

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
Dept. of Environment and Energy
701 Fourth Ave S Suite 700
Minneapolis, MN 55415-1600
PH: 612.348-7338 • FAX: 612.348.8532
Email: James.Kujawa@hennepin.us

AGENDA August 9, 2017 REVISED

1. Call Regular Meeting to Order.
 - a. Approve Agenda.*
2. Consent Agenda.
 - a. Minutes last Meeting.*
 - b. Treasurer's Report and Claims.**
3. Open Forum.
 - a. James Fallon, USGS.*
 - 1) Funding Agreement.**
 - b. Introduction of Corcoran Public Works Director.
4. Action Items.
 - a. Project Reviews.*
5. Elm Creek Watershed-wide TMDL.
6. New Business.
7. Communications.
 - a. Freshwater Society – Partnership Opportunities.*
8. Watershed Management Plan.
 - a. Medina Local Plan.*
 - b. Public Hearing.*
9. Education.
10. Grant Opportunities and Updates.
 - a. Fish Lake Internal Phosphorus Loading Control.
 - 1) Authorize chair to sign contractor agreement.*
 - b. Rush Creek Headwaters Subwatershed Assessment.
11. Project Reviews – *also see Staff Report*.*
12. Other Business.
13. Adjourn.

Z:\Elm Creek\Meetings\Meetings 2017\08 agenda.docx

A = Action item E = Enclosure provided I = Informational update available at meeting RPFI - removed pending further information R = Will be removed RP= Information will be provided in revised meeting packet..... D = Project is denied AR awaiting recordation *in meeting packet
**available at meeting

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

Project Reviews. (See Staff Report. *)						
a.					2013-046	Woods of Medina, Medina.
b.					2014-015	Rogers Drive Extension, Rogers.
c.					2015-004	Kinghorn Outlet A, Rogers.
d.				AR	2015-006	Veit Building Expansion, Rogers.
e.				AR	2015-020	Strehler Estates, Corcoran.
f.				AR	2015-030	Kiddiegarten Child Care Center, Maple Grove.
g.					2016-002	The Markets at Rush Creek, Maple Grove.
h.					2016-004	Park Storage Place, Corcoran.
i.					2016-005W	Ravinia Wetland Bank Plan, Corcoran.
j.				AR	2016-014	Balsam Apartments, Dayton.
k.				AR	2016-018	Cambridge Park, Maple Grove.
l.				AR	2016-019	Just for Kix, Medina.
m.				AR	2016-021	Diamond View Estates, Dayton.
n.				AR	2016-022	AutoZone, Maple Grove.
o.				AR	2016-026	Faithbrook Church, Dayton.
p.				AR	2016-038	AutoMotor Plex, Medina.
q.				AR	2016-039	The Fields at Meadow Ridge, formerly Sands Parcel, Plymouth.
r.					2016-040	Kinghorn 4th Addition, Rogers.
s.					2016-047	Hy-Vee Maple Grove #1 (Hy-Vee Maple Grove North).
t.				AR	2016-052	The Woods at Rush Creek, Maple Grove.
u.					2017-002	RDO Site Plan, Dayton.
v.		E			2017-004W	Cartway Trail, Champlin.
w.					2017-008	TH 169 Reconstruction, Champlin.
x.			R		2017-010W	Nichols Property Wetland Delineation, Corcoran.
y.			R		2017-012	Minnesota Solar CSG19, Corcoran.
z.					2017-013W	20417 Larkin Road, Corcoran Wetland Violations, Corcoran.
aa.				AR	2017-014	Laurel Creek, Rogers.
ab.					2017-016	Territorial Woods, Maple Grove.
ac.				AR	2017-017	Mary Queen of Peace Catholic Church, Rogers.
ad.					2017-019	Medina Senior Living Community, Medina.
af.					2017-020	Northwest Greenway Trail Phase III, Plymouth.
ag.				AR	2017-021	Hindu Society of MN Staff Housing, Maple Grove.
ah.					2017-022	CSAH 81 and CSAH101 & 13 Intersection Improvements, Rogers
ai.					2017-023	Midwest Steel Supply, Rogers.
aj.					2017-024	Lil Explorers Daycare, Rogers
ak.					2017-025	Grading by Ground Storage, Rogers.
al.		E	R		2017-026W	Gmach Wetland Delineation, Corcoran.
am.	A	E			2017-027W	Mill Pond Restoration, Champlin.
an.		E			2017-028W	Fehn Meadows Wetland Bank, Corcoran.
ao.	A	E			2017-029	Brayburn Trails, Dayton.
ap.					2017-030	Brindle Path, Medina.
aq.					2017-031	Bass Lake Crossing, Corcoran.
ar.					2017-032W	Rachel Development Wetland Delineation, Corcoran.
as.		E			2017-033W	Jeff Schalo Ditch Management, Corcoran.

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**available at meeting

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

Elm Creek Watershed Management Commission 2017 Treasurer's Report

		2017 Budget	June 2017	July 2017	Aug 2017	2017 Budget YTD
EXPENSES						
Administrative		90,000	6,565.33	8,344.10	6,960.46	54,218.61
Watershed-wide TMDL 2016						
Grant Writing		5,000				0.00
Website		6,000	143.10	184.35	174.35	1,068.05
Legal		2,000				0.00
Audit		5,000			4,500.00	4,500.00
Insurance		3,800				2,842.00
Miscellaneous/Contingency		2,000				0.00
Project Reviews	HCEE	98,000			22,878.39	47,402.41
Project Reviews	Consult	15,000		1,501.40		2,409.40
Project Reviews	Admin	11,000	1,594.85	2,248.04	1,173.96	8,519.81
WCA-Technical	HCEE	12,000			3,402.84	5,306.62
WCA	Legal	500				439.96
WCA	Admin	2,000	107.82	186.64	199.64	1,060.05
Stream Monitoring		24,177				0.00
Extensive Stream Monitoring		7,000				0.00
DO Longitudinal Survey		500				0.00
Source Assessment		2,000				0.00
TMDL Follow-up - TRPD, Admin		10,000		305.25	305.25	610.50
Rain Gauge		220	16.67	19.26	19.41	119.11
Rain Gauge Network		100				0.00
Lakes Monitoring - CAMP		1,200				0.00
Lakes Monitoring - TRPD						
Sentinel Lakes		2,470				0.00
Additional Lake		618				0.00
Aquatic Vegetation Surveys		1,029				0.00
Wetland Monitoring (WHEP)		4,000				0.00
Education		4,000	88.20	70.63	80.67	2,262.23
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		2,000		2,294.25		2,294.25
Education Grants		2,000				0.00
Macroinvertebrate Monitoring-River Watch		6,000				0.00
Projects ineligible for ad valorem		50,000				0.00
Studies / Project ID / SWA		35,000		1.22	187.88	1,973.38
Plan Amendments		5,000	154.43	168.96	110.98	1,164.86
Local Plan Review		2,000				0.00
Transfer to (from) Encumbered Funds (see below)						0.00
Transfer to (from) Capital Projects (see CIP Tracking)						21.18
Transfer to (from) Cash Sureties (see below)						0.00
Transfer to (from) Grants (see below)			1,266.53	260.12	978.70	2,855.29
To Fund Balance						0.00
TOTAL - Month			9,936.93	15,584.22	40,972.53	148,817.71
TOTAL Paid in 2017, incl 2016 Expenses		421,614.00	135,068.58	150,652.80	191,625.33	2017 Paid

Elm Creek Watershed Management Commission 2017 Treasurer's Report

		2017 Budget	June 2017	July 2017	Aug 2017	2017 Budget YTD
INCOME						
<i>From Fund Balance</i>						
Project Review Fee		100,000	11,414.00	4,800.00		51,660.00
Return Project Fee			(1,800.00)			(1,800.00)
Water Monitoring - TRPD Co-op Agmt		6,500				0.00
WCA Fees		8,000	600.00	300.00		5,300.00
Return WCA Fee						(2,550.00)
Reimbursement for WCA Expense						0.00
Member Dues		219,700	7,311.80	58,227.65		219,700.00
Interest/Dividends Earned		100	407.94	650.20		2,325.71
<i>Transfer to (from) Capital Projects (see CIP Tracking)</i>				255,605.67		255,605.67
<i>Transfer to (from) Grants (see below)</i>			-	-	-	
Misc Income						0.00
Total - Month			17,933.74	319,583.52	0.00	530,241.38
TOTAL Funds Rec'd in 2017, incl 2016 Income		334,300.00	337,393.45	656,976.97	656,976.97	2017 Received
CASH SUMMARY		Balance Fwd				
Checking						
4M Fund		570,930.25	803,255.12	1,107,254.42	1,066,281.89	
Cash on Hand			803,255.12	1,107,254.42	1,066,281.89	
CASH SURETIES HELD		Balance Fwd				Activity 2017
WCA Escrows Received		46,000.00				30,000.00
WCA Escrow Reduced		0.00				0.00
Total Cash Sureties Held		46,000.00	76,000.00	76,000.00	76,000.00	
RESTRICTED / ENCUMBERED FUNDS		Balance Fwd				
<i>Restricted for CIPs</i>		129,049				129,027.39
<i>Enc. Studies / Project Identification / SWA</i>		62,832				62,831.80
<i>Assigned Extensive Stream Monitoring</i>		1,000				1,000.00
Total Restricted / Encumbered Funds		191,880	191,859.19	191,859.19	191,859.19	
			June 2017	July 2017	Aug 2017	2017 Budget YTD
GRANTS						
Fish Lake CWLA		200,000				
Revenue						100,000.00
Expense			1,070.53	260.12	225.00	1,825.76
Balance			(1,070.53)	(260.12)	(225.00)	98,174.24
Rush Creek SWA		50,280				
Revenue						25,140.00
Expense			196.00		753.70	1,046.53
Balance			(196.00)	-	(753.70)	24,093.47
TOTAL GRANTS						
Revenue			-	-	-	125,140.00
Expense			1,266.53	260.12	978.70	2,872.29
Balance			(1,266.53)	(260.12)	(978.70)	122,267.71

Elm Creek Watershed Management Commission 2017 Treasurer's Report

Claims Presented		General Ledger Account No	June	July	August	TOTAL
Campbell Knutson - Legal		521000				0.00
Connexus - Rain Gauge		551100			19.41	19.41
Barr Engineering - Proj Rev Consultant		578050				0.00
Doug Baines -Parking, Minor Plan Am. Mtg.		541500			25.00	25.00
Hennepin County Treasurer						26,281.23
HCEE - Tech Svcs Project Reviews		578000			22,878.39	
HCEE - Tech Svcs WCA		579500			3,402.84	
Johnson & Company - Audit		521000			4,500.00	4,500.00
Wenck						753.70
Grant - Rush Creek SWA		584002			753.70	
JASS						9,393.19
Administration		511000			6,096.43	
TAC Support		511000			864.03	
Annual Report		511000				
Website		581000			174.35	
Project Reviews		578100			1,173.96	
WCA		579000			199.64	
Plan Amendment		541500			85.98	
Education		590000			80.67	
Elm Creek TMDL		580800			305.25	
CIPs General		563001			187.88	
CIPs Medina Tower Drive		563002				
CIPs Champlin Mill Pond Dam		563003				
CIPs Plymouth EC Restoration		563004				
CIPs Fish Lake Alum Trmt Ph 1		563009				
Grant Opportunities		511000				
Grant - Fish Lake CWLA		584001			225.00	
Grant - Rush Creek SWA		584002				
TOTAL CLAIMS						40,972.53

Elm Creek Watershed Management Commission
2017 Treasurer's Report - Capital Improvement Project Tracking

CIPs		Amount	%age	TOTAL 2014	TOTAL 2015	TOTAL 2016	JAN 2017	FEB 2017	MAR 2017	APR 2017	MAY 2017	JUN 2017	JUL 2017	AUG 2017	TOTAL 2017	TOTAL ALL YEARS
Ad Valorem 2014 - Medina Tower Drive		68,750	52.380													
Revenue				-	68,916.44	(37.13)							(30.00)		(30.00)	68,849.31
Expense				1,989.80	-	-									-	1,989.80
Balance				(1,989.80)	68,916.44	(37.13)							(30.00)		(30.00)	66,859.51
Ad Valorem 2014 - Champlin Mill Pond Dam		62,500	47.620													
Revenue				-	62,653.69	(33.75)							(27.26)		(27.26)	62,592.68
Expense				1,631.81	-	-									-	1,631.81
Balance				(1,631.81)	62,653.69	(33.75)							(27.26)		(27.26)	60,960.87
Ad Valorem 2015 - Plymouth Elm Creek Restorati		250,000.00	100.000													
Revenue					-	249,866.05							1,343.22		1,343.22	251,209.27
Expense					2,606.17	280.99									-	2,887.16
First Half Payment						122,112.84									-	122,112.84
Second Half Partial Payment						123,163.52									-	123,163.52
Balance					(2,606.17)	4,308.70							1,343.22		1,343.22	3,045.75
Ad Valorem 2016 - Fox Creek Phase 2 Bank Stabi		80,312.00	16.296													
Revenue					-	-							41,443.93		41,443.93	41,443.93
Expense					-	106.32									-	106.32
Balance					-	(106.32)	-	-	-	-	-	-	41,443.93	-	41,443.93	41,337.61
Ad Valorem 2016 - Miss Rvr Shore Repair/Stabiliz		75,000.00	15.219													
Revenue					-	-							38,704.92		38,704.92	38,704.92
Expense					-	106.32									-	106.32
Balance					-	(106.32)	-	-	-	-	-	-	38,704.92	-	38,704.92	38,598.60
Ad Valorem 2016 - EC Dam at Mill Pond		187,500.00	38.047													
Revenue					-	-							96,761.02		96,761.02	96,761.02
Expense					-	106.32									-	106.32
Balance					-	(106.32)	-	-	-	-	-	-	96,761.02	-	96,761.02	96,654.70
Ad Valorem 2016 - Rush Creek Main Stem Restor		75,000.00	15.219													
Revenue					-	-							38,704.92		38,704.92	38,704.92
Expense					-	106.32									-	106.32
Balance					-	(106.32)	-	-	-	-	-	-	38,704.92	-	38,704.92	38,598.60
Ad Valorem 2016 - Fish Lake Alum Trmt Phase 1		75,000.00	15.219													
Revenue					-	-							38,704.92		38,704.92	38,704.92
Expense					-	106.32			21.18						21.18	127.50
Balance					-	(106.32)	-	-	(21.18)	-	-	-	38,704.92	-	38,683.74	38,577.42
TOTAL CIP																
Revenue				-	131,570.13	249,795.17	-	-	-	-	-	-	255,605.67	-	255,605.67	636,970.97
Expense				3,621.61	2,606.17	812.59	-	-	21.18	-	-	-	-	-	21.18	7,061.55
Payments						(245,276.36)									-	(245,276.36)
Balance				(3,621.61)	128,963.96	3,706.22	-	-	(21.18)	-	-	-	255,605.67	-	255,584.49	384,633.06



Monthly Statement

Service Address
ELM CREEK RD
DAYTON MN

Billing Summary

Billing Date: Jul 18, 2017

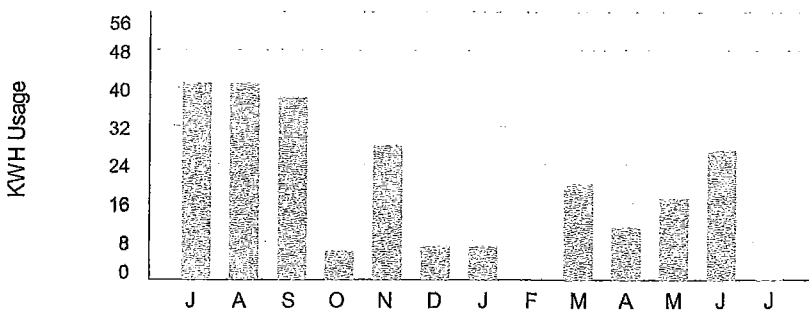
Previous Balance	\$19.26
Payments - Thank You!	\$19.26
Balance Forward	\$0.00
New Charges	\$19.41

Total Amount Due **\$19.41**

Payment must be received on or before August 13, 2017

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

Account Number:
481113-238425

ELM CREEK WATERSHED MGMT ORG

Total Amount Due

\$19.41

Due Date

August 13, 2017

Message Center

Get your FREE Wi-Fi thermostat

Sign up for our Wi-Fi PowerNap® air conditioning program, and we will mail you a FREE Honeywell Wi-Fi thermostat. You will also get a \$10 credit on your summer electric bills. For more information go to connexusenergy.com.

\$3 off at Bunker Beach

Cool off this summer at Bunker Beach. Connexus members get \$3 off admission to the waterpark through Labor Day. Print your coupons at connexusenergy.com.

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

TRA3-D-008663/001121 AGUTYY S1-ET-M1-C00003 1



Account Number:

481113-238425

Total Amount Due

\$19.41

Payment Due By

August 13, 2017

008663 1 AB 0.400 000558/008663/001121 032 01 AGUTYY
ELM CREEK WATERSHED MGMT ORG
3235 FERNBROOK LN N
PLYMOUTH MN 55447-5325



Connexus Energy
PO Box 1808
Minneapolis, MN 55480-1808

00001941 0004811130238425 000000 00000 000000000000 0000003



PARKING RECEIPT

Date: 6/20/2017 \$ 25.00

This Contract Limits Our Liability. Read it.

The acceptance of this ticket constitutes an agreement between the vehicle owner and the garage operator, that the operator is not responsible or liable for loss or damages by reason of fire, theft, collision or any other cause to vehicle or contents of same. Employee not authorized to change the terms of this agreement.

MN003 - Opus Garage

501 4th Ave.

Minneapolis, MN 55415

612-746-3045

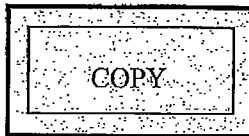
Operated by Allied

Doug Baines

Attend Minor Plan Amendment
Hennepin County Hearing



HENNEPIN COUNTY
Public Works General
Solid Waste
612-543-1121
300 South 6th Street, MC 129
Minneapolis, MN 55487



Hennepin County DES
701 Fourth Avenue South
Suite 400
Minneapolis, MN 55415

Page: 1
Customer Number: 0000001150
Invoice Number: 1000096705
Invoice Date: 07/26/2017
Total Amount Due: \$26,281.23
Due Date: 08/31/2017

Date	Description	Quantity	Unit Amount	Net Amount
04/01/2017 -06/30/2017	Q2 for Tech Assistance, 2017	1.00	\$22,878.39	\$22,878.39
2rd Qtr. -2017 (April 1-June 30,2017) for technical Assistance provided per Agreement A166463. ELM Creek Watershed Management Commission.				
04/01/2017 -06/30/2017	Q2 for WCA, 2017	1.00	\$3,402.84	\$3,402.84
ELM CREEK WATERSHE, MANAGEMENT COMMISSION. WCA, 2017 provided per Agreement A166463				

Balance Due: \$26,281.23

There is a \$30.00 service charge on all returned checks. Civil penalties may be imposed for non-payment, per Minnesota State Statute 604.113.

Please return the bottom portion with your check made payable to: Hennepin County Treasurer.

HENNEPIN COUNTY
612-543-1121

Customer Number: 0000001150
Invoice Number: 1000096705
Payment Due Date: 08/31/2017
Amount Due: \$26,281.23

Hennepin County DES
701 Fourth Avenue South
Suite 400
Minneapolis, MN 55415

Amount Enclosed:

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Remit To:
Hennepin County Accounts Receivable
300 South Sixth Street
Mail Code 129
Minneapolis, MN 55487

2HNPWS00000011501000096705000000026281232



Hennepin County
Public Works

Department of Environment and Energy
701 Fourth Avenue South, Suite 700
Minneapolis, Minnesota 55415-1842

612-348-3777, Phone
612-348-8532, Fax
hennepin.us/environment

Bill To:

Elm Creek Watershed Management Commission
c/o: Mr. Doug Baines
3235 Fernbrook Lane
Plymouth, MN 55447

Invoice

Date

7/25/17

Contract

Elm Creek WMC

Description	Total Amount
2nd quarter 2017 invoice (April 1, 2017 – June 30, 2017) for technical services and WCA provided per Agreement A166463	
<ul style="list-style-type: none">• Technical Assistance• WCA	22,878.39 3,402.84
(Services provided to date include; engineering and technical review on submitted projects, erosion and sediment control planning and implementation assistance, Wetland Conservation Act administrative and technical assistance, TMDL development and implementation, floodplain assistance and information; and storm water quantity and quality work throughout the watershed).	
<ul style="list-style-type: none">• 2017 Payments and other credits to-date• Accrued 2017 costs to-date - not to exceed a total of \$110,000 for technical services and WCA in 2017 unless amended per Agreement A154047.	26,427.80 52,709.03
<i>Costs associated with the Commission's participation in the Department led volunteer monitoring/education programs (Riverwatch and WHEP at a not-to-exceed amount of \$10,000, will be billed on a lump sum basis with the 4th quarter 2017 invoice.</i>	
AMOUNT DUE	\$26,281.23

Make check payable to:

Hennepin County Treasurer

Remit to:

Hennepin County Accounts Receivable
300 South 6th Street
Mail Code 129
Minneapolis, MN 55487

Direct questions to:

Karen Galles 612-348-2027

Johnson & Company, Ltd.
3255 Fernbrook Lane North
Minneapolis, MN 55447
(952) 525-9500

ELM CREEK WATERSHED MANAGEMENT COMMISSION
3235 FERNBROOK LANE N
PLYMOUTH, MN 55447

Client # : 4274

Invoice Number : 34708

Invoice Date : Friday, June 30, 2017

For Professional Services Rendered :

Preparation of report on audited financial statements for the year ended December 31, 2016.	4,500.00
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Total Invoice Amount	<u>\$4,500.00</u>
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Invoice

August 3, 2017

Invoice No: 11704889

Judie Anderson
Elm Creek Watershed Management Comm.
3235 Fernbrook Lane
Plymouth, MN 55447



Responsive partner.
Exceptional outcomes.

Project Manager Diane Spector

Project B1507-0003 Rush Creek Headwaters SWA

Professional Services Through July 31, 2017

Phase 01 Modeling and Field Work

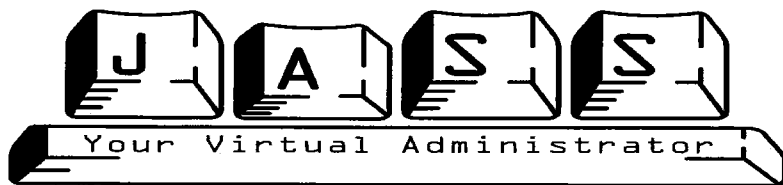
Modeling and Field Work

Professional Personnel

	Hours	Rate	Amount	
Kaczmarek, Hagen	4.30	102.00	438.60	
Strom, Jeffrey	2.30	137.00	315.10	
Totals	6.60		753.70	
Total Labor				753.70
		Phase Total		\$753.70
		Total Invoice Amount		\$753.70

	Current	Prior	Total
Billing Summary	753.70	161.00	914.70

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



3235 Fernbrook Lane
Plymouth MN 55447

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

7-Aug-17

Total by
Project Area

Administrative	7.34	55.00	403.70	
Administrative	53.61	60.00	3,216.60	
Admin - Offsite	2.75	65.00	178.75	
Office Support	5.00	200.00	1,000.00	
Storage Unit	1.00	192.23	192.23	
Data Processing/File Mgmt	0.67	55.00	36.85	
File Management	6.34	60.00	380.40	
Archiving	5.66	55.00	311.30	
Admin - Reimbursable Expense	376.60	1.00	376.60	6,096.430
Admin - TAC support	0.42	55.00	23.10	
Admin - TAC support	10.33	60.00	619.80	
Admin - TAC support offsite	2.50	65.00	162.50	
TAC Support - Reimbursable Expense	58.63	1.00	58.63	864.030
Website	3.17	55.00	174.35	
Web Domain, hosting		1.00	0.00	174.350
Project Reviews - Secre	1.17	55.00	64.35	
Project Reviews - Admin	10.59	60.00	635.40	
Project Reviews - Admin - File Mgmt	1.92	55.00	105.60	
Project Reviews - Reimbursable Expense	368.61	1.00	368.61	1,173.960
WCA - Secre		55.00	0.00	
WCA - Admin	1.92	60.00	115.20	
WCA - Reimbursable Expense	84.44	1.00	84.44	199.640
Education - Secretarial		55.00	0.00	
Education - Admin	0.55	60.00	33.00	
Education - Admin Offsite		65.00	0.00	
Education - Reimbursable Expense	47.67	1.00	47.67	80.670
TMDL - Admin		60.00	0.00	
TMDL - Reimbursable Expense	305.25	1.00	305.25	305.250
CIPs - Administrative	0.93	60.00	55.80	
CIPs- Offsite Admin		65.00	0.00	
CIPs - reimbursables	132.08	1.00	132.08	187.880
Fish Lake CWLA - Admin		55.00	0.00	
Fish Lake CWLA - Admin	3.75	60.00	225.00	
Fish Lake CWLA - Reimbursables		1.00	0.00	225.000
Plan Amendment - Admin	1.25	60.00	75.00	
Plan Amendment - Offsite		65.00	0.00	
Plan amendment - reimbursable	10.98	1.00	10.98	85.980
Invoice Total				9,393.190

elm creek

Watershed Management Commission

ADMINISTRATIVE OFFICE
3235 Fernbrook Lane
Plymouth, MN 55447
PH: 763.553.1144
E-mail: judie@jass.biz

TECHNICAL OFFICE
Hennepin County Public Works
Department of Environment and Energy
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Minneapolis, MN 55415
PH: 612.348.7338
E-mail: james.kujawa@hennepin.us

Mill Pond Shoreland and Aquatic Habitat Restoration **Champlin, Project #2017-027W**

Project Overview: The Mill Pond is located at the confluence of Elm Creek and the Mississippi River within the City of Champlin. It is an impoundment of Elm Creek created by the Elm Creek Dam located on West River Road (CR12). The proposed project will restore aquatic and shoreland areas through a variety of habitat improvement practices. Approximately 42 acres of aquatic and shoreland area and 1,200 linear feet of Elm Creek will be resorted to native upland, riparian and aquatic habitat areas. The project is designed to improve dissolved oxygen and water clarity and reduce phosphorus and suspend solids.

This restoration project is the second of three phases of the City's efforts to restore Elm Creek and the Mill Pond in Champlin. The first phase was the reconstruction of the Elm Creek Dam that stabilized and regulated the Mill Pond's impoundment and outflows into the Mississippi River. The third phase will be continue the restoration of Elm Creek above the Upper Mill Pond.

Applicant: City of Champlin, Todd Tuominen, 11955 Champlin Drive, Champlin, MN 55316. Phone: 763-258-9686. Email: ttuominen@ci.champlin.mn.us.

Agent: WSB & Associates Ind., Roxy Franta, 701 Xenia Avenue S. Suite 300, Minneapolis, MN 55416. Phone: 763-762-2844. Email: rfranta@wsbeng.com

Exhibits:

- 1) ECWMC Request for Plan Review and Approval, received June 14, 2017.
- 2) WSB June 14, 2017 Memo regarding ECWMC project review application;
 - a. Stormwater Pollution Prevention Plan and Temporary Erosion Control Plan, no date.
 - b. Wetland Delineation Report dated April 7, 2017
- 3) WSB June 5, 2017 Memo regarding Mill Pond Restoration Project
 - a. Joint Application for Activities Affecting Water Resources, dated June 2, 2017.
 - b. Wetland Delineation Report and MnRAM
 - c. Phase IA Cultural Resource Assessment for the proposed Mill Pond Wildlife Habitat and Recreational Improvements
 - d. DNR Correspondence
 - e. Soils reports
 - f. Representative Cross Sections.
- 4) LGU Notice of Application, Wetland Boundary/Type dated July 5, 2017.

Findings:

- 1) A complete application was received on June 20, 2017. The initial 60-day review period per MN Statute 15.99 expires on August 19, 2017.
- 2) Excavation; 2017-2018. This project proposes to draw down the Mill Pond this fall. In the winter a combination of deep water and shallow water habitats will be excavated throughout the basin above and below Hwy 169. The amount of excavation will vary between 1 and 16 feet with the average being 6 feet. The total amount of material to be removed will be ~153,000 cubic yards. The amount of material being moved will be ~250,000 cubic yards.
 - a. Deep water habitats (~20 acres) will be connected by approximately 14-foot deep areas to allow for movement between holes to support fish species which require deep water for overwintering or that require higher levels of dissolved oxygen and cooler water temperatures, such as smallmouth bass or northern pike.
 - b. Shallow water aquatic habitat (~20 acres) between three and six feet deep and will be designed to create fish nesting habitat.
 - c. A forebay will be created at the confluence of Elm Creek and Upper Mill Pond for capturing Elm Creek sediment prior to downstream discharge and accumulation in Mill Pond and the Mississippi River. This will be regularly cleaned by the City.
- 3) Restoration; 2018 to 2019. Habitat improvements will increase the numbers of invertebrates, reptiles, amphibians, and subsequently, fish and bird species. A total of 3,391 cubic yards of miscellaneous habitat structures will be placed below the OHW of Mill Pond.
 - a. Organic structures such as vegetated mats, root wads, and logs will be placed throughout the shallow aquatic habitat zones.
 - b. Rock structures, such as random boulders, gravel, and cobble will be installed throughout the restoration.
 - i. Two rock riffles will be constructed at the confluence of Elm Creek and Upper Mill Pond to increase flow through the oxbow and to increase dissolved oxygen content in Mill Pond.
 - ii. Boulders or cobble stone will be installed in locations under water where there is risk of head-cutting, erosion, and sedimentation.
 - iii. Submerged boulders will also be installed to provide rock out-crops for waterfowl and aquatic reptiles.
 - c. Riparian zones will be established at or near the normal water level (NWL) of the lake in various locations around the project. Approximately four acres of shallow marsh and four acres of deep marsh will be established within the project area. Restoration in this zone will consist of riparian upland plantings, shallow marsh, and deep marsh habitats. Selected vegetation species will be chosen for migratory birds/waterfowl as well as for native fauna establishment.
 - d. Approximately seven acres of forest, one acre of mesic prairie, and two acres of shrub-carr habitat will be established/restored in the upland areas within the Project Area. Existing desirable native tree species will remain in place around the perimeter of the lake. Clearing of undesirable tree species, such as buckthorn, black locust, or box elder, will occur in other locations where necessary. Native

tree and shrub species will be planted in upland locations where additional woody habitat is desired.

4) Wetland Alteration:

- a. ECWMC/MN Wetland Conservation Act regulated wetland areas;
 - i. A delineation of the wetlands surrounding the Mill Pond was done by WSB this summer. Three wetlands were delineated above the NWL of Mill Pond. No work is proposed in these areas of the project. The delineation will be approved by LGU (Commission) staff. A wetland replacement plan is not required for these wetlands since no impacts will occur within them. The impacts will all be within the DNR jurisdiction.
- b. DNR Protected Waters. (DNR PWI #27006100)
 - i. The DNR established a normal water elevation (NWL) on Mill Pond at 846.32 (NAVD88).
 - ii. All the excavation and restoration project work will be done below the NWL of the DNR basin and will require a permit from them.

5) Floodplains: No net decrease in floodplain volume is designed or anticipated.

6) SWPPP

- a. Because this work will occur in the Elm Creek flowage area, final SWPPP phasing developed by the contractor must be obtained for Commission approval on;
 - i. The creek diversion work and sequencing,
 - ii. dewatering and
 - iii. Contingency for flooding and controls necessary to prevent downstream (Mississippi River) impacts.
 - iv. Disposal of excess soil materials.
- 7) Operation and Maintenance Plan for the forebay area at the upstream end of the Upper Mill Pond must be developed and approved by the Commission.

Recommendation: Approval contingent upon;

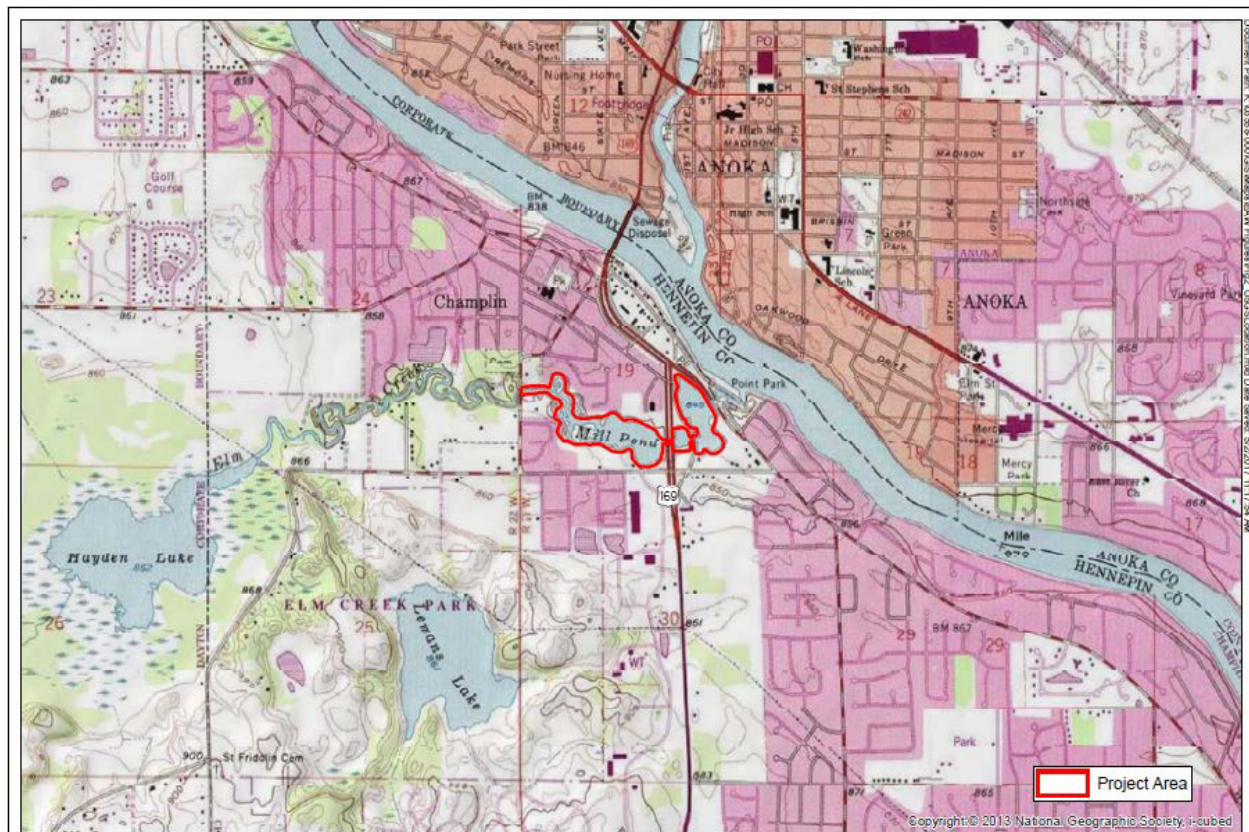
- 1) DNR issuance of a permit and compliance of said permit
- 2) Compliance Army Corps of Engineers regulations.
- 3) Staff approval of the final operation and maintenance plan on the forebay area at the upstream end of the Upper Mill Pond.
- 4) Staff approval of the contractor SWPPP design in item 6.
- 5) Final plans signed and dated by an engineer.

Hennepin County
Department of Environment and Energy
Advisor to the Commission



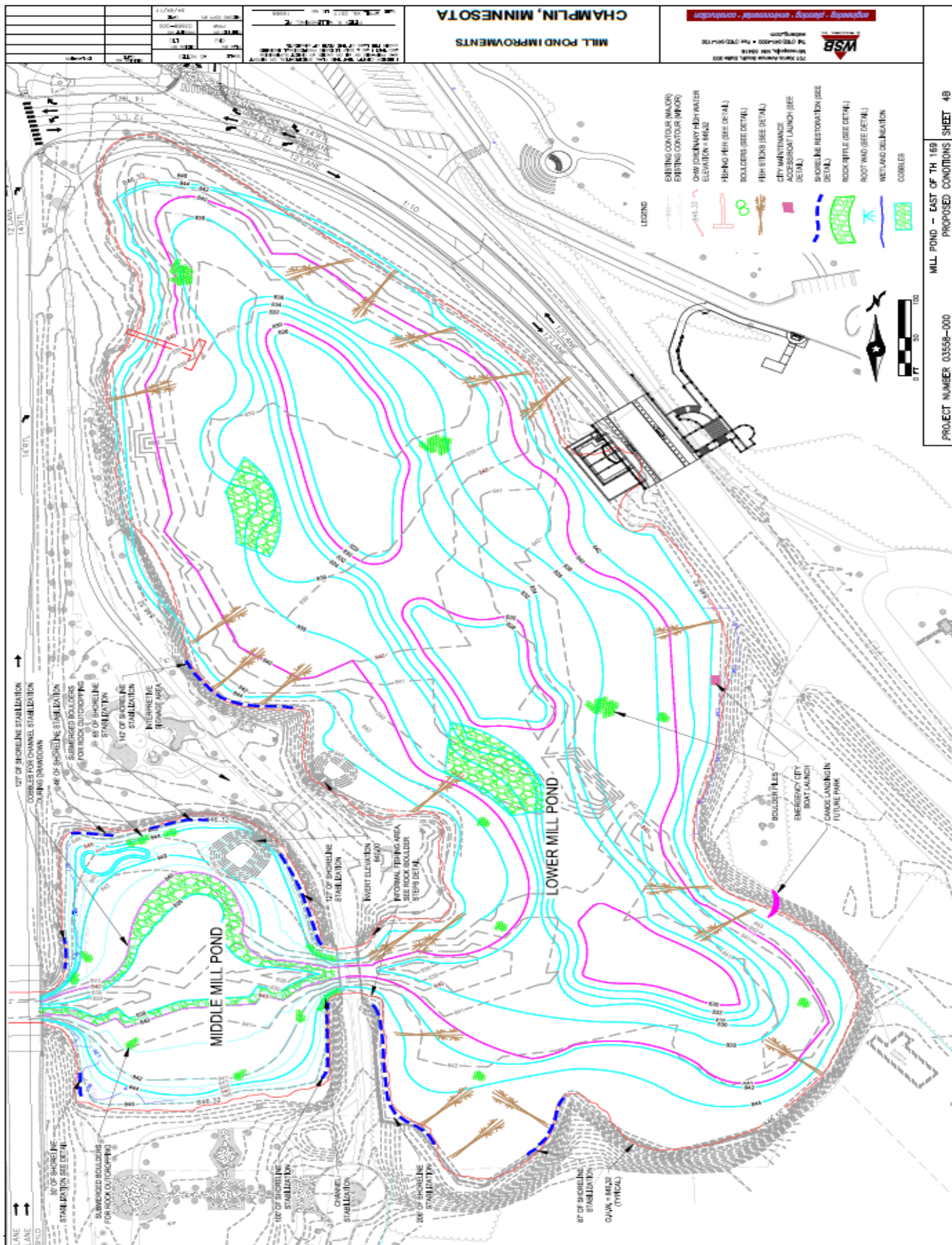
August 9, 2017

Mill Pond Shoreland and Aquatic Habitat Restoration
 Champlin (2017-027W)
 August 9, 2017



[illegible]

August 9, 2017



DOCUMENT 00 5200

AGREEMENT FORM

Contract No: FIS 1701

Date of Award: August 8, 2017

Contract For: Fish Lake Aluminum Sulfate (ALUM) Application Project
Agreement:

This Agreement is entered into under the authority granted by Three Rivers Park District's Board of Commissioners and Elm Creek Watershed Management Commission after the consideration of sealed bids which were submitted to the Superintendent and Secretary to the Board of Three Rivers Park District at a public opening at 10:00 am on July 27, 2017. The Agreement is between Three Rivers Park District and Elm Creek Watershed Management Commission existing under the laws of the State of Minnesota, hereinafter referred to as the Owner, party of the first part, and HAB Aquatic Solutions hereinafter called the Contractor, party of the second part.

Witnesseth:

Article 1:

The Contractor, for and in consideration of the payment or payments, herein specified, hereby covenants and agrees to perform all Work as indicated and related on the attached Bid Form for the completion of the Work in strict conformance with the Contract Documents consisting of this Agreement between Owner and Contractor (hereinafter the Agreement), Conditions of the Contract (General, Supplementary and other Conditions), Drawings, Specifications, Addenda issued prior to execution of the Contract, other documents listed in the Agreement and Modifications issued after execution of the Contract. Said Contract Documents are hereby referred to and made a part of this Contract to the same extent as if herein set forth.

Article 2:

Nondiscrimination:

A. During the performance of this Contract the Contractor agrees as follows:

1. In the hiring of common or skilled labor for the performance of any work under any contract or any subcontract, no contractor, material supplier, or vendor, shall by reason of race, creed, or color, discriminate against the person or persons who are citizens of the United States or resident aliens who are qualified and available to perform the work to which the employment relates;
2. No contractor, material supplier, or vendor, shall, in any manner, discriminate against, or intimidate, or prevent the employment of any person or person identified in the preceding paragraph or on being hired, prevent, or conspire to prevent, the person or persons from the performance of work under any contract on account of race, creed, or color;
3. A violation of the nondiscrimination article is a misdemeanor;

4. This contract may be canceled or terminated, and all money due, or to become due under the contract, may be forfeited for a second or any subsequent violation of the terms or conditions of this nondiscrimination article.

Article 3:

The current minimum wage rate per hour to be paid for each classification of work shall be the local prevailing rate, including fringe benefits as defined in Minnesota Statute 177.41-177.44.

Article 4:

The Contractor agrees to commence said work as herein provided at the earliest practicable date and in any event not later than September 18, 2017 and to prosecute the same diligently and without delay, and substantially complete this work no later than October 13, 2017.

Article 5:

The Contractor further agrees to make, execute and deliver to the Owner, a Performance Bond and Labor and Material Payment Bond executed by himself and a surety company approved by the Owner, each in the sum of \$176,379, for the use of said Owner and of all persons doing work or furnishing skill, tools, machinery or materials under or for the purpose of this Contract by said Contractor, and this Contract shall not become effective until said Bonds have been received and approved by the Owner.

Article 6:

In consideration of the covenants and agreements stated above, the Owner agrees to pay the Contractor the Contract Sum of \$176,379 **(with modifications upward or downward, if any, due to increased or decreased quantities of unit price items if applicable)** as mentioned in the Bid of said Contractor which is made a part of this Contract and attached hereto. Installment payments, if any, on account of work done and the materials furnished by said Contractor under this Contract and actually in place in said project, shall be made in accordance with the provisions of the General Contract Conditions and final payment therefore shall be due and payable on or before thirty (30) days after receipt by the Owner of a certificate by the Owner's representative that the work has been fully completed and this Contract fully performed by the Contractor and the opinion of the Owner's attorney that the Owner is then obligated to pay the sum contracted for herein.

THREE RIVERS PARK DISTRICT

Witnessed By:

John Gunyou, Board Chair

Date

Boe R. Carlson, Superintendent
and Secretary to the Board

Date

ELM CREEK WATERSHED MANAGEMENT COMMISSION

Witnessed By:

Doug Baines, Board Chair

Date

Judie A. Anderson, Exec Secretary

Date

Witnessed By:

CONTRACTOR

Date

Date

CORPORATE SEAL

END OF DOCUMENT 00 5200