



7/20/17 via USPS to WDNR:
Emily Punke, Grant Coordinator
WDNR
Office of Great Water, OGW/3
P.O. Box 7921
Madison, WI 53707
W40011E01.D3500

Invoice

Date: July 13, 2017

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: 05/01/2017 to 06/30/2017

Purchase Order: 37000-0000004798

Description of Work Completed	Unit/ rate	Cost	Amount
Design Costs:			
Personnel MMSD			3,958.00
Fringe Benefits (99.6%)			3,943.00
Pilot Study:			
Montgomery Associates			920.00
	Total invoice		8,821.00

Milwaukee Metropolitan Sewerage District

260 W. Seeboth Street, Milwaukee, WI 53204-1446

414-272-5100 www.mmsd.com

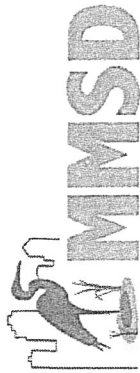
AC290 Date 07/13/17
Time 09:45

Transaction Listing Activities: 96144

Page 1

Account Category Group: ALL CATEGORIES
05/01/17 - 06/30/17

PostDate	Sy Co	Account	Reference	Description	Amount	Curr	Unit
Activity Group : ABC Activity : 96144 Attributes :							
ABC & O&M Projects Kinnickinnic River Habitat Reh USD 00083-0083-96144							
Management Employees							
05/27/17	PR	1000 ENG	000511-0000	PR198 Expense accrual	24.44	USD	1.00
05/27/17	PR	1000 ENG	000511-0000	PR198 Expense accrual	166.27	USD	3.00
05/27/17	PR	1000 ENG	000511-0000	PR198 Expense accrual	218.28	USD	5.00
05/27/17	PR	1000 ENG	000511-0000	PR198 Expense accrual	900.66	USD	21.00
05/27/17	PR	1000 EXD	000511-0000	PR198 Expense accrual	57.44	USD	1.00
05/27/17	PR	1000 IWC	000511-0000	PR198 Expense accrual	208.76	USD	5.00
05/27/17	PR	1000 LGS	000511-0000	PR198 Expense accrual	200.61	USD	3.00
06/10/17	PR	1000 ENG	000511-0000	PR198 Expense accrual	249.41	USD	4.50
06/10/17	PR	1000 ENG	000511-0000	PR198 Expense accrual	729.12	USD	17.00
06/10/17	PR	1000 EXD	000511-0000	PR198 Expense accrual	57.44	USD	1.00
06/10/17	PR	1000 PLN	000511-0000	PR198 Expense accrual	161.57	USD	2.00
06/24/17	PR	1000 ENG	000511-0000	PR198 Expense accrual	55.42	USD	1.00
06/24/17	PR	1000 ENG	000511-0000	PR198 Expense accrual	686.23	USD	16.00
06/24/17	PR	1000 PLN	000511-0000	PR198 Expense accrual	242.35	USD	3.00
Acct Category Totals: 511					3,958.00		83.50
Activity Totals : 96144					3,958.00		83.50
Activity Grp Totals : ABC					3,958.00		83.50
Report Totals :					3,958.00		83.50



PARTNERS FOR A CLEANER ENVIRONMENT

Milwaukee Metropolitan Sewerage District ABC LABOR HOURS & DOLLARS REPORT

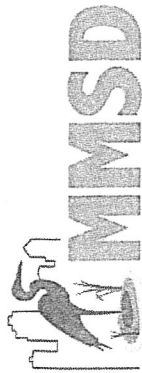
By Project Number, Department, Employee

Run Date/Time: 7/13/2017 3:05 PM
Report Owner: S. Sigl
Report Name: PR606

Beginning with Pay Period Start Date: 5/28/2017 Ending with Pay
Period End Date: 6/10/2017

O&M Activity/ Cap. Pgm Nbr	Description	Dept	Acct	Enbr	EmployeeName	Current Ending Pay		Year To Date	
						Hours	Labor \$	Hours YTD	Labor \$ YTD
96144	Kinnickinnic River Habitat Reh	ENG	511	71824	ALLEN, COURTNEY G	17.00	729.12	17.00	729.12
96144	Kinnickinnic River Habitat Reh	ENG	511	67486	WRIGHT, JENNIFER B	4.50	249.41	4.50	249.41
96144	Kinnickinnic River Habitat Reh	EXD	511	67138	CHAPMAN, THOMAS W	1.00	57.44	1.00	57.44
96144	Kinnickinnic River Habitat Reh	PLN	511	69977	MARTIN, MICHAEL J	2.00	161.57	2.00	161.57

1,197.54



PARTNERS FOR A CLEANER ENVIRONMENT

Milwaukee Metropolitan Sewerage District ABC LABOR HOURS & DOLLARS REPORT

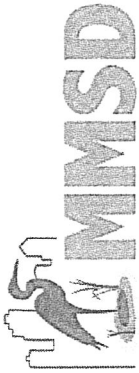
By Project Number, Department, Employee

Run Date/Time: 7/13/2017
12:28 PM
Report Owner: S. Sigl
Report Name: PR606

Beginning with Pay Period Start Date: 5/1/2017 Ending with Pay
Period End Date: 5/31/2017

O&M Activity/ Cap. Pgm Nbr	Description	Dept	Acct	Enbr	EmployeeName	Current Ending Pay		Year To Date	
						Hours	Labor \$	Hours YTD	Labor \$ YTD
96144	Kinnickinnic River Habitat Reh	ENG	511	71824	ALLEN, COURTNEY G	21.00	900.66	21.00	900.66
96144	Kinnickinnic River Habitat Reh	ENG	511	69309	ELLIOTT, PATRICK C	5.00	218.28	5.00	218.28
96144	Kinnickinnic River Habitat Reh	ENG	511	58491	MAX, DONNA L	1.00	24.44	1.00	24.44
96144	Kinnickinnic River Habitat Reh	ENG	511	67486	WRIGHT, JENNIFER B	3.00	166.27	3.00	166.27
96144	Kinnickinnic River Habitat Reh	EXD	511	67138	CHAPMAN, THOMAS W	1.00	57.44	1.00	57.44
96144	Kinnickinnic River Habitat Reh	IWC	511	72555	SAUER, ELIZABETH P	5.00	208.76	5.00	208.76
96144	Kinnickinnic River Habitat Reh	LGS	511	72506	LAZARSKI, KATHERINE E	3.00	200.61	3.00	200.61

1,776.46



PARTNERS FOR A CLEANER ENVIRONMENT

Milwaukee Metropolitan Sewerage District ABC LABOR HOURS & DOLLARS REPORT

By Project Number, Department, Employee

Run Date/Time: 7/13/2017 3:10 PM
Report Owner: S. Sigl
Report Name: PR606

Beginning with Pay Period Start Date: 6/11/2017 Ending with Pay
Period End Date: 6/24/2017

O&M Activity/ Cap Pgm Nbr	Description	Dept	Acct	Enbr	EmployeeName	Current Ending Pay		Year To Date	
						Hours	Labor \$	Hours YTD	Labor \$ YTD
96144	Kinnickinnic River Habitat Reh	ENG	511	71824	ALLEN, COURTNEY G	16.00	686.23	16.00	686.23
96144	Kinnickinnic River Habitat Reh	ENG	511	67486	WRIGHT, JENNIFER B	1.00	55.42	1.00	55.42
96144	Kinnickinnic River Habitat Reh	PLN	511	69977	MARTIN, MICHAEL J	3.00	242.35	3.00	242.35

984.00



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460
COGNIZANT AGENCY
NEGOTIATION AGREEMENT

Page 1 of 2

Milwaukee Metropolitan
Sewerage District
Milwaukee, WI

Date: February 7, 2017
Filing Ref: January 4, 2016

The indirect cost rates contained herein are for use on grants and contracts with the Federal Government to which Office of Management and Budget 2 CFR Part 200 applies, subject to the limitations contained in the Circular and in Section II, A below.

SECTION I: RATE

<u>Type</u>	<u>Effective Period</u>		<u>Rate</u>	<u>Base</u>
	<u>From</u>	<u>To</u>		
Fixed:				
Fringe Benefits	1/1/2017	12/31/2017	99.60%	(a)
Indirect Costs	1/1/2017	12/31/2017	119.70%	(a)

Basis for Application

(a) Direct salaries and wages.

Treatment of Fringe Benefits: Fringe benefits applicable to direct salaries and wages are included in the fringe benefit rate cited above.

SECTION II: GENERAL

A. LIMITATIONS: The rates in this Agreement are subject to any statutory and administrative limitations and apply to a given grant, contract or other agreement only to the extent that funds are available. Acceptance of the rates is subject to the following conditions: (1) Only costs incurred by the department/agency or allocated to the department/agency by an approved cost allocation plan were included in the indirect cost pool as finally accepted; such costs are legal obligations of the department/agency and are allowable under governing cost principles; (2) The same costs that have been treated as indirect costs have not been claimed as direct costs; (3) Similar types of costs have been accorded consistent accounting treatment; and (4) The information provided by the department/agency which was used to establish the rates is not later found to be materially incomplete or inaccurate by the Federal Government. In such situations the rate(s) would be subject to renegotiation at the discretion of the Federal Government.

B. CHANGES. The fixed rate contained in this agreement is based on the organizational structure and the accounting system in effect at the time the proposal was submitted. Changes in the organizational structure or changes in the method of accounting for costs which affect the amount of reimbursement resulting from use of the rate in this agreement, require the prior approval of the authorized representative of the responsible negotiation agency. Failure to obtain such approval may result in subsequent audit disallowances.

C. THE FIXED RATE contained in this agreement is based on an estimate of the cost which will be incurred during the period for which the rate applies. When the actual costs for such a period have been determined, an adjustment will be made in the negotiation following such determination to compensate for the difference between the cost used to establish the fixed rate and that which would have been used were the actual costs known at the time.

D. NOTIFICATION TO FEDERAL AGENCIES: Copies of this document may be provided to other Federal agencies as a means of notifying them of the agreement contained herein.

E. SPECIAL REMARKS: Please confirm your acceptance of the terms of the indirect cost rate agreement by signing and returning this letter to me. Please retain a copy for your records.

ACCEPTANCE

The undersigned official warrants
that he/she has the proper authority
to execute this agreement on the
behalf of the State Agency:

David Deiringe
(Signature)

David Deiringe
(Name)

Supervisor of Revenue & Fixed Assets
(Title)

Milwaukee Metropolitan Sewerage District
(Agency)

2/17/17
(Date)

By the Federal Agency:

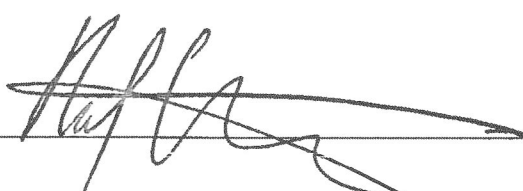
Jacqueline
Smith

Digitally signed by Jacqueline Smith
DN: cn=Jacqueline Smith, o, ou,
email=smith.jacqueline@epa.gov, c=US
Date: 2017.02.07 15:30:48 -05'00'

(Signature)

Jacqueline Smith, Rate Negotiator
Financial Analysis and
Oversight Service Center
U.S. Environmental
Protection Agency

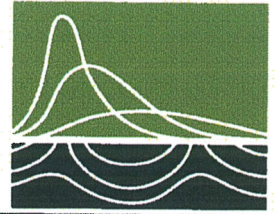
Negotiated by: Jacqueline Smith
Telephone: (202) 564-5055

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 \$46,560		5. PAYMENT REQUEST NO. 1			
		6. PERIOD COVERED BY THIS REQUEST 05/01/17-06/30/17			
		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. 96144	a Total Cost	b Net Fee	c Total Price	d Budget	e % Complete
Project No. W40011E01 (Formerly M03081E01)			920.00	49,560.00	01.86
TOTAL ALL PROJECTS TO DATE			920.00		
LESS: AMOUNT PREVIOUSLY SUBMITTED			0.00	49,560.00	0.00
AMOUNT DUE THIS REQUEST			920.00	49,560.00	01.86
<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="display: flex; justify-content: space-between; align-items: flex-end; margin-top: 20px;"> <div style="width: 40%;"> <p style="margin-top: 20px;">Signature of authorized Certifying Official</p> <p style="margin-top: 20px;">Robert J. Montgomery, PE, Principal</p> <p style="margin-top: 20px;">Typed Name and Title</p> </div> <div style="width: 50%; text-align: center;">  <p style="margin-top: 20px;">July 19, 2017</p> <p style="margin-top: 20px;">Date</p> </div> </div>					
FOR DISTRICT USE ONLY					
Approved for Payment \$920.00	Project Manager Cindy Allen		Date 7/19/17		
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: Jul 18, 2017
Invoice Num: 7078
Billing Through: Jun 30, 2017

1681a - MMSD - Kinnickinnic (KK) River Habitat Rehabilitation (1681a) - PO#: W40011E01 (formerly M03081E01) -

Managed by (NGH)

Services

Task 1 - Project Management

- ▶ Project Engineer 1 - NGH
- ▶ Principal-in-Charge - RJM

Task 3 - Regulatory Analysis & Permitting

- ▶ Project Engineer 1 - NGH
- ▶ Principal-in-Charge - RJM

<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
2.00	\$110.00	\$220.00
1.50	\$160.00	\$240.00
Total Service Amount:		\$920.00

Amount Due This Invoice: \$920.00

This invoice is due upon receipt

Thank you for your business!

KINNICKINNIC RIVER (KK) RIVER HABITAT REHABILITATION
CONTRACT NO. W40011E01
MONTHLY STATUS REPORT – P4300

Report for period ending June 30, 2017

1. Overall Study Schedule

Schedule will be finalized at kick-off meeting on July 19, 2017.

2. Schedule Narrative

A. Activities completed this report period

i. Project Management (Task A)

Organized project team. Refined scope of work (SOW) and level of effort estimates. Reviewed draft documents with MMSD and DNR.

B. Activities in progress this reporting period

i. Regulatory Analysis and Permitting (Task B)

Discussed permitting needs for aeration study with DNR.

ii. Aeration Pilot Study (Task C)

Developed draft work plan for performing supplemental aeration study.

C. Activities left to complete next reporting period

i. Regulatory Analysis and Permitting (Task B)

Submit any necessary permits for aeration pilot study. Develop QAPP.

ii. Aeration Pilot Study (Task C)

Finalize work plan for performing supplemental aeration study. Adjust plan according to MMSD and DNR review comments. Obtain aeration equipment and confirm power source. Obtain field monitoring gear. Confirm MMSD installation of continuous monitoring equipment.

3. Study Issues for Resolution: *Need to work with DNR and MMSD to coordinate landowner permissions for habitat work. Need to identify plan to expedite permit approval, QAPP submittal, and aeration pilot study work plan in order to begin aeration pilot study in critical data collection period (Fall 2017).*

4. Study Management Issues

A. Budget problems – None.

B. Schedule problems – See 3)

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

Invoice #	Amount	Date Submitted	Date Paid
17398	\$920	7/19/2017	

D. Percent complete task status –

- i. Task A – 2%
- ii. Task B – 0%
- iii. Task C – 1%
- iv. Task D – 0%
- v. Task E – 0%
- vi. Task F – 0%

5. Pending items:

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

6. Deliverables:

Description	Schedule	Delivered
Monthly Status Report including Schedule updates (hard copy or E-mail)	Monthly	
Quarterly Status Report including Schedule updates (hard copy or E-mail)	Quarterly	
Copies of all permit applications, regulatory correspondence, and approved permits	Ongoing	
Completed QAPP in electronic format	July 29, 2017	
Aeration pilot study work plan	July 29, 2017	
Aeration system installation, operation, and maintenance	Beginning August 15, 2017	
Aeration data collection, analysis, and DRAFT analysis report	December 1, 2017	
Aeration FINAL analysis report	February 1, 2018	
Habitat rehabilitation conceptual plan	August 31, 2017	
Habitat rehabilitation design report	November 1, 2017	
Habitat rehabilitation plan and specifications and opinions of probable cost	January 1, 2018	
Outreach meetings	April 1, 2018	
Bidding services and bid memorandum	March 1, 2018	
Construction time services: response to submittals, questions, site visits, record drawings	August 31, 2018	
Project closeout documentation	September 30, 2018	

Note: schedule dates subject to adjustment based on MMSD and DNR input

Kinnickinnic River Habitat Rehabilitation Quarterly Project Report & Budget Update

Reporting Period: April 1, 2017 – June 30, 2017

1. Kinnickinnic River Habitat Rehabilitation Project Budget as of June 30, 2017

Item	Cost	Expense
MMSD	\$7,901.00	
Consultant (MARS)		\$920.00
Construction Contractor		
Supplies		
Total Project Funds to Date	\$8,821.00	
Total Remaining Project Funds	\$841,179.00	

Pending expenditure report from Finance Manager

2. Activities Completed this Quarter (April 2017 – June 2017)

This was the first 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 1 – Hire a Qualified Consulting Firm: MMSD amended their existing contract with Montgomery Associates: resource solutions (MARS) from the previous project (KK River I-94 to Becher St. Feasibility Study) to perform the scope of work outlined in the SOW
- Task 2 – Regulatory Analysis and Permitting: MMSD, MARS and DNR identified potential permits required for the habitat rehabilitation and supplementary aeration pilot study in the KK River. The specifics of permit requirements for the temporary pilot operation of the aeration equipment is still being investigated by DNR.
- Task 3 – Pilot Study for Supplemental Aeration System: MARS developed a draft work plan for performing the supplementation aeration pilot study. MMSD and DNR have reviewed the draft work plan and will continue to review the work plan to pilot implementation.

3. Problems/Issues Encountered

The primary issue encountered during the first quarter was adjusting the SOW and level of effort to be consistent with the objectives of the DNR grant. MARS, MMSD and DNR met to review and adjust the SOW and anticipated level of effort for the project. The major change to the project was to remove riparian invasive species management for the riparian corridor and instead focus on in-stream habitat rehabilitation only. Obtaining access to perform work in the river has been identified as a potential problem and MARS will continue to work with MMSD and DNR to help coordinate landowner permissions.

The timing of the aeration pilot study has also been identified as an issue going forward. Ideally, several of the aeration tests will be performed during low dissolved oxygen conditions anticipated during August and

September 2017. The timeframe for DNR and possibly Corps of Engineers permit review for placing aeration equipment in the river may impact the ability to conduct these tests during Fall of 2017. MARS will work with MMSD and DNR to identify the best way to both gain permit approval and develop the QAPP quickly enough to be able to conduct these tests during the desired conditions.

4. Activities Planned for Next Quarter

During the next quarter of the project (July - September) MARS anticipates conducting the following tasks:

- Task 2 – Regulatory Analysis and Permitting:
 - Apply for DNR permits necessary to perform aeration pilot study
 - Prepare and obtain approval for a Quality Assurance Project Plan (QAPP) from DNR and MMSD
- Task 3 – Pilot Study for Supplemental Aeration System
 - Complete and obtain approval for Pilot Study work plan
 - Perform initial baseline data collection
 - Install, operate and maintain aeration pilot study equipment
 - Perform first rounds of aeration testing data collection
- Task 4 – KK River Habitat Rehabilitation
 - Begin development of conceptual plan

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

- Copies of all permit applications, regulatory correspondence and approved permits
- Completed QAPP in paper and electronic form
- Completed aeration pilot study work plan
- Aeration system installation, operation and maintenance