

Invoice

Date: January 12, 2018

From: Courtney Allen, Senior Project Manager
Milwaukee Metropolitan Sewerage District
260 W Seeboth Street
Milwaukee, WI 53204-1446
Email: callen@mmsd.com
Phone: 414-225-2069

Send payment to: Don Nehmer, Controller
Milwaukee Metropolitan Sewerage District
260 W Seeboth Street
Milwaukee, WI 53204-1446
Email: dneher@mmsd.com
Phone: 414-225-2190

Project Title: Design and implementation of Kinnickinnic River habitat rehabilitation in the Milwaukee Estuary Area of Concern (AOC).

Period covered by this invoice: 10/01/2017 to 12/31/2017

Purchase Order: 37000-0000004798

Description of Work Completed	Unit/ rate	Cost	Amount
Design Costs:			
Personnel MMSD			5,265.00
Fringe Benefits (99.6%)			5,244.00
Supplies			799.00
Pilot Study:			
Montgomery Associates			55,711.00
		Total invoice	67,019.00

Kinnickinnic River Habitat Rehabilitation Quarterly Project Report & Budget Update

Reporting Period: October 1, 2017 – December 31, 2017

1. Kinnickinnic River Habitat Rehabilitation Project Budget May 1, 2017 - December 31, 2017

Item	Cost	Expense
MMSD	\$37,956.00	
Consultant (MARS)		\$133,299.00
Construction Contractor		-
Supplies		\$799.00
Total Project Funds to Date	\$172,054.00	
Less: Amount Previously Submitted	\$105,035.00	
Amount Due This Request	\$67,019.00	
Total Remaining Project Funds	\$677,946.00	

Pending expenditure report from Finance Manager

2. Activities Completed this Quarter (October 2017 – December 2017)

This was the third quarter of a project to implement habitat improvements and perform an aeration pilot study on the Kinnickinnic River between I-94 and Becher St. Project activities conducted during this quarter were consistent with those outlined in the Kinnickinnic (KK) River Habitat Rehabilitation Scope of Work (SOW) and consisted of the following:

- Task 2 – Regulatory Analysis and Permitting: MARS generated a Habitat Design QAPP which was approved by the DNR. Field work and assessments required for design implementation (wetland delineation, archaeological and cultural review, and environmental review) were completed this quarter. The project team discussed endangered species issues (Rusty Patch Bumblebee) and DNR has provided guidance to minimize impacts and issues. Analyses to meet floodplain impact requirements and state and local permits are ongoing and will be completed next quarter. The DNR permit application for waterway construction (Chapter 30) will be submitted following approval of preliminary plans.
- Task 3 – MARS performed follow-up analysis of the first aeration test (September 25-29th) and presented preliminary data to MMSD, DNR, and Milwaukee Estuary AOC Tech Team. Potential alterations to remaining aeration tests will be assessed over the winter.
- Task 4 – KK River Habitat Rehabilitation: MARS and design team members generated a conceptual plan for the habitat work and presented it to MMSD, DNR, and AOC Tech Team. The preliminary design process is underway and will be presented to MMSD and DNR in January. MMSD has conducted initial outreach activities with riparian landowners regarding project impacts (access and features).
- Task 5 – Coordination with Stakeholders: MARS presented the habitat design and preliminary aeration results to the AOC Tech Team on December 21st. MMSD has recommended providing

materials for outreach at the Pulaski Park community meeting on January 13th, 2018. MARS has provided draft materials (posters) and will finalize prior to the meeting.

3. Problems/Issues Encountered

The primary issue encountered during the third quarter was a later than anticipated conceptual plan delivery. The project team identified that floodplain impacts would be a constraint on the extent of physical habitat structures placed in the river, and spent time generating additional features and concepts that could assure that the construction budget was maximized and would not require a long FEMA floodplain review process. Ultimately, these additional features were not incorporated due to the inability to pay for any short- or long-term maintenance with grant funds. The floodplain impacts issue is still a concern, as is maximizing the construction budget. Fortunately, the project team has determined that the project will probably not require a FEMA review. Project impacts on regulatory flood elevations will be considerably less than 0.1' of rise due to DNR and local floodplain management requirements. To meet target final design date (February 15th) the submittal and review schedule for the preliminary design, near-final design, and final design will need to be compressed.

The project team has continued work on the previously identified access and constructability issues. Installing habitat features in the upper reach (I-94 to Chase) will require some degree of alternative, water-based construction due to steep bank slopes and the presence of endangered species habitat (Rusty Patch Bumblebee) along the riparian corridor.

4. Activities Planned for Next Quarter

During the next quarter of the project (January - March) MARS anticipates conducting the following tasks:

- Task 2 – Regulatory Analysis and Permitting:
 - Obtain DNR permits necessary to perform habitat design work
 - Finalize floodplain modeling, meet with DNR and City of Milwaukee, and obtain permission letters for small local impacts
- Task 3 – Pilot Study for Supplemental Aeration System
 - Adjust study plans for Spring/Summer 2018 tests
 - Develop fish sampling protocol
- Task 4 – KK River Habitat Rehabilitation
 - Submit preliminary design for review
 - Submit near final design for review
 - Submit final design for review
 - Bid document creation and bid opening
- Task 5 – Coordination with Stakeholders
 - Work with riparian landowners regarding construction access and feature placement

MARS expects to complete the following deliverables associated with the above tasks:

- Copies of all permit applications, regulatory correspondence and approved permits
- Habitat design - draft design report and preliminary plans, specs and cost estimates
- Habitat design – preliminary design report and near-final plans, specs and cost estimates
- Habitat design – complete design report and camera-ready documents
- Materials for public outreach event



PARTNERS FOR A CLEANER ENVIRONMENT

Milwaukee Metropolitan Sewerage District ABC LABOR HOURS & DOLLARS REPORT

By Project Number, Department, Employee

Run Date/Time: 1/5/2018

3:28 PM

Report Owner: S. Sigl

Report Name: PR606

Beginning with Pay Period Start Date: 10/1/2017 Ending with Pay
Period End Date: 12/31/2017

O&M Activity/ Cap Pgm Nbr	Description	Dept	Acct	Enbr	Employee Name	Current Ending Pay		Year To Date	
						Hours	Labor \$	Hours YTD	Labor \$ YTD
96144	Kinnickinnic River Habitat Reh	ENG	511	71824	ALLEN, COURTNEY G	18.00	771.99	75.00	3,216.67
96144	Kinnickinnic River Habitat Reh	ENG	511	69309	ELLIOTT, PATRICK C	1.00	43.66	3.00	130.97
96144	Kinnickinnic River Habitat Reh	IWC	511	71370	CAMPBELL, MAUREEN T	2.50	76.96	2.50	76.96
96144	Kinnickinnic River Habitat Reh	IWC	511	72497	DINH, SON B	2.00	70.29	2.00	70.29
96144	Kinnickinnic River Habitat Reh	IWC	511	72544	MACCOUX, MATTHEW J	0.50	17.91	0.50	17.91
96144	Kinnickinnic River Habitat Reh	IWC	511	51008	MUNZENMAIER, MARK D	0.50	18.69	2.50	93.44
96144	Kinnickinnic River Habitat Reh	IWC	511	72553	OLDS, MITCHELL R	2.50	89.54	6.50	232.81
96144	Kinnickinnic River Habitat Reh	IWC	511	72555	SAUER, ELIZABETH P	0.50	20.88	0.50	20.88
96144	Kinnickinnic River Habitat Reh	IWC	511	57382	SUTHERLAND, SUSAN E	0.50	18.69	3.00	112.13
96144	Kinnickinnic River Habitat Reh	LAB	511	72493	VOGEL, ZACHARY A	0.50	17.70	2.50	88.50
96144	Kinnickinnic River Habitat Reh	PLN	511	72507	BOLIVAR, BRUCE G	0.50	15.97	0.50	15.97
96144	Kinnickinnic River Habitat Reh	PLN	511	72556	MOE, DAVID A	32.00	933.56	32.00	933.56
96144	Kinnickinnic River Habitat Reh	PLN	511	72118	TALARCZYK, DANIEL R	0.50	23.34	2.50	116.69
96144	Kinnickinnic River Habitat Reh	PRS	511	72600	COYLE, SUSAN K	1.50	59.44	3.50	138.69

FRINGES
5,265.47
x 99.6%
5,244.00


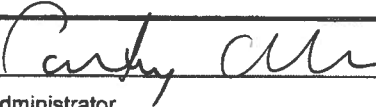
PERSONNEL 5,265.47
ROUND 5,265.00

LIMS_EXPORT_DATA

SAMPLE_SID	SITE_CODE	DATE	OP_NAME	LAB_NAME	METHOD
17020691	KK-03	#####	Solids (Suspended)	MMSD	SM 2540 D (1997)
17020692	KK-04	#####	Solids (Suspended)	MMSD	SM 2540 D (1997)
17020693	KK-05	#####	Solids (Suspended)	MMSD	SM 2540 D (1997)
17020694	KK-06	#####	Solids (Suspended)	MMSD	SM 2540 D (1997)
17020697	KK-04Q	#####	Solids (Suspended)	MMSD	SM 2540 D (1997)
17020698	KK-08Q	#####	Solids (Suspended)	MMSD	SM 2540 D (1997)
17021348	KK-03	#####	Solids (Suspended)	MMSD	SM 2540 D (1997)
17021350	KK-04	#####	Solids (Suspended)	MMSD	SM 2540 D (1997)
17021352	KK-05	#####	Solids (Suspended)	MMSD	SM 2540 D (1997)
17021354	KK-06	#####	Solids (Suspended)	MMSD	SM 2540 D (1997)
17021397	KK-03Q	#####	Solids (Suspended)	MMSD	SM 2540 D (1997)
17021399	KK-06Q	#####	Solids (Suspended)	MMSD	SM 2540 D (1997)
17022006	KK-03	#####	Solids (Suspended)	MMSD	SM 2540 D (1997)
17022007	KK-04	#####	Solids (Suspended)	MMSD	SM 2540 D (1997)
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17022009	KK-06	#####	Solids (Suspended)	MMSD	SM 2540 D (1997)
17022013	KK-03Q	#####	Solids (Suspended)	MMSD	SM 2540 D (1997)
17020690	KK-01	#####	Ammonia Nitrogen	MMSD	SM 4500-NH3 G (1997)
17020692	KK-04	#####	Ammonia Nitrogen	MMSD	SM 4500-NH3 G (1997)
17020695	KK-08	#####	Ammonia Nitrogen	MMSD	SM 4500-NH3 G (1997)
17020696	KK-11	#####	Ammonia Nitrogen	MMSD	SM 4500-NH3 G (1997)
17020697	KK-04Q	#####	Ammonia Nitrogen	MMSD	SM 4500-NH3 G (1997)
17020698	KK-08Q	#####	Ammonia Nitrogen	MMSD	SM 4500-NH3 G (1997)
17022005	KK-01	#####	Ammonia Nitrogen	MMSD	SM 4500-NH3 G (1997)
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17022010	KK-08	#####	Ammonia Nitrogen	MMSD	SM 4500-NH3 G (1997)
17022011	KK-11	#####	Ammonia Nitrogen	MMSD	SM 4500-NH3 G (1997)
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17020690	KK-01	#####	BOD- 5 Day Total	MMSD	SM 5210 B (2001)
17020692	KK-04	#####	BOD- 5 Day Total	MMSD	SM 5210 B (2001)
17020695	KK-08	#####	BOD- 5 Day Total	MMSD	SM 5210 B (2001)
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17020697	KK-04Q	#####	BOD- 5 Day Total	MMSD	SM 5210 B (2001)
17020698	KK-08Q	#####	BOD- 5 Day Total	MMSD	SM 5210 B (2001)
17021346	KK-01	#####	BOD- 5 Day Total	MMSD	SM 5210 B (2001)
17021350	KK-04	#####	BOD- 5 Day Total	MMSD	SM 5210 B (2001)
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17021399	KK-06Q	#####	BOD- 5 Day Total	MMSD	SM 5210 B (2001)
17022455	KK-01	#####	BOD- 5 Day Total	MMSD	SM 5210 B (2001)
17022456	KK-04	#####	BOD- 5 Day Total	MMSD	SM 5210 B (2001)
17022457	KK-08	#####	BOD- 5 Day Total	MMSD	SM 5210 B (2001)
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17022459	KK-08Q	#####	BOD- 5 Day Total	MMSD	SM 5210 B (2001)
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LIMS_EXPORT_DATA

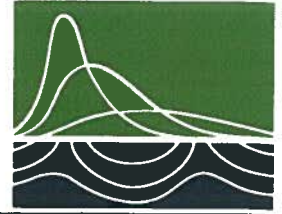
RESULT_REPORT	UNIT	COUNT	COST
8.2 mg/L		1	\$11
11 mg/L		1	\$11
9.7 mg/L		1	\$11
7.5 mg/L		1	\$11
12 mg/L		1	\$11
< 1 mg/L		1	\$11
17 mg/L		1	\$11
120 mg/L		1	\$11
65 mg/L		1	\$11
79 mg/L		1	\$11
20 mg/L		1	\$11
< 1 mg/L		1	\$11
4 mg/L		1	\$11
14 mg/L		1	\$11
12 mg/L		1	\$11
8.2 mg/L		1	\$11
< 1 mg/L		1	\$11
Total		17	\$187
< 0.076 mg/L		1	\$18
0.26 mg/L		1	\$18
0.19 mg/L		1	\$18
0.18 mg/L		1	\$18
0.27 mg/L		1	\$18
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< 0.076 mg/L		1	\$18
< 0.076 mg/L		1	\$18
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Total		12	\$306
2.7 mg/L		1	\$18
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< 2 mg/L		1	\$18
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< 2 mg/L		1	\$18
8.2 mg/L		1	\$18
16 mg/L		1	\$18
16 mg/L		1	\$18
7.7 mg/L		1	\$18
< 2 mg/L		1	\$18
4 mg/L		1	\$18
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4.6 mg/L		1	\$18
2.8 mg/L		1	\$18
4.7 mg/L		1	\$18
< 2 mg/L		1	\$18
Total		17	\$306
Grand Total			\$799

REQUEST FOR PAYMENT OF ENGINEERING SERVICES					
1. Milwaukee Metropolitan Sewerage District 260 West Seeboth Street Milwaukee, WI 53201-3049		2. DISTRICT CONTRACT NO. W40011E01			
NAME AND ADDRESS OF ENGINEERING FIRM Montgomery Associates Resource Solutions LLC 119 South Main Street Cottage Grove, WI 53527		3. AGENCY GRANT NO. NA			
		<input checked="" type="checkbox"/> Partial <input type="checkbox"/> Completion <input type="checkbox"/> Final			
		5. PAYMENT REQUEST NO. 7			
		6. PERIOD COVERED BY THIS REQUEST 12/01/17-12/31/17			
7. BUDGET \$346,240		8. PERIOD OF PERFORMANCE (scheduled contract start/completion dates) 5/01/17 to 9/30/18			
SUMMARY OF PROJECT EXPENDITURES TO DATE (MMSD-PE)					
MMSD P.O. No. 8595 MMSD Charge No. ENG/649/96144	a Total Cost	b Net Fee	c Total Price	d Budget	e % Complete
Project No. W40011E01 (formerly M03081E01)			133,299.14	346,240.00	38.50%
TOTAL ALL PROJECTS TO DATE			133,299.14		
LESS: AMOUNT PREVIOUSLY SUBMITTED			113,026.04	346,240.00	32.64%
AMOUNT DUE THIS REQUEST			20,273.10	346,240.00	5.86%
<p>I certify that to the best of my knowledge and belief the billed costs or disbursements are in accordance with the terms of the contract.</p> <div style="text-align: center; margin: 20px 0;">  </div> <p>Signature of authorized Certifying Official _____</p> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 45%;"> <p>Robert J. Montgomery, PE, Principal</p> <p style="text-align: center;">Typed Name and Title</p> </div> <div style="width: 45%;"> <p>January 11, 2018</p> <p style="text-align: center;">Date</p> </div> </div>					
FOR DISTRICT USE ONLY					
Approved for Payment \$20,273.10	Project Manager 		Date 1/12/18		
		Auditing & Loan Administrator		Date	
Accounting Classification					
MMSD Check No.	Amount	Date	Voucher No.		

File No.:
Records Center

Montgomery Associates - Resource Solutions LLC

119 South Main Street
 Cottage Grove, WI 53527
 Tel: (608) 839-4422 Fax: (608) 839-3322
 admin@ma-rs.org
 www.ma-rs.org

**Invoice**

Milwaukee Metropolitan Sewerage Dist
 260 West Seebooth Street
 Milwaukee, WI 53204

Invoice Date: Jan 11, 2018**Invoice Num:** 18296**Billing Through:** Dec 31, 2017

1681a - MMSD - Kinnickinnic (KK) River Habitat Reh (1681a) - PO#: W40011E01 - Managed by (NGH)

<u>Services</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Task A - Project Management			
▶ Senior Engineer - MTS	0.25	\$150.00	\$37.50
▶ Project Engineer 1 - NGH	6.00	\$110.00	\$660.00
Task C - Aeration Pilot Study			
▶ Senior Engineer - MTS	6.75	\$150.00	\$1,012.50
Task D - Design River Habitat Rehabilitation			
▶ Project Engineer 1 - CNB	3.75	\$110.00	\$412.50
▶ Senior Engineer - MTS	9.25	\$150.00	\$1,387.50
▶ Project Engineer 1 - NGH	72.25	\$110.00	\$7,947.50
▶ Senior Engineer - SJG	0.25	\$150.00	\$37.50
Task E - Coordinate with Stakeholders			
▶ Senior Engineer - MTS	4.00	\$150.00	\$600.00
▶ Project Engineer 1 - NGH	14.50	\$110.00	\$1,595.00
Total Service Amount:			\$13,690.00

Reimbursable Expenses:

<u>Date</u>	<u>Employee ID</u>	<u>Description</u>	<u>Amount</u>
12/4/2017	MARS	Mileage	\$74.90
12/11/2017	MARS	Mileage	\$74.90
12/19/2017	MARS	PODS Inv# Z058000034329	\$167.90
12/21/2017	MARS	Mileage	\$74.90
12/29/2017	Cardno	Inv# 248048	\$2,982.50
12/29/2017	HNTB	Inv# 1	\$3,208.00

Total Expenses: **\$6,583.10****Amount Due This Invoice:** **\$20,273.10***This invoice is due upon receipt*

Thank you for your business!



Wisconsin Portable Storage, LLC
PO Box 791003
Baltimore, MD 21279-1003

THANK YOU FOR CHOOSING PODS!

Invoice No. Z058000034329

Customer Account 134085400
Invoice Date 12/19/2017
Due Date 12/20/2017
Enrolled in AutoPay. Payment will be processed on 12/20/2017
Order No. 904535
Page 1 of 1

Attn: Nick Hayden
Montgomery Associates: Resource Solutions
119 S Main St
Cottage Grove, WI 53527

Need to Contact Us?

Our Business Solutions Team Specialists
are available
Monday - Friday, 8:00am - 8:00pm
Saturday 8:00am - 4:30pm EST.
You can reach us by Phone at 1-855-500-7637
or by email at Businessteam@PODS.com

PO #:		Qty	Price	Discount	Amount	Tax	Total
Container Id 61A58	Monthly Rental of Container at Your Location 2600 block of S Chase Ave (construction site), Milwaukee, WI 53207	12/20/17-1/19/18 1	\$ 159.00	\$ 0.00	\$ 159.00	\$ 8.90	\$ 167.90
Subtotal:					\$ 159.00	\$ 8.90	\$ 167.90

Invoice Total: \$ 159.00 \$ 8.90 \$ 167.90



Cut Remittance Here



*** To Ensure Proper Credit, Please Detach This Remittance and Return With your Payment ***



Wisconsin Portable Storage, LLC
PO Box 791003
Baltimore, MD 21279-1003

Customer account number 134085400
Invoice amount \$ 167.90
Due Date 12/20/2017
Enrolled in AutoPay. Payment will be processed on 12/20/2017

Attn: Nick Hayden
Montgomery Associates: Resource Solutions
119 S Main St
Cottage Grove, WI 53527

Invoice No.
Z058000034329

Total Amount Enclosed

\$

Make checks payable to:
Wisconsin Portable Storage, LLC

1340854003Z058000034329000167907



Check Remittance:
Cardno, Inc.
P.O. Box 123422
Dallas, TX 75312-3422

INVOICE

EFT Remittance:
Account Name: Cardno, Inc.
Bank Name: HSBC Bank USA, NA
ABA Number: 123006389
Account Number: 447006894
Email Notification: CBS EFT@cardno.com
Taxpayer ID No. 45-2663666

Corporate Headquarters: 10004 Park Meadows Drive Suite 300, Lone Tree, CO 80124

Phone: 720 257 5800 Fax: 720 257 5801

www.cardno.com

Please include an invoice copy with payment or reference the invoice number(s) and project number(s) on your remittance.

Michael Schwar
Montgomery Associates Resource Solu
119 S Main Street
Cottage Grove WI 53527

Invoice # : 248048
Project : J173234100
Invoice Date : January 11, 2018
Project Manager : Schwar, Heather
Terms : 30 Days

Project Name : MARS: MMSD KK River I-94 to Becher St. Habitat Restoration

MARS Project Number: 1681a

For Professional Services Rendered Through: 12/29/2017

Phase : 22B - Design

Professional Personnel

	<i>Hours</i>	<i>Amount</i>
Senior Consultant	6.00	1,080.00
<i>Total Professional Personnel</i>	<i>6.00</i>	<i>1,080.00</i>
Total This Phase		\$1,080.00

Phase : 22C - Preliminary Design

Professional Personnel

	<i>Hours</i>	<i>Amount</i>
Senior Consultant	10.25	1,822.50
Staff Scientist	1.00	80.00
<i>Total Professional Personnel</i>	<i>11.25</i>	<i>1,902.50</i>
Total This Phase		\$1,902.50

Amount Due This Invoice **\$2,982.50**

	Current	Prior	Total
Billings to Date	2,982.50	15,028.24	18,010.74
Project Limit			28,200.00
Remaining			10,189.26

Outstanding Invoices

Number	Date	Balance
248048	01/11/2018	2,982.50
246973	12/12/2017	1,975.00
Total Now Due		4,957.50

Aging Balances			
Under 30	31 - 60	61 - 90	Over 90
4,957.50	0.00	0.00	0.00

Billing Backup

Thursday, January 11, 2018

Phase : 22B - Design

Professional Personnel

<i>Class / Employee Name</i>	<i>Date</i>	<i>Hours</i>	<i>Rate</i>	<i>Amount</i>
Senior Consultant				
Schwar, Heather				
	11/29/2017	0.50	180.00	90.00
November invoicing, and budget checkin	12/5/2017	0.50	180.00	90.00
Scheduling of field visit and conceptual design discussion	12/6/2017	1.50	180.00	270.00
conceptual design discussion including access plan, prep for site visit	12/7/2017	1.00	180.00	180.00
Budget review, prep for Monday's site visit, email to MARS	12/12/2017	1.00	180.00	180.00
survey review, bird deterrent meeting set-up, November invoice to MARS	12/18/2017	0.50	180.00	90.00
weekly checkin with team	12/21/2017	1.00	180.00	180.00
vegetation and bird deterrent out		6.00		1,080.00

Total Professional Personnel**1,080.00****Total This Phase****\$1,080.00**

Phase : 22C - Preliminary Design

Professional Personnel

<i>Class / Employee Name</i>	<i>Date</i>	<i>Hours</i>	<i>Rate</i>	<i>Amount</i>
Senior Consultant				
Schwar, Heather				
	12/11/2017	6.50	180.00	1,170.00
Site visit to ground truth access and project element locations	12/13/2017	1.50	180.00	270.00
bird deterrent and site access discussion and cost estimate	12/14/2017	0.25	180.00	45.00
clearing discussion	12/15/2017	0.50	180.00	90.00
bird nesting and prevention		8.75		1,575.00
Salas, Daniel J.				
	12/6/2017	1.00	165.00	165.00
constructability discussion and concept plan review	12/11/2017	0.50	165.00	82.50
Field review support		1.50		247.50
Staff Scientist				
Taylor, William E.				
	12/13/2017	0.25	80.00	20.00
discussion on bird exclusion design	12/15/2017	0.75	80.00	60.00
design and scope for bird exclusion		1.00		80.00

Billing Backup

Thursday, January 11, 2018

Phase : 22C - Preliminary Design

Total Professional Personnel 1,902.50

Total This Phase \$1,902.50

Total This Invoice \$2,982.50

HNTB Corporation
The HNTB Companies
Infrastructure Solutions

11414 West Park Place
Suite 300
Milwaukee, WI 53224

Telephone (414) 359-2300
Facsimile (414) 359-2310
www.hntb.com

10 West Mifflin Street
Suite 300
Madison, WI 53703

Telephone (608) 259-0045
Facsimile (608) 259-0084
www.hntb.com

Montgomery Associates: Resources Solutions, LLC
119 S. Main Street
Cottage Grove, WI 53527
Project Manager: Mike Schwar

January 11, 2018



1 -64059-DS-003

HNTB Invoice No. 1

MMSD Payment Request No. 1

**MMSD KK RIVER I-94 TO BECHER ST. HABITAT REHABILITATION (FORMERLY KK RIVER FEASIBILITY STUDY)
PROJECT #1681a (FORMERLY 1681)**

IN ACCORDANCE WITH SIGNED CONTRACT DATED NOVEMBER 20, 2017

NOTICE TO PROCEED - NOVEMBER 20, 2017

Period covered by this invoice from November 20, 2017 through December 29, 2017

HNTB PAYROLL & EXPENSES	HOURS	RATE	AMOUNT
DIRECT LABOR			
Ivarson, Robert	11.00	\$ 257.00	\$ 2,827.00
Deibert, Troy	0.50	\$ 192.00	\$ 96.00
Marshall, Joel	1.50	\$ 161.00	\$ 241.50
Craugh, Angela	0.50	\$ 87.00	\$ 43.50
TOTAL LABOR	13.50		\$ 3,208.00

Direct Expenses	\$ -
TOTAL EXPENSES:	\$ -

AMOUNT DUE THIS INVOICE:	\$ 3,208.00
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SUMMARY OF BILLINGS	CURRENT	PRIOR	TOTAL
DIRECT LABOR:	\$ 3,208.00	\$ -	\$ 3,208.00
EXPENSES:	\$ -	\$ -	\$ -
TOTALS:	\$ 3,208.00	\$ -	\$ 3,208.00

TOTAL CONTRACT AMOUNT:	\$ 11,200.00
TOTAL BILLED TO DATE:	\$ 3,208.00
TOTAL PAID TO DATE:	\$ -
TOTAL OUTSTANDING:	\$ 3,208.00

PLEASE REMIT PAYMENT TO: HNTB
P.O. Box 802741
Kansas City, MO 64180-2741

Should you have any questions concerning this invoice, please contact Mr. Troy Deibert.
Thank you.

REQUEST FOR PAYMENT OF ENGINEERING SERVICES					
Montgomery Associates: Resources Solutions, LLC 119 S. Main Street Cottage Grove, WI 53527 Project Manager: Mike Schwar			2. DISTRICT CONTRACT NO. W40011E01 (formerly M0381E01) 3. AGENCY GRANT NO.		
NAME AND ADDRESS OF ENGINEERING FIRM HNTB Corporation 11414 West Park Place Suite 300 Milwaukee, WI 53224			5. PAYMENT REQUEST NO. 1 6. PERIOD COVERED BY THIS REQUEST November 20, 2017 through December 29, 2017		
7. BUDGET \$ 11,200.00			8. PERIOD OF PERFORMANCE November 20, 2017 through December 29, 2017		
SUMMARY OF PROJECT EXPENDITURES TO DATE (MMSD-PE)					
MMSD P.O. No.	a Total Cost	b Net Fee	c Total Price	d Budget	e % Complete
Charge No.	\$3,208.00	\$0.00	\$3,208.00	\$11,200.00	28.64%
TOTAL ALL PROJECTS TO DATE	\$3,208.00	\$0.00	\$3,208.00	\$11,200.00	28.64%
LESS: AMOUNT PREVIOUSLY SUBMITTED			\$0.00		
AMOUNT DUE THIS REQUEST			\$3,208.00		
I certify that to the best of my knowledge and belief the billed costs or disbursements are in accordance with the terms of the contract.					
<div style="display: flex; justify-content: space-between;"> <div> Signature of authorized Certifying Official </div> <div style="text-align: center;"> </div> </div>					
Denise Scott Enterprise Operations Accounting Manager			January 11, 2018		
Typed Name and Title			Date		
FOR DISTRICT USE ONLY					
Approved for Payment		<div style="display: flex; justify-content: space-between;"> <div>Project Manager</div> <div>Date</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div>Auditing & Loan Administrator</div> <div>Date</div> </div>			
Accounting Classification					
MMSD Check No.	Amount	Date	Voucher No.		

BILLING REPORT

Bill 4 Labor by Segment (Date Range)

HNTB

Project & Company Confidential

Direct Payroll

Dates: 11/20/2017 through 12/29/2017

Job	64059	KK Estuary Habitat Feasibility	E/O	Kaminski, MJ (16287)	Ofc 005	
Ph Seg	DS-003	TO #3 - Habitat Rehab	P/M	Deibert, TE (16530)	Ofc 005	
			B/O	Wisconsin	Ofc 005	
			B/F	HNTB Infrastructure		
Ofc	EmpNo	Employee	Shift Code	Trans Type	Hours	Remarks
005	10361	Craugh, Angela K			0.50	Regular
005	16077	Marshall, Joel C			1.50	Regular
005	16530	Deibert, Troy E			0.50	Regular
020	23282	Ivarson, Walter R			11.00	Regular
Total Labor Distribution						
Billing Item: 64059-DS-003					13.50	Regular

KINNICKINNIC RIVER (KK) RIVER HABITAT REHABILITATION

CONTRACT NO. W40011E01

MONTHLY STATUS REPORT – P8550

Report for period ending November 30, 2017

1. Overall Project Schedule

MARS is moving forward with preliminary design work and will incorporate any comments on design conceptual plan from District leadership.

2. Schedule Narrative

A. Activities completed this report period

i. Project Management (Task A)

Discussed schedule with District. No monthly meeting.

ii. Regulatory Analysis and Permitting (Task B)

Completed initial HEC-RAS modeling that indicates no FEMA process needed.

iii. Aeration Pilot Study (Task C)

Adjusted aeration test summary slides for AOC meeting. Analyzed historical seiche data to determine likelihood of seiche impacts during remaining tests.

iv. Habitat Design (Task D)

Submitted revised conceptual plan on 12/4. Attended CAD standards and survey meeting on 12/4. Conducted field visit w/ Cardno to finalize features and locations. Requested appropriate District Master Specifications. Provided survey request to District. Worked with District real estate to create outreach materials for landowner discussions.

v. Coordination with Stakeholders (Task E)

Presented conceptual plan to AOC Tech Team on 12/21. Discussed 16th St. outreach with District.

B. Activities in progress this reporting period

i. Project Management (Task A)

Ongoing project management (billing, sub coordination, communication, etc.)

ii. Regulatory Analysis and Permitting (Task B)

Continuing HEC-RAS modeling to assess floodplain impact.

- iii. Aeration Pilot Study (Task C)
Planning for spring/summer 2018 tests.
- iv. Habitat Design (Task D)
Assessing constructability and access in upper reach. Reviewing District plans and bid documents from previous projects. Creating preliminary design plans and editing District specs.
- v. Coordination with Stakeholders (Task E)
Finalizing 16th St outreach materials.

C. Activities left to complete next reporting period

- i. Regulatory Analysis and Permitting (Task B)
Meet with District and DNR/City of Milwaukee re: floodplain impacts. Submit Chapter 30 permit application following preliminary design.
- ii. Aeration Pilot Study (Task C)
Discuss fish sampling plan with project team, UW-Milwaukee.
- iii. Habitat Design (Task D)
Submit draft design report and preliminary design plans, specs, and opinions of probable costs. Incorporate District survey into plans. Request utility locates survey.

3. Study Issues for Resolution: *None at present time.*

4. Study Management Issues

- A. Budget problems – *None at present time.*
- B. Schedule problems
 - i. *Discussed tight schedule with District. Plan to continue to try to meet original final design schedule due to bid process and tight construction window. Will need to move design forward during review loops to accomplish this.*
- C. Invoice and payment status by date for entire contract:

Invoice #	Amount	Date Submitted	Date Paid
7078	\$920	7/19/2017	8/17/2017
7138	\$10,580	8/15/2017	9/11/2017
17788	\$20,453.90	9/18/2017	10/16/2017
17920	\$45,634.18	10/12/2017	11/10/2017
18112	\$22,652.56	11/17/2017	12/18/2017
18277	\$12,785.40	12/18/2017	
18296	\$20,273.10	1/11/2018	

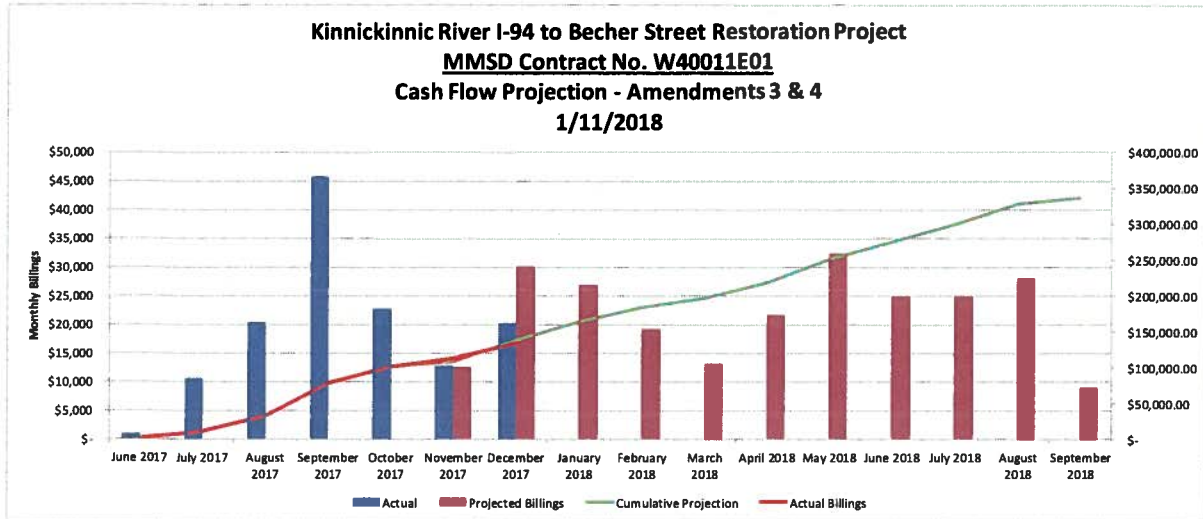
D. Percent complete task status (Amendments 3&4) –

- i. Task A – 54%
- ii. Task B – 55%
- iii. Task C – 48%

iv. Task D – 44%

v. Task E – 18%

E. Cash flow projection for entire contract:



5. Pending items:

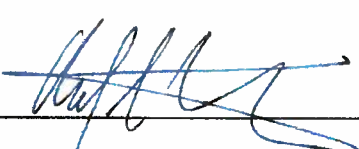

A. Potential contract amendments and out-of-scope activities – none

B. Time extensions – none

6. Deliverables:

Description	Schedule	Delivered
Updated project schedule		9/5/17
Monthly status report to MMSD including schedule updates	Monthly	
Monthly meeting agendas and minutes	Monthly	
Quarterly status report to MMSD/DNR including schedule updates	Quarterly	
Copies of all permit applications, regulatory correspondence, and approved permits	Ongoing	
Completed aeration pilot study QAPP		8/29/17
Completed habitat design QAPP		11/16/17
Aeration pilot study plan – draft		7/31/17
Aeration pilot study plan – draft final to DNR		8/11/17
Aeration pilot study plan – final		8/29/17
Aeration pilot study report – draft to MMSD	8/1/18	
Aeration pilot study report – final	9/1/18	
Habitat design conceptual plan – draft to MMSD		11/08/17
Habitat design conceptual plan – near final to DNR		12/04/17
Habitat design conceptual plan – final	12/15/17	
Habitat design report – draft to MMSD	1/15/18	
Habitat design report – near final to DNR	2/1/18	
Habitat design report - final	2/15/18	
Plans, specifications and cost estimates – preliminary	1/15/17	
Plans, specifications and cost estimates – essentially complete	2/1/18	

Plans, specifications and cost estimates – camera-ready	2/15/18	
Opinions of probable cost – preliminary (50%)	1/15/18	
Opinions of probable cost – essentially complete (90%)	2/1/18	
Opinions of probable cost – bid opening (100%)	2/15/18	
Responses to construction submittals, RFIs	2/15/18- 3/28/18	
Bid memorandum	4/1/18	
Drawing file deliverable	4/15/18	
Contract modification or claim items	Begin 5/15/18	
Construction site visit reports	Begin 5/15/18	
Record drawings – draft	9/1/18	
Record drawings - final	9/15/18	
Outreach meeting agendas and minutes	TBD	
As needed, HEC-RAS or other computer models. Models will be submitted to the District with the appropriate documentation.	TBD	
As needed, Geotechnical Boring Logs and related Excel spreadsheet information.	TBD	
As needed, aeration data and models.	TBD	

REQUEST FOR PAYMENT OF ENGINEERING SERVICES					
1. Milwaukee Metropolitan Sewerage District 260 West Seeboth Street Milwaukee, WI 53201-3049		2. DISTRICT CONTRACT NO. W40011E01 3. AGENCY GRANT NO. NA <input checked="" type="checkbox"/> Partial <input type="checkbox"/> Completion <input type="checkbox"/> Final			
NAME AND ADDRESS OF ENGINEERING FIRM Montgomery Associates Resource Solutions LLC 119 South Main Street Cottage Grove, WI 53527		5. PAYMENT REQUEST NO. 6 6. PERIOD COVERED BY THIS REQUEST 11/01/17-11/30/17			
7. BUDGET \$346,240		8. PERIOD OF PERFORMANCE (scheduled contract start/completion dates) 5/01/17 to 9/30/18			
SUMMARY OF PROJECT EXPENDITURES TO DATE (MMSD-PE)					
MMSD P.O. No. 8595 MMSD Charge No. ENG/649/96144	a Total Cost	b Net Fee	c Total Price	d Budget	e % Complete
Project No. W40011E01 (formerly M03081E01)			113,026.04	346,240.00	32.64%
TOTAL ALL PROJECTS TO DATE			113,026.04		
LESS: AMOUNT PREVIOUSLY SUBMITTED			100,240.64	346,240.00	28.95%
AMOUNT DUE THIS REQUEST			12,785.40	346,240.00	3.69%
I certify that to the best of my knowledge and belief the billed costs or disbursements are in accordance with the terms of the contract.					
					
Signature of authorized Certifying Official					
Robert J. Montgomery, PE, Principal			December 18, 2017		
Typed Name and Title			Date		
FOR DISTRICT USE ONLY					
Approved for Payment \$12,785.40	Project Manager 		Date 12/20/17		
Auditing & Loan Administrator		Date			
Accounting Classification					
MMSD Check No.	Amount	Date	Voucher No.		

File No.:
Records Center

December 18, 2017

Mr. Courtney Allen
Milwaukee Metropolitan Sewerage District
260 West Seeboth Avenue
Milwaukee, WI 53204-1446

Re: Kinnickinnic River I-94 to Becher Habitat Restoration Project Invoice for November 2017
MMSD Contract No. W40011E01
MARS Project Number: 1681a

VIA: E-MAIL

Dear Courtney,

Attached is the invoice covering the work conducted during November 2017 for the Kinnickinnic River I-94 to Becher Habitat Restoration Project. Tasks covered include:

- Task A – Project management including subconsultant management and status report presentation to District staff,
- Task B – Submitted habitat design QAPP and began floodplain permitting modeling;
- Task C – Analyzed data from first aeration test; and
- Task D – Habitat Design conceptual plan draft completion.

The invoice contains several subconsultant and subcontractor invoices, including:

- PODS – Monthly rental for storage POD at Flushing Station
- Cardno – Fees for completion of wetland delineation and habitat design conceptual plan revisions.

More detail is provided within the enclosed November Status Report. Please contact me at 608-839-6206 with any questions.

Sincerely,



Montgomery Associates: Resource Solutions, LLC

12/18/2017

Page 2

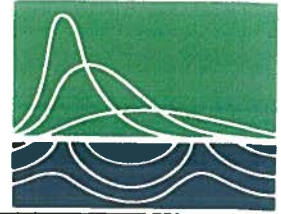


Nick Hayden
Water Resources Engineer

Enclosures: Request for Payment
 Invoice Number 18277 and Sub Invoices
 November Status Report

Montgomery Associates - Resource Solutions LLC

119 South Main Street
Cottage Grove, WI 53527-
Tel: (608) 839-4422 Fax: (608) 839-3322
admin@ma-rs.org
www.ma-rs.org



Invoice

Milwaukee Metropolitan Sewerage Dist
260 West Seebooth Street
Milwaukee, WI 53204

Invoice Date: Dec 18, 2017

Invoice Num: 18277

Billing Through: Nov 30, 2017

1681a - MMSD - Kinnickinnic (KK) River Habitat Reh (1681a) - PO#: W40011E01 - Managed by (NGH)

Services	Hours	Rate	Amount
Task A - Project Management			
Senior Engineer - MTS	6.00	\$150.00	\$900.00
Project Engineer 1 - NGH	14.00	\$110.00	\$1,540.00
Principal-in-Charge - RJM	3.00	\$160.00	\$480.00
Task B - Regulatory Analysis, Permitting and QAAP			
Project Engineer 1 - NGH	0.50	\$110.00	\$55.00
Senior Engineer - SJG	0.25	\$150.00	\$37.50
Task C - Aeration Pilot Study			
Senior Engineer - MTS	12.25	\$150.00	\$1,837.50
Project Engineer 1 - NGH	4.75	\$110.00	\$522.50
Task D - Design River Habitat Rehabilitation			
Senior Engineer - MTS	1.50	\$150.00	\$225.00
Project Engineer 1 - NGH	41.50	\$110.00	\$4,565.00
Principal-in-Charge - RJM	3.00	\$160.00	\$480.00
Total Service Amount:			\$10,642.50

Reimbursable Expenses:

Date	Employee ID	Description	Amount
11/19/2017	MARS	Inv#058000033245	\$167.90
11/24/2017	Cardno	75.1 Subcontractor	\$1,975.00

Total Expenses: **\$2,142.90**

Amount Due This Invoice: **\$12,785.40**

This invoice is due upon receipt

Thank you for your business!



Wisconsin Portable Storage, LLC
PO Box 791003
Baltimore, MD 21279-1003

THANK YOU FOR CHOOSING PODS!

Invoice No.	Z058000033245
Customer Account	134085400
Invoice Date	11/19/2017
Due Date	11/20/2017
Enrolled in AutoPay. Payment will be processed on 11/20/2017	
Order No.	904535
Page	1 of 1

Attn: Nick Hayden
Montgomery Associates: Resource Solutions
119 S Main St
Cottage Grove, WI 53527

Need to Contact Us?

Our Business Solutions Team Specialists
are available
Monday - Friday, 8:00am - 8:00pm
Saturday 8:00am - 4:30pm EST.
You can reach us by Phone at 1-855-500-7637
or by email at Businessteam@PODS.com

PO #:			Qty	Price	Discount	Amount	Tax	Total
Container Id	Monthly Rental of Container at Your Location	11/20/17-12/19/17	1	\$ 159.00	\$ 0.00	\$ 159.00	\$ 8.90	\$ 167.90
61A58	2600 block of S Chase Ave (construction site), Milwaukee, WI 53207							
Subtotal:						\$ 159.00	\$ 8.90	\$ 167.90
Invoice Total:						\$ 159.00	\$ 8.90	\$ 167.90



Cut Remittance Here



*** To Ensure Proper Credit, Please Detach This Remittance and Return With your Payment ***



Wisconsin Portable Storage, LLC
PO Box 791003
Baltimore, MD 21279-1003

Customer account number 134085400
Invoice amount \$ 167.90
Due Date 11/20/2017
Enrolled in AutoPay. Payment will be processed on 11/20/2017
Attn: Nick Hayden
Montgomery Associates: Resource Solutions
119 S Main St
Cottage Grove, WI 53527

Invoice No.
Z058000033245

Total Amount Enclosed

\$

Make checks payable to:
Wisconsin Portable Storage, LLC

1340854003Z058000033245000167901



Check Remittance:
Cardno, Inc.
P.O. Box 123422
Dallas, TX 75312-3422

INVOICE

EFT Remittance:
Account Name: Cardno, Inc.
Bank Name: HSBC Bank USA, NA
ABA Number: 123006389
Account Number: 447006894
Email Notification: CBS EFT@cardno.com
Taxpayer ID No. 45-2663666

Corporate Headquarters: 10004 Park Meadows Drive Suite 300, Lone Tree, CO 80124

Phone: 720 257 5800 Fax: 720 257 5801

www.cardno.com

Please include an invoice copy with payment or reference the invoice number(s) and project number(s) on your remittance.

Michael Schwar
Montgomery Associates Resource Solu
119 S Main Street
Cottage Grove WI 53527

Invoice # : 246973
Project : J173234100
Invoice Date : December 12, 2017
Project Manager : Schwar, Heather
Terms : 30 Days

Project Name : MARS: MMSD KK River I-94 to Becher St. Habitat Restoration

MARS Project Number: 1681a

For Professional Services Rendered Through: 11/24/2017

Phase : 12 - Wetland Delineation & ER Review, Task 2

Professional Personnel

	<i>Hours</i>	<i>Amount</i>
CADD/Drafting GIS	1.00	80.00
Senior Consultant	0.50	57.50
Total Professional Personnel	1.50	137.50

Unit Billing

	<i>Units</i>	<i>Amount</i>
GPS Rental		
ENVIRO/GEOTECH SUPPLIES	150.00	150.00
Total Units		150.00

Total This Phase \$287.50

Phase : 22A - Conceptual Plan Development, Task 3

Professional Personnel

	<i>Hours</i>	<i>Amount</i>
Senior Consultant	9.50	1,687.50
Total Professional Personnel	9.50	1,687.50

Total This Phase \$1,687.50

Amount Due This Invoice \$1,975.00

	Current	Prior	Total
Billings to Date	1,975.00	13,053.24	15,028.24
Project Limit			28,200.00
Remaining			13,171.76

Outstanding Invoices

Number	Date	Balance
246973	12/12/2017	1,975.00
242568	10/05/2017	6,608.48
245390	11/14/2017	6,444.76
Total Now Due		15,028.24

Aging Balances

Under 30	31 - 60	61 - 90	Over 90
8,419.76	0.00	6,608.48	0.00

Billing Backup

Tuesday, December 12, 2017

Phase : 12 - Wetland Delineation & ER Review, Task 2

Professional Personnel

<u>Class / Employee Name</u>	<u>Date</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
------------------------------	-------------	--------------	-------------	---------------

CADD/Drafting GIS

Cohen, Alexander J.

11/1/2017

1.00

80.00

80.00

Data and figure updates

Senior Consultant

Roos, Robert C.

11/1/2017

0.50

115.00

57.50

Wetland Edits

Total Professional Personnel**137.50**

Unit Billing

<u>Vendor / Employee Name</u>	<u>Invoice Number</u>	<u>Date</u>	<u>Units</u>	<u>Rate</u>	<u>Amount</u>
-------------------------------	-----------------------	-------------	--------------	-------------	---------------

GPS Rental

93205

10/30/2017

150.00

1.00

150.00

RR 10-30-17 1 DAY GPS RENTAL

Total Units**150.00****Total This Phase****\$287.50**

Phase : 22A - Conceptual Plan Development, Task 3

Professional Personnel

<u>Class / Employee Name</u>	<u>Date</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
------------------------------	-------------	--------------	-------------	---------------

Senior Consultant

Schwar, Heather

11/1/2017

1.50

180.00

270.00

wetland updates to Nick , email from Nick from Site visit yesterday, invoice #2 out, wetland map and table to MARS

11/2/2017

0.50

180.00

90.00

communications

11/6/2017

2.50

180.00

450.00

conceptual design habitat call with MARS. Pull together pictures and plans for habitat structures, habitat construction cost estimate

11/7/2017

3.00

180.00

540.00

habitat enhancement write-up and costs

11/14/2017

0.50

180.00

90.00

invoice from October to MARS, call to Nick

8.00

1,440.00

Salas, Daniel J.

11/6/2017

1.50

165.00

247.50

concept plan discussion and cost estimation

Total Professional Personnel**1,687.50****Total This Phase****\$1,687.50****Total This Invoice****\$1,975.00**

KINNICKINNIC RIVER (KK) RIVER HABITAT REHABILITATION

CONTRACT NO. W40011E01

MONTHLY STATUS REPORT – P8550

Report for period ending November 30, 2017

1. Overall Project Schedule

MARS will move forward with preliminary design work while waiting final approval on design conceptual plan from District leadership and AOC.

2. Schedule Narrative

A. Activities completed this report period

i. Project Management (Task A)

Monthly project meeting with MMSD and WDNR on November 30. Compiled and distributed meeting notes.

ii. Regulatory Analysis and Permitting (Task B)

Submitted final habitat design QAPP.

iii. Aeration Pilot Study (Task C)

Prepared first aeration test summary slides for progress meeting.

iv. Habitat Design (Task D)

Presented conceptual plan to District leadership on November 30.

B. Activities in progress this reporting period

i. Project Management (Task A)

Ongoing project management (billing, sub coordination, communication, etc.)

ii. Regulatory Analysis and Permitting (Task B)

Discussed floodplain modeling approach with District during monthly project meeting. Requested most recent RAS models from District.

iii. Aeration Pilot Study (Task C)

Create short tech. memo. describing seiche effects and interpretation of first aeration test.

iv. Habitat Design (Task D)

Incorporate District and DNR comments to conceptual plan and submit to MMSD, DNR.

C. Activities left to complete next reporting period

i. Regulatory Analysis and Permitting (Task B)

Conduct initial hydraulic modeling for impacts to FIS model. Confirm no CLOMR needed for project.

ii. Aeration Pilot Study (Task C)

Submit tech. memo on first aeration test.

iii. Habitat Design (Task D)

Attend CAD standards meeting. Begin preliminary design tasks (hydraulic modeling, revise elements, plans, specs, cost estimates). Perform follow-up field visits for habitat design as needed. Provide survey request to District.

3. Study Issues for Resolution: *None at present time.*

4. Study Management Issues

A. Budget problems – *None at present time.*

B. Schedule problems

i. *Draft conceptual plan submittal and review later than anticipated. Will discuss potential changes to design deliverables with District PM via email.*

C. Invoice and payment status by date for entire contract:

Invoice #	Amount	Date Submitted	Date Paid
7078	\$920	7/19/2017	8/17/2017
7138	\$10,580	8/15/2017	9/11/2017
17788	\$20,453.90	9/18/2017	10/16/2017
17920	\$45,634.18	10/12/2017	11/10/2017
18112	\$22,652.56	11/17/2017	
18277	\$12,785.40	12/18/2017	

D. Percent complete task status (Amendments 3&4) –

i. Task A – 51%

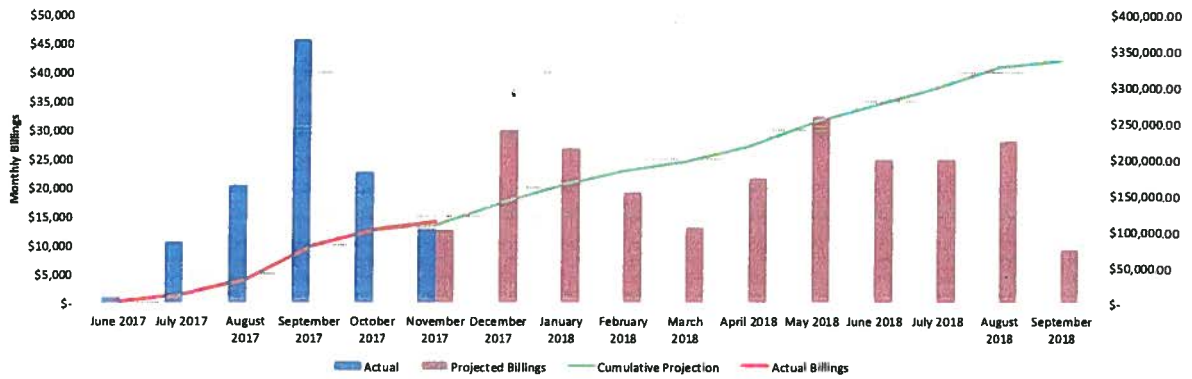
ii. Task B – 55%

iii. Task C – 47%

iv. Task D – 28%

E. Cash flow projection for entire contract:

Kinnickinnic River I-94 to Becher Street Restoration Project
MMSD Contract No. W40011E01
Cash Flow Projection - Amendments 3 & 4
12/18/2017



5. Pending items:

- A. Potential contract amendments and out-of-scope activities – none
- B. Time extensions – none
- C. Timeline for design deliverables to be discussed with District PM

6. Deliverables:

Description	Schedule	Delivered
Updated project schedule		9/5/17
Monthly status report to MMSD including schedule updates	Monthly	
Monthly meeting agendas and minutes	Monthly	
Quarterly status report to MMSD/DNR including schedule updates	Quarterly	
Copies of all permit applications, regulatory correspondence, and approved permits	Ongoing	
Completed aeration pilot study QAPP		8/29/17
Completed habitat design QAPP		11/16/17
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Aeration pilot study plan – draft final to DNR		8/11/17
Aeration pilot study plan – final		8/29/17
Aeration pilot study report – draft to MMSD	8/1/18	
Aeration pilot study report – final	9/1/18	
Habitat design conceptual plan – draft to MMSD		11/08/17
Habitat design conceptual plan – near final to DNR	12/04/17	
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Plans, specifications and cost estimates – essentially complete	2/1/18	

Plans, specifications and cost estimates – camera-ready	2/15/18	
Opinions of probable cost – preliminary (50%)	12/15/17	
Opinions of probable cost – essentially complete (90%)	2/1/18	
Opinions of probable cost – bid opening (100%)	2/15/18	
Responses to construction submittals, RFIs	2/15/18- 3/28/18	
Bid memorandum	4/1/18	
Drawing file deliverable	4/15/18	
Contract modification or claim items	Begin 5/15/18	
Construction site visit reports	Begin 5/15/18	
Record drawings – draft	9/1/18	
Record drawings - final	9/15/18	
Outreach meeting agendas and minutes	TBD	
As needed, HEC-RAS or other computer models. Models will be submitted to the District with the appropriate documentation.	TBD	
As needed, Geotechnical Boring Logs and related Excel spreadsheet information.	TBD	
As needed, aeration data and models.	TBD	

REQUEST FOR PAYMENT OF ENGINEERING SERVICES

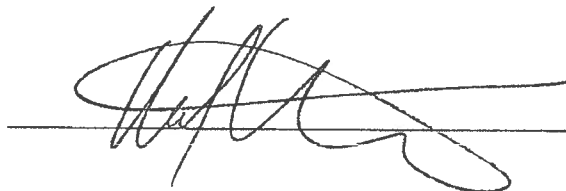
1. Milwaukee Metropolitan Sewerage District 260 West Seeboth Street Milwaukee, WI 53201-3049	2. DISTRICT CONTRACT NO. W40011E01
NAME AND ADDRESS OF ENGINEERING FIRM Montgomery Associates Resource Solutions LLC 119 South Main Street Cottage Grove, WI 53527	3. AGENCY GRANT NO. NA
	<input checked="" type="checkbox"/> Partial <input type="checkbox"/> Completion <input type="checkbox"/> Final
7. BUDGET \$346,240	5. PAYMENT REQUEST NO. 5
	6. PERIOD COVERED BY THIS REQUEST 10/01/17-10/31/17
	8. PERIOD OF PERFORMANCE (scheduled contract start/completion dates) 5/01/17 to 9/30/18

SUMMARY OF PROJECT EXPENDITURES TO DATE (MMSD-PE)

MMSD P.O. No. 8595 MMSD Charge No. ENG/649/96144	a Total Cost	b Net Fee	c Total Price	d Budget	e % Complete
Project No. W40011E01 (formerly M03081E01)			100,240.64	346,240.00	28.95%
TOTAL ALL PROJECTS TO DATE			100,240.64		
LESS: AMOUNT PREVIOUSLY SUBMITTED			77,588.08	346,240.00	22.41%
AMOUNT DUE THIS REQUEST			22,652.56	346,240.00	6.54%

I certify that to the best of my knowledge and belief the billed costs or disbursements are in accordance with the terms of the contract.

Signature of authorized Certifying Official



Robert J. Montgomery, PE, Principal
Typed Name and Title

November 16, 2017
Date

FOR DISTRICT USE ONLY

Approved for Payment \$22,652.56	Project Manager <i>Antony C. Cullen</i>	Date 11/20/17
Accounting Classification	Auditing & Loan Administrator	Date
MMSD Check No.	Amount	Date
Voucher No.		

File No.:
Records Center

November 15, 2017

Mr. Courtney Allen
Milwaukee Metropolitan Sewerage District
260 West Seeboth Avenue
Milwaukee, WI 53204-1446

Re: Kinnickinnic River I-94 to Becher Habitat Restoration Project Invoice for October 2017
MMSD Contract No. W40011E01
MARS Project Number: 1681a

VIA: E-MAIL

Dear Courtney,

Attached is the invoice covering the work conducted during October 2017 for the Kinnickinnic River I-94 to Becher Habitat Restoration Project. Tasks covered include:

- Task A – Project management including subconsultant management and status report presentation to District staff,
- Task B – Completed draft habitat design QAPP and completed wetland and cultural resource surveys;
- Task C – Analyzed data from first aeration test; and
- Task D – Habitat Design conceptual plan development and presentation.

The invoice contains several subconsultant and subcontractor invoices, including:

- PODS – Monthly rental for storage POD at Flushing Station
- Cardno – Fees for wetland delineation, cultural resources review, and habitat design conceptual plan development.

More detail is provided within the enclosed October Status Report. Please contact me at 608-839-6206 with any questions.

Sincerely,



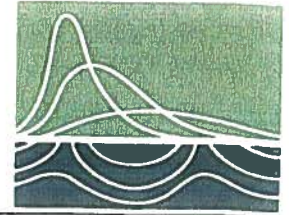
Montgomery Associates: Resource Solutions, LLC

Nick Hayden
Water Resources Engineer

Enclosures: Request for Payment
 Invoice Number 18094 and Sub Invoices
 October Progress Report

Montgomery Associates - Resource Solutions LLC

119 South Main Street
 Cottage Grove, WI 53527-
 Tel: (608) 839-4422 Fax: (608) 839-3322
 admin@ma-rs.org
 www.ma-rs.org

**Invoice**

Milwaukee Metropolitan Sewerage Dist
 260 West Seebooth Street
 Milwaukee, WI 53204

Invoice Date: Nov 15, 2017
Invoice Num: 18094
Billing Through: Oct 31, 2017

1681a - MMSD - Kinnickinnic (KK) River Habitat Reh (1681a:) - PO#: W40011E01 - Managed by (NGH)

Services

	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Task A - Project Management			
Senior Engineer - MTS	7.00	\$150.00	\$1,050.00
Project Engineer I - NGH	18.50	\$110.00	\$2,035.00
Task B - Regulatory Analysis, Permitting and QAAP			
Project Engineer I - NGH	1.00	\$110.00	\$110.00
Task C - Aeration Pilot Study			
Project Engineer I - EAM	5.50	\$75.00	\$412.50
Senior Engineer - MTS	3.25	\$150.00	\$487.50
Project Engineer I - NGH	6.50	\$110.00	\$715.00
Principal-in-Charge - RJM	1.00	\$160.00	\$160.00
Task D - Design River Habitat Rehabilitation			
Staff Engineer - DWM	1.00	\$100.00	\$100.00
Senior Engineer - MTS	14.00	\$150.00	\$2,100.00
Project Engineer I - NGH	72.50	\$110.00	\$7,975.00
Principal-in-Charge - RJM	4.50	\$160.00	\$720.00
Total Service Amount:			\$15,865.00

Reimbursable Expenses:

<u>Date</u>	<u>Employee ID</u>	<u>Description</u>	<u>Amount</u>
10/2/2017	MARS	Monitoring Equipment	\$100.00
10/20/2017	MARS	Reimbursable Expenses - POD storage	\$167.90
10/31/2017	MARS	Mileage	\$74.90
10/31/2017	Cardno	Inv#245390	\$6,444.76

Total Expenses: **\$6,787.56**

Amount Due This Invoice: **\$22,652.56**

This invoice is due upon receipt

Thank you for your business!



Wisconsin Portable Storage, LLC
PO Box 791003
Baltimore, MD 21279-1003

THANK YOU FOR CHOOSING PODS!

Invoice No. Z058000031951
Customer Account 134085400
Invoice Date 10/19/2017
Due Date 10/20/2017
Enrolled in AutoPay. Payment will be processed on 10/20/2017
Order No. 904535
Page 1 of 1

Attn: Nick Hayden
Montgomery Associates: Resource Solutions
119 S Main St
Cottage Grove, WI 53527

Need to Contact Us?

Our Business Solutions Team Specialists
are available
Monday - Friday, 8:00am - 8:00pm
Saturday 8:00am - 4:30pm EST.
You can reach us by Phone at 1-855-500-7637
or by email at Businessteam@PODS.com

PO #:		Qty	Price	Discount	Amount	Tax	Total
Container Id 61A58	Monthly Rental of Container at Your Location 2600 block of S Chase Ave (construction site), Milwaukee, WI 53207	1	\$ 159.00	\$ 0.00	\$ 159.00	\$ 8.90	\$ 167.90
Subtotal:					\$ 159.00	\$ 8.90	\$ 167.90

Invoice Total: \$ 159.00 \$ 8.90 \$ 167.90



Cut Remittance Here



*** To Ensure Proper Credit, Please Detach This Remittance and Return With your Payment ***



Wisconsin Portable Storage, LLC
PO Box 791003
Baltimore, MD 21279-1003

Customer account number 134085400
Invoice amount \$ 167.90
Due Date 10/20/2017
Enrolled in AutoPay. Payment will be processed on 10/20/2017
Attn: Nick Hayden
Montgomery Associates: Resource Solutions
119 S Main St
Cottage Grove, WI 53527

Invoice No.
Z058000031951

Total Amount Enclosed

\$

Make checks payable to:
Wisconsin Portable Storage, LLC

1340854003Z058000031951000167907



Check Remittance:
Cardno, Inc.
P.O. Box 123422
Dallas, TX 75312-3422

INVOICE

EFT Remittance:
Account Name: Cardno, Inc.
Bank Name: HSBC Bank USA, NA
ABA Number: 123006389
Account Number: 447006894
Email Notification: CBS.EFT@cardno.com
Taxpayer ID No. 45-2663666

Corporate Headquarters: 10004 Park Meadows Drive Suite 300, Lone Tree, CO 80124 Phone: 720 257 5800 Fax: 720 257 5801 www.cardno.com
Please include an invoice copy with payment or reference the invoice number(s) and project number(s) on your remittance.

Michael Schwar
Montgomery Associates Resource Solu
119 S Main Street
Cottage Grove WI 53527

Invoice # : 245390
Project : J173234100
Invoice Date : November 14, 2017
Project Manager : Schwar, Heather
Terms : 30 Days

Project Name : MARS: MMSD KK River I-94 to Becher St. Habitat Restoration

MARS Project Number: 1681a

For Professional Services Rendered Through: 10/31/2017

Phase : 12 - Wetland Delineation & ER Review, Task 2

Professional Personnel

	<i>Hours</i>	<i>Amount</i>
CADD/Drafting GIS	3.50	280.00
Senior Consultant	0.75	1,485.00
Senior Project Scientist	7.00	854.00
Senior Staff Scientist	1.00	105.00
Total Professional Personnel	22.25	2,704.00

Reimbursable Expenses

	<i>Amount</i>
MILEAGE	109.51
Total Reimbursables	109.51

Total This Phase \$2,813.51

Phase : 22A - Conceptual Plan Development, Task 3

Professional Personnel

	<i>Hours</i>	<i>Amount</i>
Senior Consultant	10.25	1,781.25
Total Professional Personnel	10.25	1,781.25

Total This Phase \$1,781.25

Phase : 25 - Cultural Resources Phase 1, Task 2

Professional Personnel

	<i>Hours</i>	<i>Amount</i>
Senior Consultant	5.50	730.00
Technician	16.00	1,120.00
Total Professional Personnel	21.50	1,850.00

Total This Phase \$1,850.00

Amount Due This Invoice \$6,444.76

	Current	Prior	Total
Billings to Date	6,444.76	6,608.48	13,053.24
Project Limit			28,200.00
Remaining			15,146.76

Outstanding Invoices

Number	Date	Balance
245390	11/14/2017	6,444.76
242568	10/05/2017	6,608.48
Total Now Due		13,053.24

Aging Balances

Under 30	31 - 60	61 - 90	Over 90
6,444.76	6,608.48	0.00	0.00

Billing Backup

Tuesday, November 14, 2017

Phase : 12 - Wetland Delineation & ER Review, Task 2

Professional Personnel

<u>Class / Employee Name</u>	<u>Date</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
CADD/Drafting GIS				
Cohen, Alexander J.				
	10/2/2017	1.00	80.00	80.00
Photo processing and photo pages, correspondence/coordination	10/3/2017	0.50	80.00	40.00
Report tables/figure updates	10/4/2017	0.25	80.00	20.00
Figure/data update	10/25/2017	0.25	80.00	20.00
Correspondence/support	10/26/2017	0.25	80.00	20.00
Correspondence/support	10/30/2017	1.00	80.00	80.00
GIS/AGO updates and coordination	10/31/2017	0.25	80.00	20.00
GIS support		3.50		280.00
Senior Consultant				
Schwar, Heather				
	10/5/2017	0.25	180.00	45.00
email report to MARS for review/comments	10/16/2017	0.75	180.00	135.00
revisions to wetland report and communications with MARS	10/16/2017	0.75	180.00	135.00
communications regarding WDNR and wetland permit	10/17/2017	0.25	180.00	45.00
call with Kathy regarding USACE permit review	10/19/2017	0.50	180.00	90.00
wetland checkin with Dan. WDNR delineation map request	10/25/2017	0.50	180.00	90.00
wetland visit planning with Stacy Hron for next week		2.75		495.00
Salas, Daniel J.				
	10/25/2017	1.00	165.00	165.00
wetland concurrence coordination				
Roos, Robert C.				
	10/2/2017	0.25	115.00	28.75
project updates	10/4/2017	1.00	115.00	115.00
wetland delineation report edits and send off	10/20/2017	0.25	115.00	28.75
wetland delineation concurrence support	10/26/2017	0.25	115.00	28.75
coordination of wetland delineation concurrence site visit	10/30/2017	0.25	115.00	28.75
site visit prep	10/31/2017	3.50	115.00	402.50
air travel wetland delineation concurrence visit w DNR	10/31/2017	1.50	115.00	172.50
wetland delineation concurrence visit w DNR		7.00		805.00

Billing Backup

Tuesday, November 14, 2017

Phase : 12 - Wetland Delineation & ER Review, Task 2

Professional Personnel

Class / Employee Name	Date	Hours	Rate	Amount
-----------------------	------	-------	------	--------

Senior Project Scientist

Melland, Kathleen

10/3/2017

7.00

122.00

854.00

Wetland Delineation Report

Senior Staff Scientist

Loesch, Jameson L.

10/20/2017

1.00

105.00

105.00

Delineation figure updates.

Total Professional Personnel**2,704.00**

Reimbursable Expenses

Vendor Name	Invoice Number	Date	Cost	Multiplier	Amount
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Roos, Robert C.

147728

10/31/2017

95.23

1.15

109.51

Wdnr Concurrence Visit; 178 Miles @0.535 Per Mile

Total Reimbursables**109.51****Total This Phase****\$2,813.51**

Phase : 22A - Conceptual Plan Development, Task 3

Professional Personnel

Class / Employee Name	Date	Hours	Rate	Amount
-----------------------	------	-------	------	--------

Senior Consultant

Schwar, Heather

10/3/2017

0.75

180.00

135.00

invoice #1, conceptual design notes

10/4/2017

1.50

180.00

270.00

conceptual design meeting with MARS

10/5/2017

1.00

180.00

180.00

project management including scheduling for bumblebee meeting, invoice #1, soils discussion for arch

10/10/2017

0.75

180.00

135.00

review of conceptual plan meeting notes, status email to MARS

10/30/2017

1.00

180.00

180.00

design memo review

10/31/2017

1.00

180.00

180.00

design discussion with Dan, comments to MARS

6.00

1,080.00

Salas, Daniel J.

10/2/2017

0.25

165.00

41.25

delineation coordination

10/3/2017

0.50

82.50

41.25

map and data downloads; delineation report support

10/4/2017

2.50

165.00

412.50

habitat concepts review meeting; prep/follow up

10/18/2017

0.25

165.00

41.25

RPBB call and discussion

10/19/2017

0.25

165.00

41.25

wetland concurrence support

10/31/2017

0.50

165.00

82.50

discussion of edits and recommendations

4.25

701.25

Billing Backup

Tuesday, November 14, 2017

Phase : 22A - Conceptual Plan Development, Task 3

Total Professional Personnel

1,781.25

Total This Phase

\$1,781.25

Phase : 25 - Cultural Resources Phase 1, Task 2

Professional Personnel

<u>Class / Employee Name</u>	<u>Date</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
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Senior Consultant

Howell, Ryan

10/6/2017

3.00

115.00

345.00

KK RIVER- CR review writeup

10/10/2017

1.00

115.00

115.00

KK River CR report edits

4.00-----
460.00

Schwar, Heather

10/10/2017

0.50

180.00

90.00

Meeting with Ryan to discuss summary memo

10/11/2017

1.00

180.00

180.00

Cultural Resources Memo to MARS

1.50-----
270.00

Technician

Professional Personnel

10/2/2017

8.00

70.00

560.00

Cultural resource support.

10/3/2017

8.00

70.00

560.00

Cultural resource support.

16.00-----
1,120.00

Total Professional Personnel

1,850.00

Total This Phase

\$1,850.00

Total This Invoice

\$6,444.76

KINNICKINNIC RIVER (KK) RIVER HABITAT RESTORATION

CONTRACT NO. W40011E01

MONTHLY STATUS REPORT – P8550

Report for period ending October 31, 2017

1. Overall Project Schedule

Design Conceptual Plan was presented at progress meeting on October 31st, 2017, and a revised timeline for draft conceptual plan delivery to MMSD, DNR was agreed upon.

2. Schedule Narrative

A. Activities completed this report period

i. Project Management (Task A)

Monthly project meeting with MMSD and WDNR on October 31. Compiled and distributed meeting notes.

ii. Regulatory Analysis and Permitting (Task B)

Completed wetland and cultural reviews. Submitted draft habitat design QAPP.

iii. Aeration Pilot Study (Task C)

Analyzed sonde data and grab sample results for first aeration test.

iv. Habitat Design (Task D)

Created first draft conceptual plan for habitat design and presented elements to MMSD, DNR.

B. Activities in progress this reporting period

i. Project Management (Task A)

Ongoing project management (billing, sub coordination, communication, etc.)

ii. Regulatory Analysis and Permitting (Task B)

Submit final habitat design QAPP. Coordinate with MMSD, local floodplain administrators re: floodplain impacts.

iii. Aeration Pilot Study (Task C)

Create short tech. memo. describing interpretation of first aeration test.

iv. Habitat Design (Task D)

Finish draft conceptual plan and submit to MMSD, DNR.

C. Activities left to complete next reporting period

i. Regulatory Analysis and Permitting (Task B)

Conduct initial hydraulic modeling.

ii. Aeration Pilot Study (Task C)

Submit tech. memo on first aeration test.

iii. Habitat Design (Task D)

Attend CAD standards meeting. Begin preliminary design tasks (hydraulic modeling, revise elements, plans, specs, cost estimates). Perform follow-up field visits for habitat design as needed.

3. Study Issues for Resolution: *None at present time.*

4. Study Management Issues

A. Budget problems – *None at present time.*

B. Schedule problems - *Draft Conceptual plan to be delivered ~3 weeks later than originally anticipated. No need to adjust other design deliverables confirmed at this time but will depend on review length / changes requested.*

C. Invoice and payment status by date for entire contract:

Invoice #	Amount	Date Submitted	Date Paid
7078	\$920	7/19/2017	8/17/2017
7138	\$10,580	8/15/2017	9/11/2017
17788	\$20,453.90	9/18/2017	10/16/2017
17920	\$45,634.18	10/12/2017	11/10/2017
18094	\$22,652.56	11/17/2017	

D. Percent complete task status (Amendments 3&4) –

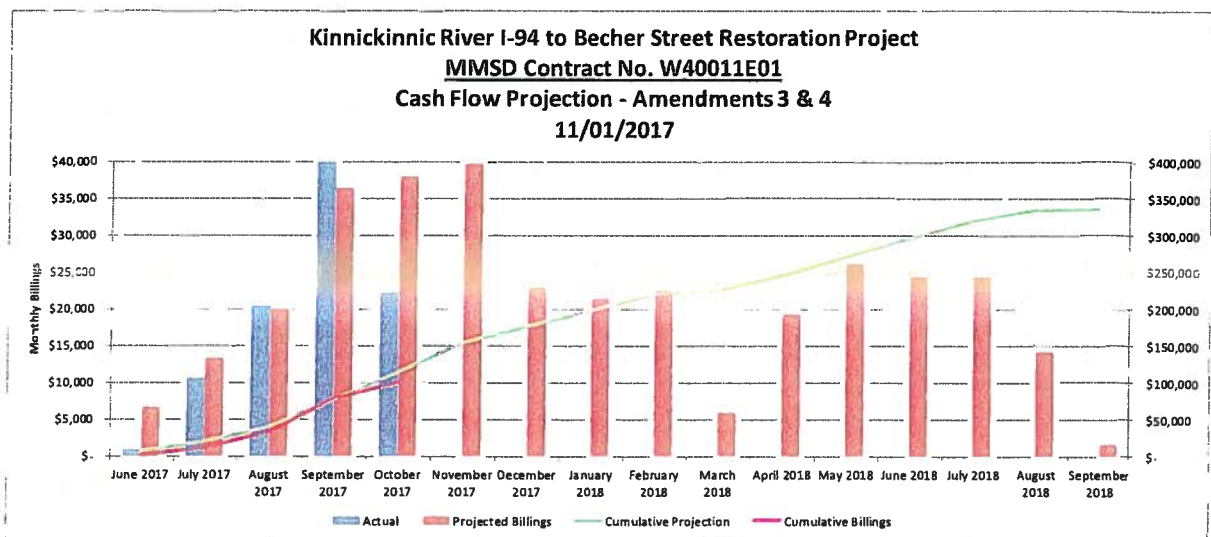
i. Task A – 41%

ii. Task B – 53%

iii. Task C – 45%

iv. Task D – 21%

E. Cash flow projection for entire contract:



5. Pending items:

- A. Potential contract amendments and out-of-scope activities – none
- B. Time extensions – none
- C. *At the floodplain discussion (10/31), it was identified that we will need an approved FEMA CLOMR before going out to bid. FEMA has an initial review time of 90 days, with an additional 90 days if any changes are requested and re-submitted. This could delay bidding and construction. MARS will prioritize hydraulic modeling and will submit CLOMR based on preliminary design, per Susan's recommendation.*

6. Deliverables:

Description	Schedule	Delivered
Updated project schedule		9/5/17
Monthly status report to MMSD including schedule updates	Monthly	
Monthly meeting agendas and minutes	Monthly	
Quarterly status report to MMSD/DNR including schedule updates	Quarterly	
Copies of all permit applications, regulatory correspondence, and approved permits	Ongoing	
Completed aeration pilot study QAPP		8/29/17
Completed habitat design QAPP	11/10/17	
Aeration pilot study plan – draft		7/31/17
Aeration pilot study plan – draft final to DNR		8/11/17
Aeration pilot study plan – final		8/29/17
Aeration pilot study report – draft to MMSD	8/1/18	
Aeration pilot study report – final	9/1/18	
Habitat design conceptual plan – draft to MMSD	11/08/17	
Habitat design conceptual plan – near final to DNR	11/08/17	
Habitat design conceptual plan – final	12/01/17	
Habitat design report – draft to MMSD	12/15/17	
Habitat design report – near final to DNR	1/1/18	
Habitat design report - final	2/1/18	
Plans, specifications and cost estimates – preliminary	12/15/17	
Plans, specifications and cost estimates – essentially complete	2/1/18	

Plans, specifications and cost estimates – camera-ready	2/15/18	
Opinions of probable cost – preliminary (50%)	12/15/17	
Opinions of probable cost – essentially complete (90%)	2/1/18	
Opinions of probable cost – bid opening (100%)	2/15/18	
Responses to construction submittals, RFIs	2/15/18- 3/28/18	
Bid memorandum	4/1/18	
Drawing file deliverable	4/15/18	
Contract modification or claim items	Begin 5/15/18	
Construction site visit reports	Begin 5/15/18	
Record drawings – draft	9/1/18	
Record drawings - final	9/15/18	
Outreach meeting agendas and minutes	TBD	
As needed, HEC-RAS or other computer models. Models will be submitted to the District with the appropriate documentation.	TBD	
As needed, Geotechnical Boring Logs and related Excel spreadsheet information.	TBD	
As needed, aeration data and models.	TBD	