 1111823230002 into two or more parcels. Per ECWMC Rules, buffers and drainage easements must be established for all the wetlands within the entire plat. That includes the small 3-acre site that has not been shown on the submitted plans.
12. Who will be responsible for the maintenance and operation of the stormwater management systems?
13. Although this project is on the ECMWC's October agenda, it is not slated for Commission discussion and/or approval.

To: Tom Welshinger
From: Ali Durgunoglu
Re: BARTUS, Plymouth (EC #2016-041)
Date: October 5, 2016

I did a preliminary review of the grading and stormwater plans. The following are my initial findings that would require revisions.

Regarding the Outlet Control Structure (OS 4) of Pond 1SE:

- In file "**PlymouthSands_SWMP_9.26.16_wAttachments**", page 509, outlet structure detail for Pond 1SE top weir elevations are different. If the NWL is 964, the top of weir must be at 964 for the top and bottom figures.
- In Pond 1SE Cross Section submitted with the Fields of Meadow Ridge, the drain tile day lights in the OS4. Please show the drain tile daylight and its invert (963.5?) on the OCS detail drawing.
- Please make sure that the above details are consistent with the Grading Plan for Pond 1SE.
- It will be helpful to include the OS4 and the pond cross section details on the grading plan sheet.
- Please remove the note for the filtration media depth for Pond 1SE on the grading plan and refer it to the cross section detail.

The following details or information also need to be revised and/or submitted:

- Please show the drain tile clean out locations.
- Elm Creek WMC Rules require the lowest floor elevation to be at minimum 2 feet above the HWL and at minimum 1 foot above the EOF of the nearest pond. (*Rule D. 3.b.i.7*). Pond 1SE HWL and EOF are 965.7' and 966.0', respectively. The basement floor elevation of Lot 59 (no Block number) is 966.0. The basement elevation of Lot 59 needs to be at minimum 967.7'.
- Project shows about 7,779 square feet of impact on wetland D. Please submit a notice of approval by the LGU for a wetland replacement plan. There should be no grading near the wetland without an approved wetland replacement plan or a wetland banking credit purchase certificate.
- Wetland buffer between Pond 1SE and wetland D encroaches into the NWL of the pond. The buffer must not extend beyond the top of the pond berm. Please revise the buffer averages.
- Please show the revision dates on the plans

Ali Durgunoglu

MINNESOTA CLIMATOLOGICAL NETWORK

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Name Ali Durgunoglu					County Name Hennepin					Township Name Maple Grove				
Address 8420 Jonquil Ln N, Maple Grove, 55369										Telephone No. 612-735-2342				
24-HOUR AMOUNTS			REMARKS: Give times and comments about events. (Temperature and Phenology Items are very useful).		Type of Gauge (Check One):									
RAIN MELDED SNOW, ETC (INS &HDTHS)	SNOW (INS & TENTHS)	SNOW ON GROUND (INCHES)			Cylinder		Test Tube		Catch opening diameter/size (inches) <u>8.0</u> Maximum catch depth (inches) _____ Board/ruler/post used for snow _____ yes x no _____					
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MINNESOTA CLIMATOLOGICAL NETWORK

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