#### **AGENDA**

### Oakland-Macomb Interceptor Drain Drainage Board

Macomb and Oakland Counties

## June 16, 2021 – 11:30 a.m. Via GoToMeeting

1. Call meeting to order

### **Board Members:**

Michael Gregg, Chair, Michigan Department of Agriculture and Rural Development Candice Miller, Macomb County Public Works Commissioner Jim Nash, Oakland County Water Resources Commissioner

- 2. Motion to approve the meeting agenda for June 16, 2021
- 3. Motion to approve the Drainage District Board Meeting Minutes from May 19, 2021
- 4. Public Comment
- 5. Meadowbrook Insurance Group NESPS/NIEA Property and Pollution Liability policy renewals
- 6. Present Resolution regarding second tier GLWA customers
- 7. Present budget increase request for the OMID Immediate Repairs
- 8. Motion to approve the following Engineering Work Order:
  - a) Motor City Electric Technologies to Extend Contract #5469, Adjust Rate Compensation and Establish As-Needed General Services Scope
- 9. Motion to approve the following Change Order:
  - a) Walsh Construction Change Order No. 12 for the NESPS Pump & Electrical Upgrades Project for a net increase in the amount of \$214,548.60
- 10. Motion to approve the following Construction Estimates:
  - a) Construction Estimate No. 8 for Walsh Construction for NESPS Pump & Electrical Upgrades Project (GMP Phase) in the amount of \$1,446,702.65 with a transfer to the Oakland County Treasurer in the amount of \$160,744.74
  - b) Construction Estimate No. 6 for Walsh Construction for CS-9 Gate Installation in the amount of \$809,008.65 with a transfer to the Oakland County Treasurer in the amount of \$89,889.85
  - c) Construction Estimate No. 3 for Marra Services for NIEA Contract No. One in the amount of \$539,637.75 with a transfer to the Oakland County Treasurer in the amount of \$59,959.75
- 11. Report/Update Status of OMID Repairs Project

# 12. Financial Reports – General Financial Report and Status of State Revolving Fund Financing and Other Financing

1.2	3.6		.1	C 11	•		
13.	Motion t	o approve	the	tollow	ıng	invoices	•
10.	1,1001011 0	o appro , c		10110 11	5	111 , 01000	•

	non to approve the following invoices:			
a)	Reimbursement of Oakland County WRC-Incurred Expenses and Co	osts		
	1) Labor/Fringes/Non-Direct Labor Factor			
	• Segment 4		\$	7,324.96
	<ul> <li>Segment 4 NESPS Odor Corrosion Study</li> </ul>		\$	1,367.41
	<ul> <li>Segment 5 NI-EA Construction</li> </ul>		\$	6,282.10
	<ul> <li>Segment 5 NESPS Mech./Elect. Construction</li> </ul>		\$	22,504.92
	2) Equipment Charges			,
	• Segment 4		\$	372.64
	<ul> <li>Segment 4 NESPS Odor Corrosion Study</li> </ul>		\$	35.89
	<ul> <li>Segment 4 NESTS oddr Corrosion Study</li> <li>Segment 5 NI-EA Construction</li> </ul>		\$	229.14
	e		\$	
	Segment 5 NESPS Mech./Elect. Construction  Nilenge		Ф	2,037.26
	3) Mileage		Φ	006.00
1 \	• Segment 4		\$	896.00
b)	CH2M	G 4	Ф	7 (0 ( 1 1
,	Invoice No. 29	Seg. 4	\$	7,686.11
c)	Clark Hill	0.014	Φ.	21600
4	Invoice No. 1092340	O&M	\$	216.00
d)	Dickinson Wright		_	
	1) Invoice No. 1571540	O&M	\$	7,680.20
	2) Invoice No. 1580707	O&M	\$	187.50
e)	GLWA			
	Service Date 2021-05-07	Seg. 5	\$	133.00
f)	Hesco			
	1) Invoice No. 202112871	O&M	\$	3,755.00
	2) Invoice No. 202112905	O&M	\$	2,978.75
	3) Invoice No. 202112933	O&M	\$	2,600.00
	4) Invoice No. 202112934	O&M	\$	2,812.50
g)	Jacobs			
	Invoice No. 31	Seg. 3	\$	35,354.19
h)	Kotz Sangster			
	Invoice No. 490395	O&M	\$	2,068.00
i)	Meadowbrook Insurance Group			
	1) Invoice No. 4900	O&M	\$	125,000.00
	2) Invoice No. 5518	O&M	\$	56,865.00
j)	METCO			
	Invoice No. 1811-29	O&M	\$	96,560.46
k)	Motor City Electric Technologies Inc.			
	1) Invoice No. 93682	O&M	\$	773.93
	2) Invoice No. 93683	O&M	\$	154.00
	3) Invoice No. 93684	O&M	\$	192.50
	4) Invoice No. 93685	O&M	\$	508.28
1)	NTH Consultants, Ltd			
•	1) Contract No. 1			
	Invoice No. 6	NI-EA	\$	91,604.66
	2) Eng./Consult. Services NESPS CMT			•
	Invoice No. 8	O&M	\$	6,052.79
	3) NI-EA – Engineering Design Services Rehabilitation of NI-E	EA Sections PCI-4		•

		Invoice No. 24	NI-EA	\$ 29,419.81
	4)	Repairs – OMID System Immediate Repairs		
		Invoice No. 28	OIR	\$ 9,635.74
	5)	NESPS CCA		
		Invoice No. 56	O&M	\$ 4,196.80
m)	PM T	echnologies		
	1)	Invoice No. 151902	O&M	\$ 300.00
	2)	Invoice No. 144058	O&M	\$ 26,605.80
n)	PMA	Consultants		
	Invoi	ee No. 3559.01-11	NESPS	\$ 7,727.08
o)	Rotor	Electric Co.		
	1)	Invoice No. 12427	O&M	\$ 75,709.31
	2)	Invoice No. 12428	O&M	\$ 18,272.59

- 14. Determine location of next meeting
- 15. Other Business
- 16. Adjourn

<u>Next Regular Meeting</u>: July 21, 2021 11:30 a.m., Eastern Time. Due to the ongoing COVID-19 pandemic, the location and manner of the next meeting has yet to be determined.

## Oakland-Macomb Interceptor Drain Drainage District

Regular Meeting – Wednesday June 16, 2021

# Agenda Item No. 3

Board Meeting Minutes from May 19, 2021

# MINUTES OF THE REGULAR MEETING OF THE DRAINAGE BOARD FOR THE OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT

May 19, 2021

Minutes of the regular meeting of the Drainage Board of the Oakland-Macomb Interceptor Drain Drainage District held via GoToMeeting on the 19<sup>th</sup> day of May at 11:30 a.m. Eastern Time. Due to the COVID-19 pandemic, the meeting was conducted electronically via GoToMeeting in accordance with PA 254 of 2020, as may be amended from time to time and/or as otherwise provided by law.

#### PRESENT:

Michael Gregg, Chairperson and Deputy for Gary McDowell, Director of the Michigan Department of Agriculture and Rural Development; Candice Miller, Member and Macomb County Public Works Commissioner; and Jim Nash, Secretary and Oakland County Water Resources Commissioner.

#### OTHERS PRESENT:

Representing the office of the Macomb County Public Works Commissioner: Brian Baker and Stephen Downing. Representing the office of the Oakland County Water Resources Commissioner: Anne Vaara, Steven Korth, Joel Brown, Sid Lockhart, Kelsey Cooke, Brian Coburn, Evans Bantios, Raphael Chirolla, Carrie Cox, Sara Rubino, John Basch and Megan Koss. Others in attendance: Fritz Klingler, FK Engineering; Shawn Phelps and Jeff Ragle, OC Fiscal Services; Brady Harrington, MDARD; Larry Gilbert and Saju Sachidanandan, NTH Consultants; Terry Moore, Metco; John Michalski, ASI; Joe Colaianne (Clark Hill); Maria Sedki (Fishbeck).

### 1. Call meeting to order.

Chairperson Gregg called the meeting to order at 11:31 a.m. and noted the meeting was being held electronically in accordance with PA 254 of 2020, per the state of emergency declared by Waterford Township, Michigan. In compliance with the aforementioned, Chairperson Gregg indicated he was participating from Mason, Michigan, Commissioner Miller indicated she was participating from Harrison Township, Michigan and Commissioner Nash indicated he was participating from Farmington Hills, Michigan.

#### 2. Agenda.

Mr. Brown indicated that agenda item 11(e)(3) had been removed. Motion by Miller, supported by Nash, to approve the May 19, 2021 agenda as presented.

ROLL CALL VOTE: GREG: AYE MILLER: AYE NASH: AYE

### 3. Minutes.

Motion by Nash, supported by Miller, to approve the minutes of the April 21, 2021 meeting.

ROLL CALL VOTE: GREG: AYE MILLER: AYE NASH: AYE

### 4. Public Comment.

None.

### 5. Resolution regarding Meadowbrook Contract Extension.

Ms. Cooke explained that internal Oakland County Purchasing requirements dictate that all contracts have a beginning and end date, and that that no contracts can exceed five years without a new contract or going to bid. However, the insurance needs of the Drainage District (currently satisfied through Meadowbrook Insurance Group) don't have termination dates. In an effort to reconcile Purchasing and Drainage District requirements, a resolution (attached) was prepared extending Meadowbrook's current contract for an additional five years until June 1, 2026.

Motion by Nash, supported by Miller, to approve the resolution extending Meadowbrook's contract to June 1, 2026 as presented.

ROLL CALL VOTE: GREG: AYE MILLER: AYE NASH: AYE

### 6. GLWA-Drainage District Agreement for Drone and Video Photography.

Mr. Brown provided a brief historical overview of the Board's prior approval of the use of GLWA's drone photography services. He noted that the proposed agreement drafted by GLWA, reviewed and found satisfactory according to counsel at Clark Hill, details the scope of work, the cost arrangement and the permitted use of the photographs.

Motion by Miller, supported by Nash, to approve the GLWA and Drainage District Agreement for Drone and Video Photography to take construction progress photos of the NESPS Pumping and Electrical Upgrades Project as presented.

ROLL CALL VOTE: GREG: AYE MILLER: AYE NASH: AYE

#### 7. Change Order.

The following Change Order was submitted to the Board for approval:

a) Walsh Construction Change Order No. 11 for the NESPS Pump & Electrical Upgrades Project for a net decrease in the amount of \$47,361.75. Motion by Nash, supported by Miller, to approve the Change Order as presented.

ROLL CALL VOTE: GREGG: AYE MILLER: AYE NASH: AYE

### 8. Construction Pay Estimates.

The following Construction Pay Estimates were submitted to the Board for approval:

a) Construction Estimate No. 7 for Walsh Construction for NESPS Pump & Electrical Upgrades Project (GMP Phase) in the amount of \$1,015,192.73 with a transfer to reserves with the Oakland County Treasurer in the amount of \$112,799.79. Motion by Nash, supported by Miller, to approve the Construction Pay Estimate as presented.

ROLL CALL VOTE: GREGG: AYE MILLER: AYE NASH: AYE

b) Construction Estimate No. 5 for Walsh Construction for CS-9 Gate Installation in the amount of \$480,194.73 with a transfer to the Oakland County Treasurer in the amount of \$53,354.97. Motion by Miller, supported by Nash, to approve the Construction Pay Estimate as presented.

ROLL CALL VOTE: GREGG: AYE MILLER: AYE NASH: AYE

c) Construction Estimate No. 2 for Marra Services for NIEA Contract No. One in the amount of \$291,761.10 with a transfer to the Oakland County Treasurer in the amount of \$32,417.90. Motion by Miller, supported by Nash, to approve the Construction Pay Estimate as presented.

ROLL CALL VOTE: GREGG: AYE MILLER: AYE NASH: AYE

9. <u>Report/Update – Status of OMI Project, Segments 1 through 4, NESPS and NI-EA</u>. Fritz Klingler of FK Engineering presented the Project Progress Update to the Board and summarized the status of various projects. Motion by Nash, supported by Miller, to receive and file the report and summary.

ROLL CALL VOTE: GREGG: AYE MILLER: AYE NASH: AYE

## 10. Financial Reports.

Shawn Phelps of OC Fiscal Services presented the financial reports for Segments 1 through 5 and the NESPS. Motion by Nash, supported by Miller, to receive and file the financial reports.

ROLL CALL VOTE: GREGG: AYE MILLER: AYE NASH: AYE

## 11. <u>Invoices</u>.

The following invoices were submitted to the Board for approval:

a)	Reimbursement of Oakland County	WRC-Incurred Expenses and Costs		
a)	1) Labor/Fringes/Non-Direct La	÷	'	
	• Segment 4	001 1 40101	\$	4,308.80
	<ul> <li>Segment 4 NESPS Oc</li> </ul>	dor Corresion Study	\$	512.79
	<ul><li>Segment 4 NESI 3 Oc</li><li>Segment 5 NI-EA Co</li></ul>	<u>•</u>	\$ \$	3,821.39
	_	ech./Elect. Construction	\$ \$	13,031.91
	2) Equipment Charges	ech./Elect. Construction	Ф	13,031.91
	• Segment 4		\$	219.20
	Segment 4 NESPS Oc	dor Corrosion Study	\$	13.47
	• Segment 5 NI-EA Co		\$	186.08
	_	ech./Elect. Construction	\$	1,094.35
	3) Mileage		•	,
	• Segment 4		\$	957.60
	4) Reimbursement			
	<ul> <li>Macomb Invoice No.</li> </ul>	ARP210107	\$	39,970.63
b)	Applied Science, Inc.			
	Invoice No. 27	NESPS M&E	\$	80,931.62
c)	Clark Hill			
	1) Invoice No. 1081788	O&M	\$	216.00
	2) Invoice No. 1082352	O&M	\$	432.00
d)	Kennedy Industries			
	Invoice No. 624142	O&M	\$	2,153.00
e)	Konecranes		_	
	1) Invoice No. 154469634	O&M	\$	6,670.00
	2) Invoice No. 154466738	O&M	\$	2,902.00
f)	Meadowbrook Insurance	0.034	Ф	44.200.00
`	Invoice No. 5516	O&M	\$	44,200.00
g)	METCO Invoice No. 1811-28	$\alpha$	Φ	100 014 02
<b>b</b> )	Motor City Electric Technologies In	O&M	\$	109,814.02
h)	1) Invoice No. 93641	O&M	\$	308.00
	2) Invoice No. 93642	O&M	\$	770.00
	3) Invoice No. 93643	O&M	\$	154.00
i)	NTH Consultants, Ltd	Octivi	Ψ	154.00
-)	1) Contract No. 1			
	Invoice No. 5	NI-EA	\$	88,831.84
	2) Eng./Consult. Services NES		_	00,000
	Invoice No. 7	O&M	\$	13,399.01
	3) Safety Manual & Crane Su	oport		•
	Invoice No.10	O&M	\$	4,398.62
	4) CS9			

		Invoice No. 10	NIEA	\$	913.88
	5)	NI-EA – Engineering Design Services Rehabil	litation of NI	EA Secti	ons PCI-4
		Invoice No. 23	NI-EA	\$	53,564.44
	6)	Repairs – OMID System Immediate Repairs			
		Invoice No. 27	OIR	\$	20,384.56
	7)	NESPS CCA			
		Invoice No. 55	O&M	\$	14,623.49
j)	PM To	echnologies			
	Invoic	ee No. 147051	O&M	\$	9,735.00
k)	Rotor	Electric Co.			
	1)	Invoice No.12394	O&M	\$	332.50
	2)	Invoice No. 12395	O&M	\$	3,191.18
	3)	Invoice No. 12398	O&M	\$	1,200.00
	4)	Invoice No. 12399	O&M	\$	2,825.84
	5)	Invoice No. 12419	O&M	\$	11,738.99

Motion by Miller, supported by Nash, to approve the invoices as presented.

ROLL CALL VOTE: GREGG: AYE MILLER: AYE NASH: AYE

## 12. <u>GLWA Model Wastewater Services Contract – Closed Session.</u>

Discuss with OMIDDD's attorney a confidential memorandum as permitted under section 8(h) of the Open Meetings Act and which is exempt from public disclosure as subject to the attorney-client privilege pursuant to section 13(1)(g) of the Freedom of Information Act.

Motion by Miller, supported by Nash, to move into closed session at 12:40 p.m. to discuss attorney-client privileged opinions of legal counsel.

ROLL CALL VOTE: GREGG: AYE MILLER: AYE NASH: AYE

Closed session adjourned at 1:38 p.m.

Motion by Nash, supported by Miller, to proceed with the recommendations of legal counsel as discussed in closed session.

ROLL CALL VOTE: GREGG: AYE MILLER: AYE NASH: AYE

### 13. Other Business.

Mr. Korth introduced Ms. Rubino, a new attorney with the WRC.

## 14. Adjourn.

Motion by Nash, supported by Miller, to adjourn the May 19, 2021 meeting at 1:41 p.m.

ROLL CALL VOTE: GREGG: AYE MILLER: AYE NASH: AYE

<u>Next Regular Meeting</u>: June 16, 2021 at 11:30 a.m., Eastern Time. Due to the ongoing COVID-19 pandemic, the nature and location of the June meeting have yet to be determined.

I hereby certify that the foregoing constitutes the minutes of the Drainage Board for the Oakland-Macomb Interceptor Drain Drainage Board, at a meeting held on May 19, 2021 and that the meeting was conducted and public notice was given in compliance with the Open Meetings Act being Act 267, Public Acts of Michigan, 1976, as amended, and that the minutes were kept and will be or have been made available to the public as required by the Act.

IN WITNESS WHEREOF, I have hereunto affixed my official signature on this <u>24th</u>day of May, 2021.

Jim Nash, Secretary

Oakland-Macomb Interceptor Drain Drainage Board

## Oakland-Macomb Interceptor Drain Drainage District

Regular Meeting – Wednesday June 16, 2021

# Agenda Item No. 4

**Public Comment** 

## Oakland-Macomb Interceptor Drain Drainage District

Regular Meeting – Wednesday June 16, 2021

# Agenda Item No. 5

Meadowbrook: Policy Renewals





# Oakland-Macomb Interceptor Drain Drainage District: NESPS/NIEA

One Public Works Drive, Building 95 West, Waterford, MI 48328

# Proposal for Property & Pollution Liability Insurance

07/01/2021 to 07/01/2022

(dated 6/8/21)



## OMIDD: NESPS/NIEA

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Pollution Liability	5
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## **Meadowbrook Insurance Agency**

## **MISSION STATEMENT**

Global, Innovative, Architect of Risk Management Solutions for our Clients

## **MANTRA**

Urgency......Solutions



Meadowbrook is proud to be affiliated with the following charitable organizations.































































## **OMIDD: NESPS/NIEA**

## **Meadowbrook Agency Service Team**

#### GENERAL INFORMATION

toll free - 800 / 482-2726 switchboard/after hours: 248 / 358-1100 website: www.meadowbrook.com

#### **PRODUCER**

Sal Saputo
Executive Vice President
tel - 248 / 204-8163
cell -248 / 943-1317
e-mail: ssaputo@meadowbrook.com

#### e man. <u>ssupmo(a)meanoworoon.com</u>

#### MARKETING

James Kelley Vice President Marketing tel - 248 / 204-8153 cell -248 / 914-4995 e-mail: james.kelley@meadowbrook.com

### PRIMARY CONTACT

Phillip Anderson Account Manager tel - 248 / 204-8569

e-mail: Phillip.Anderson@meadowbrook.com

## **BACK UP CONTACT**

Michele Opie, CIC Account Manager tel – 248 / 204-8215

e-mail: michele.opie@meadowbrook.com

#### **GROUP BENEFITS**

David Sheeran, CPA President Agency Operations tel - 248 / 204-8544 cell - 248 / 361-0084

e-mail: dave.sheeran@meadowbrook.com

## **PERSONAL LINES**

David Sheeran, CPA President Agency Operations tel – 248 / 204-8544 cell – 248 / 361-0084

e-mail: dave.sheeran@meadowbrook.com

#### **CLAIMS REPORTING**

All claims - except Workers Compensation\*

It is our ongoing mission to provide effective, efficient solutions for your claims servicing needs. In keeping with the goal of offering world-class claims service and enhancing your experience, we've established two new, centralized claims reporting contacts.

#### Telephone:

(888) 965-3527

#### Email:

<u>Agencyclaims@meadowbrook.com</u> Workers Compensation claims will continue to be reported directly to your insurance company.



# OMIDD: NESPS/NIEA Marketing Summary

## **Program Comparison:**

Property Renewal Comparison				
	Expiring	Renewal		
Carrier	Chubb	Chubb		
AM Best Rating	A+ XV	A+ XV		
Policy Term (Two-	7-1-20/21	7-1-21/22		
year option w/				
+5% rate per				
multi-year ends)				
Premium	\$228,945	\$257,297	+12.4%	
TRIA	incl	incl		
<b>Engineering Fee</b>	NA	NA		
TIV	\$272M	\$284M	+4.4%	
<b>Rate / \$100 TIV</b>	.0842	.0906	+7.6%	
Policy limit	150M	150M		
Deductible	1M	1M		
Debris removal	25% or \$10M	25% or \$10M		
	whichever is	whichever is		
	lesser	lesser		
Machinery	Policy Limit	Policy Limit		
Breakdown	\$150M	\$150M		
Other significant				
Sub-Limits				
Earth Movement	50M	50M		
Flood sub-limit	10M	10M		
<b>Demolition Cover</b>	10M	10M		
<b>A, B, C</b>				
Errors &	5M	5M		
Omissions				
Extra Expense	2.5M	2.5M		

Pollution Renewal Comparison				
<b>Expiring</b> Renewal				
Carrier	AIG	AIG		
AM Best Rating	A XV	A XV		
Policy Term	7-1-20/21	7-1-21/22		
Premium	\$15,057	\$15,715.30	+4.3%	
<b>Policy Limit</b>	10M	10M		
Deductible	50k	50k		
TRIA	incl	incl		
<b>Exposure Base</b>	1,767,270	2,063,000	+16.8%	
(Maintenance Budget)				



## **Marketing Summary** (continued)

## **Markets Approached on OMIDD:**

This renewal was negotiated with Chubb as there continues to be reluctance by other major carriers to quote the NESPS/NIEA property risk. We contacted several carriers (list of which is provided in the marketing summary) to confirm if there is any appetite to quote the NESPS/NIEA property risk. There were no markets interested at this time but want to be contacted for future opportunity if conditions change. Historically, only Chubb and AIG have written the ordinary property insurance for OMIDD. AIG has exited writing this class of risk and will no longer quote. Zurich previously wrote the builders risk for OMIDD but since the \$10 million loss on the Hobas pipe it is hesitant to quote any portion of this risk.

Six months ago, we went through a complete formal marketing process for the January 25, 2021 OMIDD property renewal which is the companion insurance policy to the NESPS/NIEA policy which renews July 1. There were no companies willing to quote the property coverage for the January 25 renewal besides Chubb who offered a reasonable renewal and 2-year term. The January 25 OMIDD renewal policy is for the rehabilitated portion of the interceptor which is the more desirable property risk from an underwriter's viewpoint. The July 1 renewal is for the NESPS/NEIA which is being rehabilitated. No other carrier has been interested in quoting the NESPS/NIEA because of the condition of the pipe and mechanical equipment. Once it is rehabilitated, we plan to consolidate the property policies for all aspects of the risk. Both policies (January 25 and July 1 renewals) will be put together. We believe that other carriers may be willing to consider covering the combined property program because of the improved condition of the assets, size of the program and excellent reputation of the management of the OMIDD program.

Another consideration for the wisdom of leaving the program with Chubb for the time being is that they also write the builders risk insurance for the NESPS/NIEA OCIP. It is always preferable to write the ordinary property coverage and builder's risk with the same carrier if possible. This avoids ambiguities in coverage between the two programs, carrier disputes, lengthy adjudication and potentially substantial delays in construction in the event of loss.

Market				
Lexington (AIG)	Chubb Insurance Co			
Liberty/Ironshore	Allied World National Assurance Co. (Excess)			
Travelers	Westchester Fire Ins. Co. (Excess)			
Hartford	Berkley Assurance Co.			
Zurich	ACE American Ins. Co.			
Michigan Millers Mutual	Cincinnati Insurance Co.			
XL America				



## **OMIDD: NESPS/NIEA**

## **Named Insured Schedule**

Oakland-Macomb Interceptor Drain Drainage District

## **Mailing Address**

Building 95 West, One Public Works Dr Waterford, MI 48328

## **Location Schedule**

- Northeast Sewage Pumping Station (NESPS)
- Northeast Interceptor East Arm (NIEA)



## **OMIDD: NESPS/NIEA**

# **Property** 07/01/2021 to 07/01/2022\*

## **Carrier: ACE American Insurance Company** – (Best Rating A++ XV)

Form: 

Occurrence

**Description of Insured Property:** Northeast Sewage Pumping Station (NESPS) & Northeast

Interceptor – East Arm (NI-EA) Tunnel

**Total Insurable Value:** \$284,000,878

Co-insurance: None

**Limit of Insurance:** \$150,000,000

ACE American will pay no more for direct physical loss or damage in any one OCCURRENCE than the above Limit of Insurance. In addition, the Company will not pay for more than its proportionate share (100%) of the following Sub-limits of Insurance and Annual Aggregate Sub-limits of Insurance, which are part of, and not in addition to, the Limit of Insurance above:

#### **Sub-limits:**

Property Damage \$150,000,000

## **Extensions of Coverage:**

Debris Removal 25% of the insured physical loss, or \$10,000,000, whichever is

less

Protection Service Charges
Claim Preparation Expense
Extra Expense
Expediting Expense
\$100,000
\$50,000
\$2,500,000
\$1,000,000

## **Annual Aggregate Sub-limits:**

Earth Movement	per occurrence	\$50,000,000
	Annual aggregate	\$50,000,000
Flood	per occurrence	\$10,000,000
	annual aggregate	\$10,000,000
Named Windstorm	per occurrence	\$150,000,000
	annual aggregate	\$150,000,000
To 11 1	00 0	<b>#</b> 400000

Pollution or *per occurrence* \$100,000 Contamination *annual aggregate* \$100,000

Clean-up



## **Property** (continued)

#### **Deductible:**

\$1,000,000 direct physical loss or damage in any one occurrence

## **Additional Endorsement Coverages Provided:**

Accounts Receivable	\$1,000,000
Errors & Omissions	\$5,000,000
Transit	\$1,000,000
Valuable Papers & Records	\$1,000,000
Demolition & Increased Costs of Construction	\$10,000,000

## **Policy Forms, Endorsements and Exclusions:**

ACE0210 (01/0	)8) N	Juclear.	Biologi	icals.	Chemical.	Radiol	ogical	Exclusion
11020210 (01/0	, , ,	,	210105	i ouio,	CHICHITE	1 1000101	551041	Literabion

ACE0670 (05/11) Minimum Earned Premium

TRIA11e (08/20) Disclosure Pursuant to Terrorism Risk Insurance Act

All-30463 Michigan Disclaimer Notice Commercial Lines Deregulation ACE0973 (04/20) Exclusion of Loss Due to Virus, Bacteria, or Microorganism that

induces distress, illness, or disease

NULL Pollution & Contamination Exclusion

NULL Asbestos Exclusion

NULL Electronic Data & Cyber Risk Exclusion

NULL Mold/Fungus Exclusion

Null Biological. Chemical, and Radiological Exclusion

### Premium\*:

Annual Policy Premium*:	\$245,045.00
Terrorism Coverage Premium:	12,252.00
Total Premium:	\$257,297.00

<sup>\*</sup>For Two (2)-year term, the premium payment schedule is: \$257,297 is due at inception, \$270,162 is due at the one (1)-year anniversary, if conditions of the Multi-Year Endorsement are met. If not, then the premium will be TBD. Total Premium: \$547,459. Conditions are as follows:

- 40% Loss Ratio
- \$10,000,000 Acquisition
- 1% Margin Clause
- 5% Rate Increase for Year Two



## **OMIDD: NESPS/NIEA**

# **Pollution Liability** 07/01/2021 to 07/01/2022

**Carrier: AIG Specialty Insurance Company** – (Best Rating A XV)

Form:	☐ Occurrence	ce Zi Claims Made		
Limits:				
Each Pollution Los Aggregate Policy I		\$10,000,000 10,000,000		
<b>Deductible:</b>	\$50,000			
<b>Exposure Basis:</b>	\$2,063,000	Maintenance Budget		
Policy Forms & Endorsements:				
91968 (12/06) 122751 (01/18) 127135 (12/17) 127149 (01/18) 132090 (12/18)	AIGSIC CPL De Gaining the Ulti Additional Insur Other Insurance Specific Policy	Notice of Claim eclarations Page imate Value-Added Advantage red(s) Endorsement Excess Covered Operations Insured Under Separate Project		
127181 (01/18) 127187 (01/18)	Owned Property Specified Project	Exclusion for Operations and Maintenance Endorsement et Endorsement		

Federal Share of Compensation Under TRIA and Cap on Losses

Terrorism Exclusion with Certified Acts of Terrorism Exception Purchases

## **Subject To:**

127159 (01/18)

125595 (03/17)

120005 (11/15)

- 1. Signed Application
- 2. Written Request to Bind
- 3. Written Request to Purchase or Decline Terrorism Coverage

Crisis Management Firms

Endorsement

## **Premium:**

Policy Premium:	\$15,195.00
Terrorism Coverage Premium:	137.00
Surplus Lines Tax (2.5%):	383.30
Total:	\$15,715.30



## **Pollution Liability** (continued)

#### Gaining the Ultimate Value-Added Advantage through AIG Environmental

It is our goal to enhance the coverage of every environmental insurance policy by providing insureds exclusive access to market-leading tools and programs to help manage risk, mitigate environmental losses, conduct loss control, and optimize emergency response:

#### PIER (Pollution Incident and Environmental Response)®

Policyholders have access to a nationwide network of pre-screened emergency response contractors, environmental specialists, or crisis management firms who respond in a timely manner to environmental incidents at pre-negotiated rates, thus helping insureds to minimize or mitigate losses associated with such incidents. Environmental insurance policyholders are automatically enrolled in this program.

 We have the right resources to help you respond to an environmental incident-call 1-877-PIER NOW (743-7669) and speak with a representative or access our PIER mobile website at <a href="www.aig.com/pier">www.aig.com/pier</a> from your mobile device.

#### Claims Expertise

Our environmental claims operation, with 60+ claims specialists, is the largest in the industry. The depth and breadth of our operation means we can devote expertise to environmental claims of all types.

 Report your claim by sending a fax to 866-260-0104, emailing <u>SeverityFNOL@aig.com</u>, or log onto our PIER mobile website at <u>www.aig.com/pier</u>, open the Claims accordion, click on Claims Form and follow the instructions.

#### RiskTool Advantage®

RiskTool Advantage® provides a unique web-based system that provides clients with access to training, best practices and more, to help improve risk management. The complimentary, web-based system provides:

- the ability to implement a company-wide training program for environmental, health and safety best practices
- create customized training videos using a smartphone or iPad and upload them into RiskTool Advantage<sup>®</sup> for use
- · choose from a video library of over 100 titles, many available in languages other than English
- · use mobile app to log into account remotely for access to training courses and videos

Register for RiskTool Advantage® by contacting a risk consulting representative.

#### Transportation Loss Control

We provide a number of transportation-related loss control programs for insureds that reinforce positive driving behavior and potential improvements in loss reduction. These programs include driver monitoring and mock Department of Transportation audits.

• To learn more, contact environmental@aig.com

AIG Environmental is committed to the achievement of effective risk management objectives for clients as well as providing them access to incident response assistance with a pollution-release event.



## OMIDD: NESPS/NIEA 07/01/2021 to 07/01/2022

## **Premium Summary**

POLICIES	Expiring 2020-2021	Proposed 2021-2022*
Property* ACE American Insurance Co.	\$228,945.00	\$257,297.00
Pollution Liability** AIG Specialty Insurance Company	15,057.25	15,715.30
TOTAL	\$244,002.25	\$273,012.30

<sup>\*</sup>For Two (2)-year term, the premium payment schedule is: \$257,297 at inception, \$270,162 due at one (1)-year anniversary date, if conditions of the multi-year endorsement are met. If not, the premium will be TBD. Total premium: \$547,459 if Conditions are as follows:

- o 40% Loss Ratio
- o \$10,000,000 Acquisition
- o 1% Margin Clause
- o 5% Rate Increase for Year Two

## **Premium Payment Plans**

Pay in Full Agency Bill

This document does not amend, extend, or alter coverage afforded by the policy. For a complete understanding of any insurance you purchase, you must first read your policy, declaration page, and any endorsements and discuss them with your Meadowbrook agent. A specimen policy may also be available for your review from the insurance company. Actual policy conditions may be amended by endorsement or state law."

Meadowbrook, Inc. strives to place your insurance with financially-sound insurance carriers. There are many financial rating companies who assign credit ratings to participating insurance carriers (i.e., A.M. Best Company). These ratings are the financial rating company's independent opinion about the financial stability of the insurance carrier and, as a result, vary among insurance carriers. Not all insurance carriers choose to be rated by these services. Please be aware of this rating, or lack thereof, for the insurance carrier listed on your proposal. Meadowbrook, Inc. is not responsible for, nor guarantees, the financial solvency of any insurance carrier through which it places your insurance.

We are pleased to present this insurance proposal and thank you for the opportunity. We look forward to serving you in the future.



<sup>\*\*</sup>Premium includes 2.5% Surplus Lines Tax

## **OMIDD: NESPS/NIEA**

# **Recommendations** 2021 - 2022

Directors and Officers Liability		
Directors and Officers Liability insurance		
provides financial protection for the directors		☐ Obtain Quote
and officers of your company in the event they		☐ Decline Coverage
are sued in conjunction with the performance		☐ Coverage In force
of their duties as they relate to the company.		
Errors and Omissions Liability		
A professional liability insurance that protects		
companies and individuals against claims		☐ Obtain Quote
made by clients for inadequate work or		☐ Decline Coverage
negligent actions. Errors and omissions		☐ Coverage In force
insurance often covers both court costs and		
any settlements up to the amount specified on		
the insurance contract.		
T1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
Fiduciary Liability	T	
Fiduciary liability policies protect companies,		
their directors, officers and employees and the		☐ Obtain Quote
plans themselves against lawsuits alleging		☐ Decline Coverage
breach of fiduciary duty and administrative		☐ Coverage In force
errors and omissions in connection with such		
plans.		
<b>Employee Benefits Liability (EBL)</b>	T	
EBL coverage protects against lawsuits		
alleging errors and omissions in connection		☐ Obtain Quote
with the administration (e.g. handling of		☐ Decline Coverage
records) of an employee benefit plan.		☐ Coverage In force
However, EBL coverage almost always		
excludes coverage for breaches of ERISA's		
fiduciary duties.		



## Recommendations (continued)

<b>Employee Practices Liability (EPLI)</b>	
Employment Practices Liability Insurance provides employers with protection against	☐ Obtain Quote
many types of employment-related claims,	_
	☐ Decline Coverage
including: wrongful termination, sexual harassment, discrimination and retaliation.	☐ Coverage In force
narassment, discrimination and retailation.	
3 <sup>rd</sup> Party Crime Coverage	
The policy provides coverage for employees	
while working on clients premises. A	☐ Obtain Quote
coverage of special importance to Tech	☐ Decline Coverage
companies this policy would reimburse a	☐ Coverage In force
client under some circumstances in the event it	
can be proven that your employee fraudulently	
transferred funds or stole money, securities, or	
other property from such client.	
ERISA	
ERISA bonds protect employee benefit plans	
from losses caused by fraud or dishonesty	☐ Obtain Quote
committed by the bonder plan fiduciaries.	☐ Decline Coverage
However, they do not afford coverage to plan	☐ Coverage In force
fiduciaries for lawsuits brought by third	_
parties such as plan participants or the DOL.	
Network Security/ Cyber Liability	
Utilizing on-site servers coverage protects you	
from losses associated with unauthorized	☐ Obtain Quote
access to or theft of your data or e-business	☐ Decline Coverage
activities, computer viruses, denial of service	☐ Coverage In force
attacks, as well as alleged unauthorized	
transactions.	
Utilizing "Cloud" coverage protects you from	
losses associated with unauthorized access to	
or theft of your data or e-business activities, as	
well as alleged unauthorized transactions.	



## Recommendations (continued)

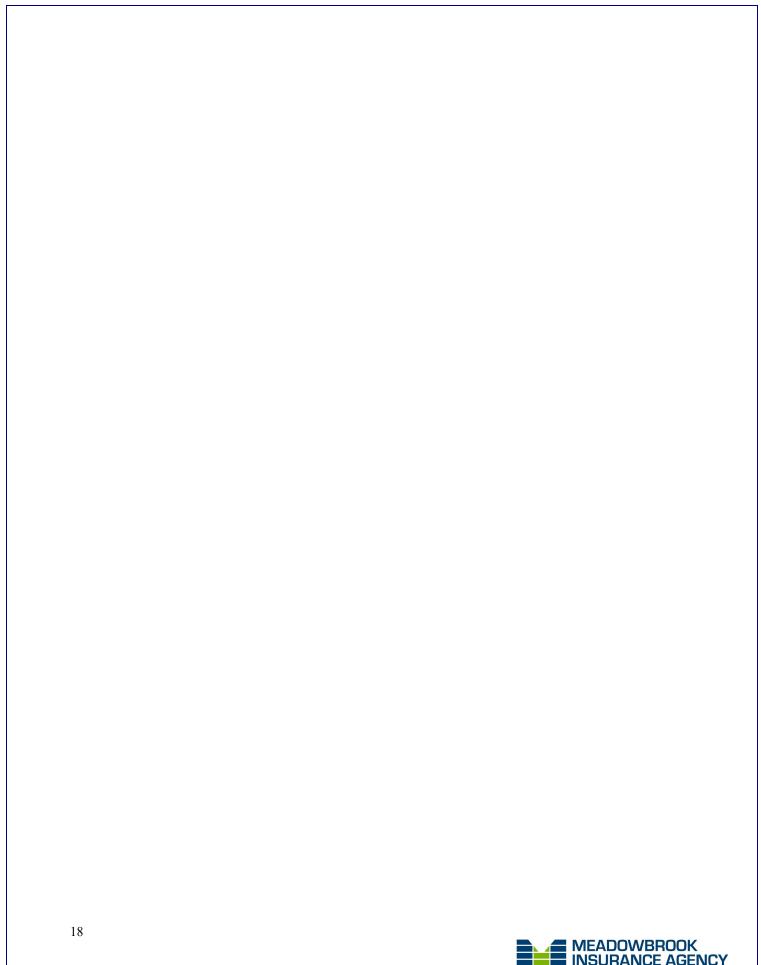
Foreign Liability Coverage				
Coverage is intended to protect you and your employees while traveling outside the United States of America and Canada. It covers General Liability, Automobile Liability and Foreign Voluntary Worker's Compensation. Coverage can also extend to include personal property and blanket accident and health risk.	☐ Obtain Quote ☐ Decline Coverage ☐ Coverage In force			
Kidnap, Ransom or Extortion				
This insurance is used to protect against loss of money, securities, or other property that results from actual, alleged, or threatened kidnapping or extortion.	☐ Obtain Quote ☐ Decline Coverage ☐ Coverage In force			
Ocean Marine Cargo Insurance				
This policy is used to provide coverage for property you ship overseas while within the described territory and for the limits and perils declared on the form.	☐ Obtain Quote ☐ Decline Coverage ☐ Coverage In force			
Pollution Insurance				
This policy covers a business liability arising out of a pollution incident, meaning emission of pollutants into or on land, the atmosphere, or water and causing environmental damage. The broader form of coverage also provides liability for clean-up costs. These policies are generally available on a claims-made basis.	☐ Obtain Quote ☐ Decline Coverage ☑ Coverage In force			
Earthquake and Flood Damage to Property				
The peril of Earthquake and Flood is excluded on the standard property policy, but the coverage can be added back for an additional premium.	☐ Obtain Quote ☐ Decline Coverage ☐ Coverage In force			



## Recommendations (continued)

<b>Equipment Breakdown Insurance</b>	
This insurance provides coverage for loss	
arising out of the operation of pressure,	☐ Obtain Quote
mechanical and electrical equipment. It may	☐ Decline Coverage
cover loss to the boiler and machinery itself	☐ Coverage In force
and may include damage done to other	d coverage in force
property, as well as, business interruption losses.	
losses.	
Contingent Business Interruption Insurance	
When included, this coverage extends your	Ohtain Onata
business income coverage to protect against	☐ Obtain Quote
the breakdown of covered equipment at non-	☐ Decline Coverage
owned scheduled locations that result in a	☐ Coverage In force
decrease in revenue and extra costs of	
obtaining services or supplies for your	
business.	
Workers Compensation Repatriation Expenses	
Pays the additional expenses which may be	
incurred over and above normal transportation	☐ Obtain Quote
costs for returning an injured U.S. employee,	☐ Decline Coverage
including the bodies of such employees fatally	☐ Coverage In force
injured, from anywhere in the world to the	
United States; provided that the injured	
employees return to the U.S. is, in the opinion	
of medical authorities, necessary.	
Social Engineering Fraud	
Social Engineering provides coverage when	
an employee is intentionally misled into	☐ Obtain Quote
sending or diverting money or securities based	☐ Decline Coverage
on fraudulent information that is provided to	☐ Coverage In force
them in a written or verbal communication	
such as an email, fax, letter or phone call.	
Client Signature	
D. 4	
Date	









16142 Collection Center Drive Chicago, IL 60693-0002 (877) 759-4365

> Oakland-Macomb Interceptor Drain Drainage District (OMIDD) Building 95 West, One Public Works Dr Waterford, MI 48328

Invoice # 6155	Page 1 of 1
Account Number	Date
OAKLINT-01	6/8/2021
BALANCE DUE ON	
Upon Receipt	
AMOUNT PAID	Amount Due
	\$257,297.00

## **Payment Methods:**

## **ACH/Wire Information**

Bank of America

Acct Name: Meadowbrook Inc. Acct Number: 5401978514 ACH: Acct ABA #: 071000039 Wire: Acct ABA #: 026009593

Make checks payable to:
Meadowbrook Insurance Agency

Item #	Trans Eff Date	Due Date Tran	ns Description	Amount
215052	7/1/2021	Upon Receipt RE	Renewal of Oakland-Macomb Interceptor Drainage District	\$257,297.00
			Northeast Sewage Pump Station & North Interceptor -	
			East Arm Operational Property Policy	
			Total Invoice Balance:	\$2 <b>57,297</b> .00

Payment due upon receipt.



16142 Collection Center Drive Chicago, IL 60693-0002 (877) 759-4365

> Oakland-Macomb Interceptor Drain Drainage District (OMIDD) Building 95 West, One Public Works Dr Waterford, MI 48328

Invoice # 6156	Page 1 of 1
Account Number	Date
OAKLINT-01	6/8/2021
BALANCE DUE ON	
Upon Receipt	
AMOUNT PAID	Amount Due
	\$15, <b>715.30</b>

Payment Methods:

ACH/Wire Information

Bank of America

Acct Name: Meadowbrook Inc. Acct Number: 5401978514 ACH: Acct ABA #: 071000039 Wire: Acct ABA #: 026009593

Make checks payable to:

Meadowbrook Insurance Agency

Pollution Liability Policy Number CPL1573209 Effective: 7/1/20 21 to 7/1/20 22

Item #	Trans Eff Date	Due Date	Trans	Description	Amount
225390	7/1/2021	Upon Receipt	RENB	Renewal of NESPS Operational Pollution Policy	\$15,715.30

Total Invoice Balance: \$15,**715.30** 

Payment due upon receipt.

## Oakland-Macomb Interceptor Drain Drainage District

Regular Meeting – Wednesday June 16, 2021

# Agenda Item No. 6

Resolution Regarding GLWA Customers







## **Oakland-Macomb Interceptor Drain Drainage District**

TO: Michael Gregg, Chairperson

**Oakland Macomb Interceptor Drainage District** 

FROM: Brian Coburn, Chief Engineer WRC

DATE: June 23, 2021

RE: Proposed Resolution for Delegation of IWC Approval for GLWA

The Great Lakes Water Authority (GLWA) operates and maintains the wastewater recovery facility (WRRF) that serves the Oakland-Macomb Interceptor Drain Drainage District (OMIDDD). GLWA has several regulatory requirements related to the wastewater it receives from customers. GLWA's industrial wastewater program (IWC) is charged with meeting these requirements.

GLWA generates revenue to fund the IWC program by billing customers including those that have higher pollutant loading requiring pretreatment as part of the Industrial Pre-Treatment Program (IPP). The communities within the GLWA Service Area can sign an *Authorization to Bill End User for Pollutant Surcharge* to allow GLWA to bill the commercial pre-treatment customers directly. GLWA requires that the customer holding the contract with GLWA sign the form. OMIDDD is a direct customer of GLWA under the 2009 agreement, as amended.

The attached resolution was prepared to allow OMIDDD to delegate review and approval of the *Authorization to Bill End User for Pollutant Surcharge* to each of the customer systems served by OMIDDD: Clinton Oakland Sewage Disposal System (COSDS) and Macomb Interceptor Drain Drainage District (MIDDD). Since the OMIDDD has no direct retail customers, it is recommended to delegate authority to the respective counties for the COSDS and the MIDDD, to interact directly with their respective retail customers.

RECOMMENDED ACTION: Approval of Resolution 2021-02 to delegate review and approval of an *Authorization to Bill End User for Pollutant Surcharge* form to the respective counties in which the retail customer is located.

# OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT

# RESOLUTION 2021-02 TO AUTHORIZE OAKLAND-MACOMB CUSTOMERS TO SIGN THE AUTHORIZATION TO BILL END USER FOR POLLUTANT SURCHARGE

At a regular meeting of the Drainage Board of the Oakland-Macomb Interceptor Drain Drainage District held electronically pursuant to the Open Meetings Act as amended by Public Act No. 254 of 2020, and a Declaration of a State of Emergency by the Charter Township of Waterford, Michigan, based out of the offices of the Oakland County Water Resources Commissioner, One Public Works Drive, Building 95 West, Waterford, MI 48328 on June 16, 2021,

#### Present:

Mike Gregg, Chairman and Deputy for Mr. Gary McDowell, Director of the Michigan Department of Agriculture and Rural Development (MDARD)

Candice Miller, Member and Macomb County Public Works Commissioner of the Macomb County Public Works Office (MCPWO)

Jim Nash, Secretary and Oakland County Water Resources Commissioner (OCWRC)

The following resolution was moved by Da	rainage Board Member	and seconded
by Drainage Board Member	:	

WHEREAS the Great Lakes Water Authority (GLWA) operates and maintains the wastewater recovery facility that serves the Oakland-Macomb Interceptor Drain Drainage District (OMID).; and

WHEREAS GLWA, as permit holder, has several regulatory requirements related to the wastewater it receives its from customers and GLWA's industrial wastewater program (IWC) is charged with meeting these requirements; and

WHEREAS GLWA generates revenue to fund its IWC program including those that have higher pollutant loading requiring pretreatment as part of the Industrial Pre-Treatment Program; and

**WHEREAS** communities within GLWA's service area can execute an *Authorization to Bill End User for Pollutant Surcharge* to allow GLWA to bill the commercial pre-treatment customers directly; and

WHEREAS GLWA requires that the customer holding the contract with GLWA sign the form; and

WHEREAS OMID is a direct customer of GLWA pursuant to their 2009 agreement, as amended; and

WHEREAS the Clinton Oakland Sewage Disposal System (COSDS) is an Act 342 system owned, operated, and maintained by Oakland County and serves 14 communities in Oakland County; and

**WHEREAS** the Macomb Interceptor Drain Drainage District (MID) is a Chapter 20 Drain serving 11 communities in Macomb County; and

WHEREAS Oakland County (as the COSDS) and the MID are under agreement with OMID for sewer transport and treatment; and

WHEREAS OMID's only customers are served by the COSDS or MID.

Yeas: \_\_\_\_\_

Dated: June 16, 2021

**NOW THEREFORE BE IT RESOLVED** that each Oakland and Macomb customer is authorized to sign the *Authorization to Bill End User for Pollutant Surcharge* on behalf of OMID.

Nays:	
Absent:	
Resolution 2021-02 is declared add	opted.
resolution adopted at a meeting of th Drain Drainage District held electron was conducted and public notice of s with the Open Meetings Act, being A	that the foregoing is a true and complete copy of a see Drainage Board for the Oakland-Macomb Interceptor nically via GoToMeeting on June 16, 2021; that said meeting said meeting was given pursuant to and in full compliance Act 267, Public Acts of Michigan, 1976, as amended, and e kept and will be or have been made available as required
	Jim Nash, Secretary of the Drainage Board

# GREAT LAKES WATER AUTHORITY AUTHORIZATION TO BILL END USER FOR POLLUTANT SURCHARGE

Account Number500-0635-S	
Customer Name (end user)Turri's Italian Foods	
Address50903 E. Russell Schmidt Blvd Ches	terfield, MI 48051
Billing Address (if different)	
Contact Name Mary Derlicki Phone Nu	mberCell# 586.662.0099
Email Addressmary.derlicki@turrisitalianfoods.com	
Wholesale Sewer Contract Customer Name (Contracting Agency)Oakland Macomb Interceptor Contracting Agency Customer Name (Tier II, if applicable)Chesterfield Township	
Meter reading information:  If billing are based on water meter readings or sewer meter readings that a and sewer for the end user, the Community must provide the meter readin meter for the pollutant water and are normally read by the end user and re the end user may provide the meter readings directly to GLWA	ngs to GLWA. If billing is based on a discharge
Party that will provide meter readings to GLWA	
Authorization Wholesale Sewer Contract Customer-Contracting Agency:	
I,, as authorized signer f	for
agree to have Great Lakes Water Authority directly bill	
pollutant surcharge billing that falls under the IWC Program operated by the	he Great Lakes Water Authority.
Sign	Date
Contracting Agency Customer-Tier II (if applicable):  I,	for _ Charter Township of Chesterfield
	n Foods, Inc. (end user) for the
pollutant surcharge billing that falls under the IWC Program operated by the	he Great Lakes Water Authority.
Sign_ Chef Luce	Date4/26/2021
End User:	•
I,, as authorized signer	forTURRI'S ITALIAN FOODS, INC.
agree to have our pollutant surcharge billing billed directly to us by Great	Lakes Water Authority. Payment will be made to
Great Lakes Water Authority instead of the Community.	
Sign Wary Derliske	Date 4/26/2021

## Oakland-Macomb Interceptor Drain Drainage District

Regular Meeting – Wednesday June 16, 2021

## Agenda Item No. 7

Immediate Repairs Budget Increase Request







## Oakland-Macomb Interceptor Drain Drainage District

TO: Michael Gregg, Chairperson

Oakland Macomb Interceptor Drain Drainage District

FROM: Evagelos Bantios, P.E.

**SUBJECT:** Request for Additional Project Funds for the OMID Immediate Repairs

**Project** 

**DATE:** June 16, 2021

On December 18, 2010, the project cost for the OMID Immediate Repairs project was revised from \$1,500,000 to \$1,915,000 due to the following reasons: the initial construction bid from the contractor came in higher than originally estimated and NTH incurred additional re-bid and construction administration costs due to the extended project duration. An increase is now needed to account for the additional costs for the Northeast Sewage Pumping Station wet well cleaning.

The original estimate for the wet well cleaning was \$230,505, which was included in Change Order #1 approved by the Board on December 16, 2020. However, the final cost to clean the wet well was significantly higher at approximately \$503,500. As such, we request the project budget be increased by \$273,000 to account for this difference, for a total project budget of 2,188,000. Please see the attached revised project estimate that includes this cost increase. The additional funds for this project have already been accounted for in the major maintenance fund as part of the Board's approved 2021-2022 budget. This memo formalizes the request to increase the project budget allows Oakland County's accounting department to revise the project budget estimate accordingly.

Requested Action: Approve the revised project budget for the OMID Immediate Repair Project to a not to exceed amount of \$2,188,000.



# OMID Immediate Repairs Project Oakland-Macomb Interceptor Drain Drainage District 16-Jun-21

	_		otal Cost
1) Construction (FAC)			
Project Construction Cost		\$	1,352,801
Additional Wet Well Cost Additions		\$	273,000
Construction Contingency	b-Total	\$ <b>\$</b>	1,626,000
2) Project Development: Engineering Consulting (ENG CON)	D-TOLAI	Ψ	1,020,000
NTH Consultants Design		\$	51,622
NTH Consultants CCA		\$	176,879
Additional Scope		\$	20,000
·	b-Total	\$	249,000
3) Project Financing & Legal (LEGAL)		•	_ 10,000
Project Insurance		\$	_
Bond Issuance (Legal)			_
Bond Issuance (Financial Consultant)		\$	_
Bond Ratings		\$ \$ \$	-
Legal Fees (communities contract agreements)		\$	-
Sul	b-Total	\$	-
3) Right-of-Way Services (ROW)			
Legal & Easement Fees		\$	1,000
Permits		\$	-
County Personnel Time	_	\$	1,234
Su	b-Total	\$	2,000
4) Exclusive County Services:			
Administration (ADM)		\$	13,300
Engineering-MCPW (ENG)		\$	24,508
Engineering-OCWRC (ENG)		\$	35,214
Construction Inspection (INS)		\$	52,034
Surveying (SUR)		\$	5,511
O&M/Equipment-MCPW (STD)		\$ \$ \$	3,400
O&M/Equipment-OCWRC (STD)		\$	3,400
Startup and Training/Corrections-MCPW/OCWRC (STD)	b-Total	<u>ф</u>	137,000
Su	b-Total	Ψ	137,000
5) Subtotal:		\$	2,014,000
6) Contingoncy (10% 12 18 19 Budget)		¢	474.000
6) Contingency (10% 12-18-19 Budget)	4 O s = 1 =	φ •	174,000
Final Project	t Cost	\$	2,188,000

6) CVT Shares/Allocation: N/A

I hereby certify the period of usefulness of these facilities to be thirty (30) years and upwards.

By:
Joel Brown, P.E.
Project Engineer

## Oakland-Macomb Interceptor Drain Drainage District

Regular Meeting – Wednesday June 16, 2021

# Agenda Item No. 8

**Engineering Work Order** 







## Oakland-Macomb Interceptor Drain Drainage District

TO: Michael Gregg, Chairperson

Oakland-Macomb Interceptor Drain Drainage Board

FROM: Joel Brown, P.E. Oakland County Water Resources Commissioner's Office

Stephen Downing, Macomb County Public Works Commissioner's Office

**SUBJECT: Motor City Electric Technologies Engineering Work Order to Extend Contract** 

#5469, Adjust Rate Compensation and Establish As-Needed General Services

Scope

**DATE:** June 16, 2021

The existing Contract #5469 between the Oakland-Macomb Interceptor Drain Drainage District (OMIDDD) and Motor City Electric Technologies (MCET) is set to expire July 31, 2021. This contract has been primarily utilized for MCET to provide as-needed Systems Control and Data Acquisition (SCADA) troubleshooting, repair, programming, and other services at the Northeast Sewage Pumping Station (NESPS) and the Oakland-Macomb Interceptor Drain control structures. MCET personnel have proven to be knowledgeable, reliable, efficient and cost-effective in providing these services to the OMID. This is especially valuable at a crucial time when there are multiple projects upstream, downstream and within the OMID system are occurring that are heavily reliant on SCADA operation for flow control management. MCET performs a vital contractor role in keeping the OMID system SCADA operational. As such, it is our recommendation that MCET continue to provide these services until at least the NESPS Pumping and Electrical Upgrades project and the OMID NI-EA Contract No.1 PCI Rehabilitation projects are complete, which is currently expected to be by the end of 2023. Consequently, we recommend that Contract #5469 be extended until December 31, 2021.

Further, MCET has kept its rates stable since 2018, with no escalation adjustment. It is therefore appropriate that a rate adjustment be made to account for various escalation costs, such as inflation. MCET has submitted a revised rate schedule for consideration.

Finally, one of the primary purposes of the original contract was to assist the OMIDDD in transitioning operational and maintenance control of the Northeast Sewage Pump Station (NESPS) from GLWA to OMIDDD and the scope of work is tailored to that goal. However, as indicated above, the contract has been utilized for as-needed SCADA services on the OMID system as a whole. For the purposes of clarity, we believe it is prudent to define those services within the contract as follows:

- a. Provide miscellaneous instrumentation and control (I&C) services on an asneeded basis at or for various OMID operated and/or maintained facilities. Services shall include the following:
  - Repair various programmable logic controllers (PLC), microprocessors, current to pressure (I/P) signal converters, transmitters, pneumatic controllers, magnetic flow meters, level and flow measuring devices, gas detectors, transducers and other I&C equipment.

- ii. Troubleshoot and program I&C software and equipment.
- iii. Provide and install new and rebuilt I&C equipment as necessary.
- iv. Provide emergency services for repair, calibration, programming, replacement, etc. of miscellaneous I&C equipment.
- v. Address OMID SCADA software issues, required corrections, programming and/or other Owner directed changes as needed.

The attached Engineering Work Order has been developed to include the above services, adjust the compensation rates according to MCET's rate schedule and extend the contract to December 31, 2021. At this time, a contract price increase is not needed as there are sufficient funds on the existing contract to perform these services.

RECOMMENDED ACTION: Approve the attached Engineering Work Order to modify MCET's Contract #5469 to provide the above general services and others specified in the original contract according to the rate schedule attached to the EWO until December 31, 2023.

#### OAKLAND COUNTY WATER RESOURCES COMMISSIONER

One Public Works Drive Phone: (248) 858-0958 Waterford, Michigan 48328-1907

No.	-		
-----	---	--	--

#### **ENGINEERING WORK ORDER**

FOR:	OMID Maintenance Contract Extension and Scope of Serv	/ices	
	Amendment to Contract #5469 For Professional Services		
TO:	Motor City Electric Technologies, Inc. (MCET)	DATE:	6/4/21

#### **DESCRIPTION**

Section 3-Scope of Contractor's Services, Section 4, Drainage District Payment Obligation for Contractor's Services, Exhibit II - Scope of Contractor's Services and Exhibit III - Contractor's Proposal

This Engineering Work Order (EWO) No. 2 is required to define specific additional tasks and compensation related to OMID Systems Control and Data Acquisition (SCADA) functionality that falls under the aforementioned sections of contract #5469. This EWO serves as your approval for the following additional general services. In addition, the attached 2021-2023 compensation rate sheet will serve as the new compensation basis for the services provided under this contract as of July 1, 2021.

- a. Provide miscellaneous instrumentation and control (I&C) services on an asneeded basis at or for various OMID operated and/or maintained facilities. Services shall include the following:
  - i. Repair various programmable logic controllers (PLC), microprocessors, current to pressure (I/P) signal converters, transmitters, pneumatic controllers, magnetic flow meters, level and flow measuring devices, gas detectors, transducers and other I&C equipment.
  - ii. Troubleshoot and program I&C software and equipment.
  - iii. Provide and install new and rebuilt I&C equipment as necessary.
  - iv. Provide emergency services for repair, calibration, programming, replacement, etc. of miscellaneous I&C equipment.
  - v. Address OMID SCADA software issues, required corrections, programming and/or other Owner directed changes as needed.

Contract #5469 is also extended until December 31, 2023 as part of this Engineering Work Order.

#### **DESCRIPTION**

Fees for this Engineering Work Order shall be billed on a time and material basis according to the rate schedules included with this EWO unless otherwise agreed to in writing. No additional contract amount increase is needed at this time.

PREPARED DATE:	RECOMMENDED DATE:
Joel Brown, P.E. By: Project Engineer OCWRC	Stephen Downing By: Construction and Maintenance Manager MCPWO
ACCEPTED DATE:	APPROVED DATE:
Dave Krausman By: General Manager Motor City Electric Technologies, Inc.	Sid Lockhart, P.E. By: Special Projects Manager OCWRC
Approved by Drainage Board on:	

#### OMIDD Schedule of Service Rates - 2021-2023

SCHEDULED	Standard	Overtime	Premium
<ul> <li>Engineer - Controls / PLC / SCADA / Automation</li> </ul>	90.00	126.00	153.00
<ul> <li>Engineer - Wireless / RF / Network/ Security</li> </ul>	90.00	126.00	153.00
Project Manager	120.00		
<ul> <li>Technician - Voice / Data / Security / Wireless</li> </ul>	84.00	118.00	144.00

#### **EQUIPMENT**

• Service Truck / Van \$9.50 Per Hour

#### MATERIAL/SUB-CONTRACTORS

Material
 Sub-Contractors
 Cost Plus 15%
 Cost Plus 5%

#### **Description of Rates**

andard Rate: Monday through Friday, 8 consecutive hours, between the hours of 7:00 a.m.

and 5:00 p.m.

Overtime Rate: Monday through Friday, in excess of 8 hours per day, Saturdays, and Monday

through Friday between the hours of 5:00 p.m. and 7:00 a.m.

Premium Rate: Sundays and holidays

## Oakland-Macomb Interceptor Drain Drainage District

Regular Meeting – Wednesday June 16, 2021

# Agenda Item No. 9

Change Order

#### CHANGE ORDER NO. TWELVE

### Oakland Macomb Interceptor Drain, Drainage District (OMIDDD)

For Construction of the Pump and Electrical Upgrades Project Northeast Sewage Pumping Station (NESPS)

Located in the City of Detroit, Wayne County, Michigan

CONSTRUCTION MANAGER Walsh Construction Co. II, LLC

Authorization for: 1.) Sealing of water infiltration at Pump Discharge piping wall sleeves; 2.) Installation of addition re-steel dowels for Electrical Building masonry walls:3.) Revise electrical conduit layout for Transformer NGR location; 4.) Install additional knife gate drain valve for isolation of individual Sewage Pump Intake valve drains, including supports and extended valve handwheel operator; 5.) Furnish and erect "Mini-Platform" elevated work stations for maintenance access to the Knife Valve Actuators for Sewage Pumps # 1, # 5, and # 6; 6.) Furnish and install 316L Stainless Steel piping to replace contract specified copper piping for Sewage Pump and Motor "Seal and Service Water" lines; 7.) Furnish and install a fabricated steel roof ladder on the NESPS main roof to access the fan room roof: 8.) Provide temporary support of electrical duct bank on GLWA property; 9.) Remove existing failed NESPS roof conductor drainage system and replace with upgraded PVC piping.

Address:

Walsh Construction Co. II LLC

3031 West Grand Blvd., Suite 640

Detroit, MI 48202

Change Order No. 12 Date: June 04, 2021

No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
	<u>Location</u> Northeast Sewage Pumping Station  Detroit, Wayne County, Michigan					
12- #1	DESCRIPTION (Extra/ Add):  Provide specialized leak control efforts to eliminate water infiltration into the Pump Station interior through pump discharge piping wall penetrations for Sewage Pumps # 1,2, 5, and 6.	LS	1 ea.	\$51,487.56	\$51,487.56	-0-

Page 1 of 8

No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
12- #1	REASON:  The original 78 in. dia. pump discharge piping steel pipe penetrations extending from the station interior to the Gatehouse have over time demonstrated water infiltration resulting in a calcium carbonate accumulation on the station walls in addition to creating a maintenance nuisance condition.  This additional work is intended to permanently seal the infiltration and resolve these problems.  Note: Value indicated is a "Not to Exceed" amount and may be adjusted based on field performance.  Attachment: Walsh Construction PCI No. 970044					
12-#2	DESCRIPTION (Extral Add):  Drill and epoxy anchor reinforcing steel dowels for an improved masonry wall to concrete floor connection in the proposed Electrical Building.  REASON:  Upon review of the final Electrical Building masonry wall details, the Architect-Engineer determined that additional re-steel dowels are required in specific wall sections to the floor to wall structural connection particularly in areas adjacent to doorways, corridors, short wall lengths, and other special concern locations.  Attachment:  Walsh Construction PCI No. 970047	LS	1 ea.	\$3,633.57	\$3,633.57	-0-
12- #3	DESCRIPTION (Extra/ Change):  Revise the conduit installation on the proposed Electrical Building Transformer Pad "Neutral Ground Resistor" (NGR) conduit layout.	LS	1 ea.	\$1,943.69	\$1,943.69	-0-

No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
12- #3	REASON:  Proposed Transformers T-3 and T-4 have integral NGR units as compared to the plan layout indicating separate, isolated units. This change required a combination of conduit run deletions and compensating extensions to address the changes in conduit layout between the transformers and the Electrical Building interior switchgear "stub-up" locations.  Attachment: Walsh Construction PCI No. 970068					
12- #4	DESCRIPTION (Extral Add):  Furnish and install an additional 8" dia. Knife Gate Valve (KGV) on the sanitary drain line header originating at the new sewage pump suction piping, including the necessary valve supports and extension hand wheel operator.	LS	1 ea.	\$26,275.70	\$26,275.70	-0-
	REASON:  Additional review of the overall drain piping layout in the Dry Well pump suction area indicate the need for an isolation valve to provide secondary isolation for the individual, main drain valves that connect to each sewage pump suction line. This additional KGV will provide that capability with a final discharge point at the existing sump pump pit adjacent to Pump # 6.  Attachment: Walsh Construction PCI No. 970061					
12- #5	DESCRIPTION (Extral Add):  Provide detailing, fabrication, shop painting, and erection of steel access platform stands for proposed Sewage Pumps # 1, 5, and 6 Knife Gate valve actuators, including safety railings and access stairs,	LS	1 ea.	\$24,424.02	\$24,424.02	-0-

No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
12- #5	REASON:  Similar to the extended height valve operators on existing Sewage Pumps #2 and 4, and proposed Pump # 3, the proposed actuators for Pumps 1, 5, and 6 have mechanism details that require observation and maintenance tasks to be performed at elevated levels above the main (lower) platform floor.  The 'Mini-Platforms" proposed in this change will provide safe access and adequate work stationing to the actuator "upper level" devices for maintenance personnel.  Attachment:  Walsh Construction PCI # 970045					
12- #6	DESCRIPTION: (Changel Add):  Revise the material requirements for exposed Sewage Pump and Motor Seal Water/ Service Water piping from copper to 316L Stainless Steel.	LS	1 ea.	\$21,618.47	\$21,618.47	-0-
	REASON:  The seal and service water lines to the main sewage pumps are integral to the operation of both the pumps (seal water) and motors (bearing assembly). While the major extent of these lines includes insulated copper tubing that provides protection from corrosion atmosphere, the final connections to the equipment remain exposed. To provide longer lasting, reliable performance of these critical lines, the material change from copper to 316L Stainless Steel was considered advantageous.  Attachment:  Walsh Construction PCI # 970062, Rev.1					
12- #7	DESCRIPTION: (Changel Add):  Furnish and install a fabricated steel roof access ladder with safety fall arrest system connecting the NESPS main roof to the adjacent (lower) fan room rooftop.	LS	1 ea.	\$ 9,147.38	\$9,147.38	-0-

No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
12- #7	Rehabilitation of the existing NESPS building roof has demonstrated the need for providing safe access from the main roof to the adjacent lower roof without the use of portable extension ladders operating from unsteady positions. The built-in fall arrest system will also accommodate standard devices used with conventional fall arrest body harness PPE.  Attachment: Walsh Construction PPCI No. 970050, Rev.2					
12- #8	DESCRIPTION (Change/ Add):  Provide temporary engineered support for the NESPS underground 24 kv electrical duct on GLWA. property.  REASON:  The newly installed underground conduit "duct bank" providing primary power to the NESPS created a scheduling conflict with a proposed GLWA large diameter water main currently under construction. The solution was to provide a temporary support "bridge" to suspend the duct bank over the water main excavation area until work was completed.  This task proceeded in an expedited manner to avoid delays in providing redundant power to the NESPS resulting from the current transformer outage.  Attachment: Walsh Construction PCI No. 970072	LS	1 ea.	\$15,706.00	\$ 15,706.00	-0-
12- #9	DESCRIPTION (Change/ Add):  Remove the existing NESPS building roof conductor drain system and replace with new drain piping and connection upgrades.	LS	1 ea.	\$60,312.21	\$60,312.21	-0-

No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
12-#9	REASON:  The existing roof drains and conductor piping were inspected with a video camera survey prior to the installation of the replacement roof and found to be in significantly deteriorated (or failed) condition. It was further determined that an appropriate course of action was to remove and replace the entire conductor piping system rather than pursue partial repairs to isolated segments thereby leaving the overall conductor system with future reliability concerns.  Attachment:  Walsh PCI No. 970071, Rev. 1  ***********************************					
					Amount Increase	Amount Decrease
				Totals	\$214,548.60	-0-
				Net Changes (Increase)	\$214,548.60	

Prepared By:	Javeli, Sellet	_ Date:	6-04-21
Lawrence T. Gilbert, P.E. NTH Consultants, Ltd.			
Recommended By: John Michalski, P.E. Engineer of Design, Applie	ed Science, Inc.	_ Date:	-
Approved By: Joel Brown, P.E. Project Manager, WRC		_ Date:	
Approved By: Stephen Downing Construction and Maintena	ance Manager, Macomb County Public Works	_ Date:	
Approved By: Sid Lockhart, P.E. Manager of Special Projec	its, WRC	_ Date:	
Approved by: Steve Korth, P.E. Manager, WRC		_ Date:	
All of Construction Managoidentified herein. No adjusubsequent related, Chang	er's contractual obligations remain in place and are stment to contract time or price shall be made for th ge Order.	applicab ese issu	le to all work and payments les except as set out in this, or by a
The Construction Manager on the basis indicated.	r agrees to do the work described above and agrees	s to acce	ept Contract time adjustments in full
Accepted by:	Title	Date	
of: ¸_	Walsh Construction Co. II, Inc.	-2	
The Construction Manage terms of the Contract, as a	r is hereby authorized and instructed to do the Work amended.	describ	ed above in accordance with the
This Change Order No.	12 was approved by the Drainage Board on:	Date:	
	Dog 7 of 0		

## Oakland-Macomb Interceptor Drain Drainage District

Regular Meeting – Wednesday June 16, 2021

# Agenda Item No. 10

**Construction Estimates** 

# OAKLAND MACOMB INTERCEPTOR DRAIN DRAINAGE BOARD Northeast Sewage Pumping Station- Pump and Electrical Upgrades Project Located in the City of Detroit, Wayne County, Michigan

Regular Construction Estimate No. Eight Page One of Two			May 01, 2021 throug	ugh May 31, 2021	
Page One of Two	Department No.:	6010101	Account No.:	731472	
	Fund No.:	84917	Program No.:	149015	
	Project No.: 1-3309	ı	Activity:	FAC	
Construction Manager a	at Risk:	Vendor # 23191	LI 43331; exp. 12/16/22		
Walsh Construction Co.			Date of Contract:	Dec. 16, 2019	
3031 West Grand Boulev	ard, Suite 640		Final Completion Date:	July 28, 2023	
Detroit, MI 48202		Contract No. 5977			
Orig. GMP amount for Pu	mp & Elec. Upgrades	Project, not including CS-	9 and Pre-Const. Balance	\$44,107,745.18	
Expended Pre-Construction	on Phase Amount			(\$1,174,363.30)	
Unused Pre-Construction	Phase Budget			(\$70,196.70)	
CS-9 Budget from GMP				(\$3,251,117.72)	
NESPS Pump & Elec. Up	ogrades Original Cor	ntract Budget		\$39,612,067.46	
Change Orders, This Esti	mate: C.O.# 11			(\$47,361.75)	
Previous Change Orders:	(C.O. #7, 8, 9 and 1	0)		\$694,999.79	
Unused Pre-Construction	Phase Budget			\$70,196.70	
Adjusted Construction Co	ntract Amount:			\$40,329,902.20	
Sub-Total To Date: (CS-9	Ocsts are Not include	ed on this Estimate)		\$8,944,950.47	
Less Deductions:				None	
Gross Estimate: (Work in	Place)	Complete = 22.2 %		\$8,944,950.47	
Less Amount Reserved (	10%)			\$894,495.05	
Total Amount Allowed To	Date:			\$8,050,455.42	
Less Previous Estimates:				\$6,603,752.77	
Current Payment Due				\$1,446,702.65	
Reserve Payment to Cont	ractor: None			\$0.00	
Balance to Finish: \$31,38	4,951.73		Accounting Auditor:		
Amount To Be Reserved	(From Above)			\$894,495.05	
Less Previous Transfers	Γο Reserve (N/I C-9 R	eserve)		\$733,750.31	
Amount of Current Transf	er			\$160,744.74	

# OAKLAND MACOMB INTERCEPTOR DRAIN DRAINAGE BOARD Northeast Sewage Pumping Station- Pump and Electrical Upgrades Project Located in the City of Detroit, Wayne County, Michigan

Regular Construction Estimate No. Seven Page Two of Two 04/01/ 2021 through 04/30/ 2021

Prepared by: Yawkii. Wilbert Lawrence T. Gilbert, P.E.; NTH Consultants Ltd.	Date: _	6-4-21
Recommended by:  John Michalski, P.E., ASI	Date: _	6/7/2021
Recommended by:  Joel Brown, P.E. Oakland County WRC	Date: _	
Recommended by: Stephen Downing Stephen Downing; Macomb County OPWC	Date: _	6/8/2021
Approved for Payment by: Sid Lockhart, P.E.; Special Projects Manager, Oakland County WRC	Date: _	
Regular Construction Estimate No. 7 / April 2021) An	proved By Board On:	

#### OAKLAND MACOMB INTERCEPTOR DRAIN DRAINAGE BOARD

For Construction of the Control Structure 9 Gate Installation Located in the City of Warren, Macomb County, Michigan Project ID 1-3308

Regular Construction Estimate No. 6(CS-9 Gat	May 01, 2021 through May 31, 2021		
Department No. Fund No. Project No.	: 84917	Account No.: Program No.: Activity:	730352 149015 FAC
Construction Manager at Risk, Walsh Construction Co. 3031 West Grand Boulevard, Suite 640 Detroit, MI 48202	Vendor # 23191  Contract No. 5977	LI 43331; exp. 12/16/22 Date of Contract: Final Completion Date:	Dec. 16, 2019 July 28, 2023
Original Construction Contract Amount: ( CS-9	Gate Gate Installation)		\$3,251,117.72
Previous Change Orders: C.O. # 9-1, and 9-2			\$7,929.16
Change Orders This Estimate: # 11-7			\$4,717.51
Total Net Change Orders:			\$12,646.67
Adjusted Contract Amount:			\$3,263,764.39
Sub-Total To Date: (CS-9 Charges only are inc	cluded on this Estimate)		\$2,002,165.21
Less Deductions:			None
Gross Estimate: (Work in Place)	61.3 % Complete		\$2,002,165.21
Less Amount Reserved (10%)			\$200,216.52
Total Amount Allowed To Date:			\$1,801,948.69
Less Previous Estimates: Paid under NESPS P	Pump-Elec. Upgrade App#	6	\$992,940.04
Net Payment Request To Be Paid To Contractor	or.		\$809,008.65
Reserve Payment to Contractor:			\$0.00
Balance to Finish: \$ 1,261,599.18 Reserve Payment		Accounting Auditor:	\$200,216.52
Less Previous Transfers To Reserve:			\$110,326.67 \$89,889.85
Prepared by: Lawrence T. Gilbert, P.E.; NTH Consultants Ltd		Date:	1.4.01
Recommended by: Saju Sachidanandan, P. E.	·	Date:	June 7, 2021
Recommended by:		Date:	
Recommended by: Stephen Downstephen Downing; Macomb County OPWC	ming	Date:	6/8/2021
Approved for Payment by: Sid Lockhart, P.E.; Special Projects Manager, 0	Dakland County WRC	Date:	
Regular Construction Estimate No. 6(CS-9 Gat	e Installation)	Approved By Board On:	

#### OAKLAND MACOMB INTERCEPTOR DRAIN DRAINAGE BOARD

For Construction of the NI-EA OMID Contract 1 - PCI 4 Rehabilitation Located in the City of Detroit, Wayne, Michigan Project ID 1-00000003308

Regular Construction Estimate No. 3		Period: 05/01/21 ti	rrough 05/31/21/
Department No.: Fund No.: Project No.:	84917	Account No.: Program No.: Activity:	731472 149015 FAC
Contractor: Marra Services, Inc. 700 E. 73 rd. Street Cleveland, OH 44103	Vendor # 29656 Contract Li # 44838 exp. 1/20/23	# 6323 Date of Contract: Final Completion Date:	January 21, 2021 September 8, 2022
Original Construction Contract Amount			\$14,732,510.00
Previous Change Orders: (None)			\$0.00
Change Orders This Estimate: (None)			\$0.00
Total Net Change Orders: (None)			\$0.00
Adjusted Contract Amount:			\$14,732,510.00
Sub-Total To Date			\$1,178,663.50
Less Deductions: None			\$0.00
Gross Estimate: (Work in Place)	8.0% Complete		\$1,178,663.50
Less Amount Reserved (10%)			\$117,866.35
Total Amount Allowed To Date:			\$1,060,797.15
Less Previous Estimates			\$521,1 <b>59</b> .40
Net Payment Request To Be Paid To Contractor	r:		\$539,637.75
Reserve Payment to Contractor:		A	\$0.00
Balance to Finish: \$13,553,846.50  Amount to be Reserved from Above		Accounting Auditor:	\$117,866.35
Less Previous Transfers To Reserve:			\$57,906.60 \$59,959.75
Prepared by: Lawrence T. Gilbert, P.E.; NTH Consultants Ltd.		Date: _	6-03-21
Recommended by: Saju Sachidanandan, P. E.	·	Date: _	June 4, 2021
Recommended by:  Joel Brown, P.E. Oakland County WRC		Date: _	
Recommended by: Stephen Down Stephen Downing; Macomb County OPWC	ing	Date:	-7-2021
Approved for Payment by: Sid Lockhart, P.E.; Special Projects Manager, O.	akland County WRC	Date: _	
Regular Construction Estimate No. 3	ı	Approved By Board On:	Methodologic Victorio de la composició d

## Oakland-Macomb Interceptor Drain Drainage District

Regular Meeting – Wednesday June 16, 2021

## Agenda Item No. 11

Report/Update – Status of OMID Project, Segments 1 through 4, NESPS, NI-EA

# Oakland Macomb Interceptor Drain (OMID) Repairs Project Progress Update

#### Prepared by:

F. Klingler, P.E., B. Kelly, P.E., FK Engineering Assoc.

S. Sachidanandan, P.E., L. Gilbert, P.E., NTH Consultants, Ltd.

J. Michalski, P.E., Applied Science, Inc.; T. Moore, Metco

J. Matteo, P.E., Jacobs Engineering, Inc.

## June 16, 2021 OMIDDD Board Meeting

The following provides a status update as of the writing of this report (June 7, 2021) for the work completed for the Oakland-Macomb Interceptor Drain Repair Program (SRF Segments 1-4; Contract 7 PCI-4 repairs; Maintenance Repairs in PCI-5 through PCI-11A; Control Structure Modifications; NIEA Repairs; NESPS Upgrades; Odor/ Corrosion Control System, and other related work):

## **SRF Segment 1 Status:**

#### **Contracts 1&2 – Complete**

# System-wide Odor/Corrosion Study (No Contract Number) – Contract Extended to May 15, 2022:

**Engineering Consultant:** Jacobs

#### **Project Budget Summary (including EWOs):**

Adjusted Project Budget (including EWOs and Fan Testing Allowance): \$567,447.00
 Total Spent (through May 2021): \$566,441.58

#### **Status of Major Project Tasks:**

- System-wide Odor/Corrosion Study and additional requested work is substantially complete, with final
  draft report issued. Final draft report was presented at April 2021 Drain Board meeting. Final report
  to be issued following any written final comments received by June 2021.
- Engineering Work Order #3 was approved during the April 2021 OMIDDD Board Meeting including scope of services referred to as the NI-EA Odor/Corrosion Study Phase 1 to evaluate the PCI-4 lining and corrosion.
- Jacobs delivered on May 28, 2021 a draft technical memorandum that summarizes the NI-EA Phase 1 odor sampling recently performed at the NESPS and in PCI-4.

## **SRF Segment 2 Status:**

## **Contract 3 (Base Contract) – Complete, Closeout Pending**

**Construction Amt Invoiced:** \$18,011,426.41, as adjusted by C.O. 11.

Schedule Status: Complete July 31, 2014; Overall Contract closeout will be combined with

closeout for NESPS Discharge Chamber Emergency Repairs (CO 2-E, et al).

## Contract 3-2E thru 3-2J (NESPS Gatehouse): Substantially Complete

**Construction Amt Invoiced:** \$5,151,543.52 Invoiced to date including Change Order 2E through 2J. Schedule Status: Substantially Complete on 11/25/17, with additional Gatehouse lining work

performed under Change Order 2-I and completed on March 31, 2019.

As previously reported, a generalized coating failure has occurred over large portions of the interior surface Gatehouse steel pipe discharge piping system. The interior Tnemec coating has substantially delaminated from the steel substrate in most visible areas of the piping. Currently awaiting response from the Contractor, the pipe/coating fabricator, and the paint manufacturer. Contract 3 (Base Contract and Emergency Gatehouse Repairs) remains open pending resolution of this issue.



West manifold Riser, **Tnemec Coating** 



West Manifold Close-up of **Peeled Coating** 

## **SRF Segment 3 Status:**

**Contract 4: Complete** 

## **SRF Segment 4 Status:**

**Contract 5A/5B – Complete** 

City of Utica Use Agreement for access paths is pending; awaiting final authorization.

## **Contract 6 – Complete**

Contract 7 (NIEA 110 feet of Emergency Rehab) - Complete, although deterioration recently noted (see NIEA Contract 1 Summary)

### **NESPS Odor/Corrosion Control System (No Segment or Contract No.)**

## **Construction Completed, Post-Construction Services Ongoing:**

**Engineering Consultant:** LG Design, Inc., subsidiary of Jacobs **Prime Construction Contractor:** CSM Mechanical, LLC

#### **Project Budget Summary:**

CSM Mechanical, LLC (Adjusted Contract Value w/ CO No. 1 through CO No. 9): \$4,192,686.74
 CSM Balance to Finish w/ Retainage (PA No. 16, work through 12/31/2020): \$47,644.74
 Jacobs Budget (Design and CA/RPR, per EWO No. 3): \$1,272,470.46
 Remaining Jacobs Budget (through May 2021): \$56,067.70

#### **Milestone Schedule Summary:**

• Actual Final Completion date for construction was December 23, 2020.

#### **Status of Major Project Tasks:**

All major work is complete, testing is completed, and the facility is in normal operating mode.
 Warranty issues with a 76-inch fabric duct in the wet well are being addressed by the Contractor.
 Scaffolding is erected inside the wet well and a portion of the fabric duct is being replaced with stainless steel elbows during early June 2021.







Wet well make up air unit duct line below deck

## **NESPS & OMID Maintenance & Repairs Status:**

Amt Invoiced: \$199,701 thru April out of current \$353,000 ASI engineering

budget; Does not include Metco budget for ongoing flow

control, maintenance, and coordination.

Schedule Status: Ongoing

Note that due to general failure on June 5, 2021 of the GLWA transformers servicing the plant, the NESPS has been operating off the existing generator system since that time. Emergency repairs to the transformers that will allow resumed use of DTE power are ongoing.

Advance modifications to facilitate the "Emergency Contingency Plan" for future events that incapacitate the emergency generator system are underway to allow pumping in the event of total power loss at NESPS or other catastrophic failure in the system:

- Electrical work to allow Pump 4 to better accept an outside emergency generator is ongoing. The bus duct assembly is on site, with additional equipment necessary to complete the final installation being manufactured. Certain components of the electrical work are installed, with the remainder of the work to be completed in early June. Contractor EATON is working out several issues in the field to make the manufactured components fit correctly. A complete shutdown of the facility, including lights, pumps, elevator, etc. will be required to install the bus plate required to connect the new transition section to the existing switchgear.
- Manhole modifications for step removal completed at 6 of 7 locations.
- Advanced emergency plan document to include pumping details and traffic control from pump out locations is preliminarily complete; awaiting completion of manhole and electrical modifications to finalize the document.

#### Additional work being performed under Metco Maintenance Contract for NESPS:

- Currently assisting with emergency operations related to the current primary power interruption.
- NESPS Transformer 3 remains out of service. New Transformers arrived May 27th.
   Installation procedures in progress Transformer 4 and Standby Generator are supply and backup continues without any issues.
- Pump 4 Catastrophic Generator Prep work underway. Eaton technicians and MCE are involved. Once complete a brief full station shutdown to connect will occur.
- Coordination between GLWA, MID, NESPS, Pump/Electrical Upgrade Project has not affected station operations nor hindered performance or abilities to meet demands.
- Monthly Wet well sediment measurements completed. No significant changes. Bar screen pass through ability good. An analysis of sampled sediment indicates that material accumulating in the wet well was after drying, approximately 95% moisture and/or organics, and did not contain any unusual amount of silt, sand, gravel, or other material that would indicate a concern for soil infiltration upstream, or introduction of foreign material (i.e. dumping) into upstream manholes.
- Mechanical and Electrical corrective/preventative maintenance schedules continue to proceed without any problems.
- Sanitary Pump #1 demolition continues without any disruption to station operations. Knife gate removal pre-task meetings are underway.
- NESPS Health and Safety Plan reviewed, comments submitted.

#### **Overall Station Performance Report:**

- Sanitary Pumps #2, #4, 5 and #6 ready for duty. (490) CFS Capacity).
- May monthly pump mechanical preventative maintenance completed.
- Service Elevator rehabilitation complete. Temporary permit still active. Continue to work through miscellaneous inspector punch list items.
- NEXGEN asset management project progressing well. Contractor portal ready for use.
   Contractor training continues.
- No odor complaints received since Oct 8<sup>th</sup> 2020.
- Bio Filter performance normal. Daily readings taken and recorded.
- A transformer failure at NESPS occurred on June 5, 2021, due to electrical issues at the Northeast Water Treatment Plant. Currently, NESPS is being operated on back-up generators though the overall system has been impacted by pumping capabilities.
- Overall General Housekeeping tasks in order.





Sediment sampled from wet well during testing. Left: After oven drying to remove moisture. Right: After Loss on Ignition Testing to remove organic material.

#### Control Structures Performance Report (CS-5, CS-6, CS-7, CS-8):

- Daily flow control operations support MID/OMID/GLWA repair and improvement projects. Coordination between all groups is going very well without any delays.
- All LOTO protocols implemented. (No issues to report).
- Annual preventative maintenance completed. (Annual preventative maintenance completed; No major issues to report.
- CS-6, CS-7, and CS-8 all in stand-by mode ready for service.
- CS-5, In stand-by mode ready for service. (Nitrogen tank sent out for repair no interruption in operations)
- System wide remote communications are good.
- Routine daily rounds and inspection made no other maintenance issues to report at this time.

## **OMID Control Structure Upgrades Status:**

**Amt Invoiced:** \$69,772 Engineering services to date; Total design and construction budget

currently established as \$500,000 (including contingencies and admin/legal).

**Schedule Status:** Construction of cover mods substantially complete 8/14/20

• Hatch and Access improvements complete, CSM Contract closed-out.

- CS-5, CS-6, CS-7, and CS-8 mechanical repairs have been completed by HESCO and control structures are in stand-by mode, ready for service.
- HESCO has developed an inventory list of critical spare parts, and is evaluating long term
  operability, to estimate future life and predict schedule for potential future upgrades. OMID
  approved spare parts are arriving.
- There are currently no issues with system-wide communications after recent MCE upgrades and PLC implementation.
- Verification of the new gate-release logic will be conducted by ASI after several storage events are conducted. ASI will provide the confirmation. Storage events expected in Spring 2021.

## **OMID System 3-Year Spot Repairs and 6-Year Inspection Status:**

Amt Invoiced: Total design and construction budget for 3-Year repairs currently is established

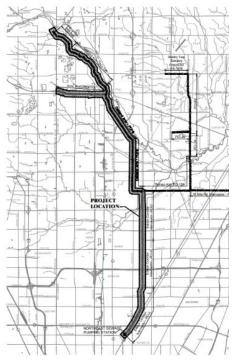
as \$1,352,801 (including contingencies and admin/legal).

#### **Schedule and Progress Status:**

- Doestch field work for repairs complete 4/7/21, and work is considered substantially complete.
- Cleaning completed in PCI-11
- Site restoration underway
- The 6-Year inspection is authorized and is in planning, with work expected to start in June 2021.



Cleaning of PCI-11 in progress



**OMID Spot Repairs Project Location** 

## **NIEA Repairs (Design/Construction)**

Amt Invoiced: \$1,898,009 out of currently projected study/design budget of \$2,400,570; Total

design and construction budget currently is \$44,168,770 (including contingencies and admin/legal). Work is now complete to 8% of the Contract value, based on the

current application for payment.

Schedule Status: Contract 1: Contractor mobilized and the PCI-4 Interceptor Outer Drive Access Shaft

excavation is in progress.

Contract 2: 90% design work complete; expected to bid potentially in autumn, 2021 pending coordination with GLWA projects that impact flow control management

requirements.

#### Contract 1 (PCI-4 Rehabilitation)

- Ongoing discussions of options for repairing deteriorated upper 110 ft of PCI-4; re-lined only 3 years ago, but now undergoing failure of applied material. Working w/ material supplier (Milliken) to determine cause; although proceeding with options for lining under NIEA Contract 1.
- Work is completed on the dewatering well installation for the Outer Drive Access shaft. Activation of the system is awaiting DTE permanent power service.
- All geotechnical instrumentation installed and in service; reports being generated.
- Adjacent 12-foot DWSD sewer found to be of-line near shaft location; confirmed to be clear of shaft by about 4 feet.
- Work has commenced on the preliminary stages of the Access Shaft with steel liner plates and support rib installation continuing with the excavation.



Installation of liner plate TERS underway on May 24



Inclinometer installed for geotechnical monitoring of shaft construction



Pipe assembly in progress by Marra Services in Dubai

#### Contract 2 (PCI -18/19 Rehabilitation)

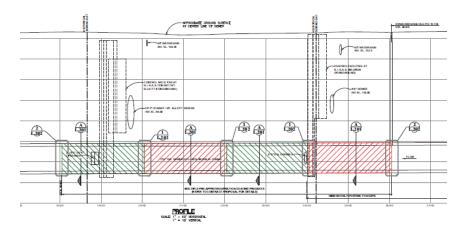
- Coordination meetings and discussions are ongoing regarding cost sharing of rehabilitation of common to all portions of the NI-EA and new control structures, and other miscellaneous design coordination efforts.
- Currently working to address potential conflicts between C2 and GLWA Contract DB-226. This issue may delay C2, and/or result in modifying the contract delivery approach.
- NI-EA OMID Contract No. 2 PCI-18 & 19 Rehabilitation GLWA concept design review set has been issued to GLWA and a workshop was conducted to go over the design concepts. Final bid package is in preparation; completion pending determination of potential impacts from downstream flow control issues; expected bid date in September 2021.

The **draft** line item schedule and budget are summarized:

Work Item/ Milestone	Estimated Budget Expenditure (Engineering)	Estimated Budget Expenditure (Contractor)	Estimated Delivery Date
Lining Study Final Report	\$126,744		10/30/2019
90%, 100% Design Package			3/20/2020 and 4/28/2020 (Contract 1) 4/16/2021* and TBD* (Contract 2)
MDEQ Submittal (Part 41)			4/28/2020 (Contract 1) TBD* (Contract 2)
Issued for Bid			6/10/2020 (Contract 1) 6/7/2021* (Contract 2)
Bid Opening			9/30/2020 (Contract 1) 7/14/2021* (Contract 2)
Contract Award and NTP			12/16/2020 and 1/04/2021 (Contract 1) 10/22/2021* and 11/10/2021* (Contract 2)
Subtotal - Design	\$2,400,570		
Final Completion of Construction	\$3,500,000	\$35,000,000	07/23/2022* (Contract 1) 05/30/2023* (Contract 2)



NI-EA OMID Contracts 1 & 2 Project Location



NI-EA PCI-19 lining sections (assuming 800' lining length)

## **NESPS Pump and Electrical Upgrades Project**

Budget Status: \$1,280,139 billed out of current Design Budget of \$1,382,430; \$671,633 out of the

current CCA Budget of \$2,443,262. Total construction budget currently established as \$40,329,902.20, including contingencies and admin/legal, through C.O. #11). The total amount invoiced to date as of May 31, 2021 is \$8,944,950.47 (including the Control Structure 9 Bulkhead Gate facility), representing 22.2% of the project

adjusted contract value.

**Schedule Status:** On Schedule.

The following Design Team Effort work is active:

- A review of alternative energy saving methods and pump sequence remains ongoing, incorporating GLWA SCC comments.
- Evaluated concepts for lining interior and exterior of discharge piping for Pumps 5, 6, and 2. Quake-wrap product selected as most cost effective.
- All permits received.

The following Construction Services work is active:

- Construction Phase services (RFI's, Submittals) are ongoing, and the engineering team is reviewing and responding.
- The Design team and Walsh working together to improve the sequence of construction, and manpower loaded schedule. As part of this, Walsh has submitted an updated cost-loaded schedule.
- Work for the internal mechanical and electrical equipment has commenced with shop drawing and prep work. First major mechanical item was installation of knife gate valve at Pump No. 3.
- Structural Steel erection including metal deck installation for the Electrical Building is now complete.
- Roofing work for the new Electrical Building is complete with re-roofing of the existing Pump Station now underway.
- Site work for the drainage system and Detention Pond is in progress, including the placement of surplus earth fill for the proposed future Solar Array Platform. Work is nearing completion with final site grading to follow.
- Scheduling and preparations are being made to decommission Pump No. 1 and prepare the area
  for knife gate removal and replacement of the pump and motor. The P-1 motor has been
  removed and transported off site for disposal. The P-1 discharge piping has also been
  substantially disassembled and is undergoing removal from the facility for disposal.
- Construction of the 24kv underground conduit line for primary station power originating at the GLWA Water Treatment Plant is complete and cable pulling with the new primary cable is in progress.
- The **draft** line item schedule and budget are summarized:

Wo	rk Item/ Milestone	Design/CCA Budget	Const Budget	Estimated Delivery Date
2	Final Basis of Design			5/31/2019
7	MDEQ Submittal (Part 41 Permit)			4/8/2020 (initial pkg)
8	90% Design Submittal			6/30/20
9	Final Package Development			8/14/2020
	Subtotal - Design	\$3,826,000	\$43,581,019	
10	Substantial Completion	\$2,500,000 (est.)	\$43,300,000 (est.)	3/24/2023
11	Final Completion			6/23/2023



NESPS Refurbishment Project Location



**Delivery of primary electric transformer** 



NESPS Electrical Building progress in May, 2021

### **CS-9 Gate Installation**

**Budget Status:** 

**Schedule Status:** 

Total design and construction budget currently established as approximately \$3.2M (including contingencies and admin/legal). Engineering/Design efforts complete; CMAR ongoing, on time. Work is now estimated at 61 % complete based on current Progress Payment Applications, and current projections suggest the project will reach completion on or ahead of schedule.

#### The following work is active:

- Hydrogate Gate bulkhead Gate has been received on site and installed in place
- Work is completed on the underground electrical conduit installation including the foundations for the DTE Meter and switchgear panels.
- Shop fabricating of the stainless steel hydraulic lines is complete, and field installation within the Capture Shaft is continuing with installation of the cabinet enclosure for the Hydraulic Power Unit (HPU).
- HPU now on site and underground testing and startup in process.



CS-9 Project location



Progress at CS-9 in May

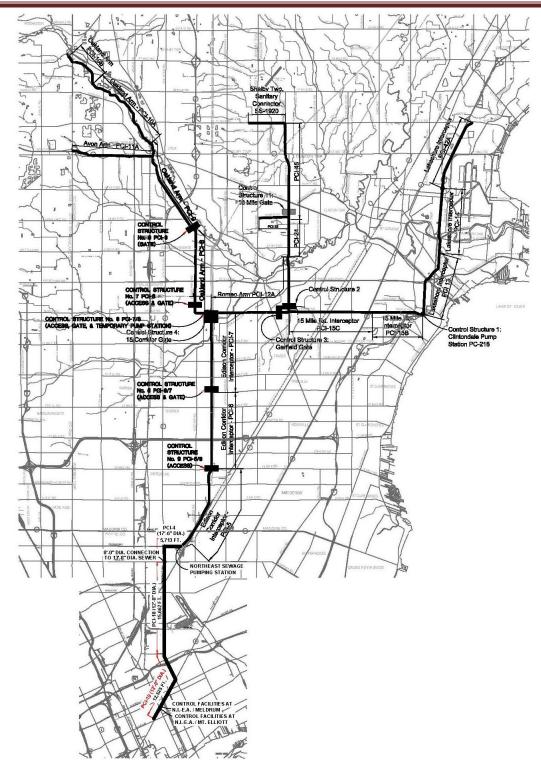
Gate onsite at CS-9

### **Summary of OMID Design and Construction Status:**

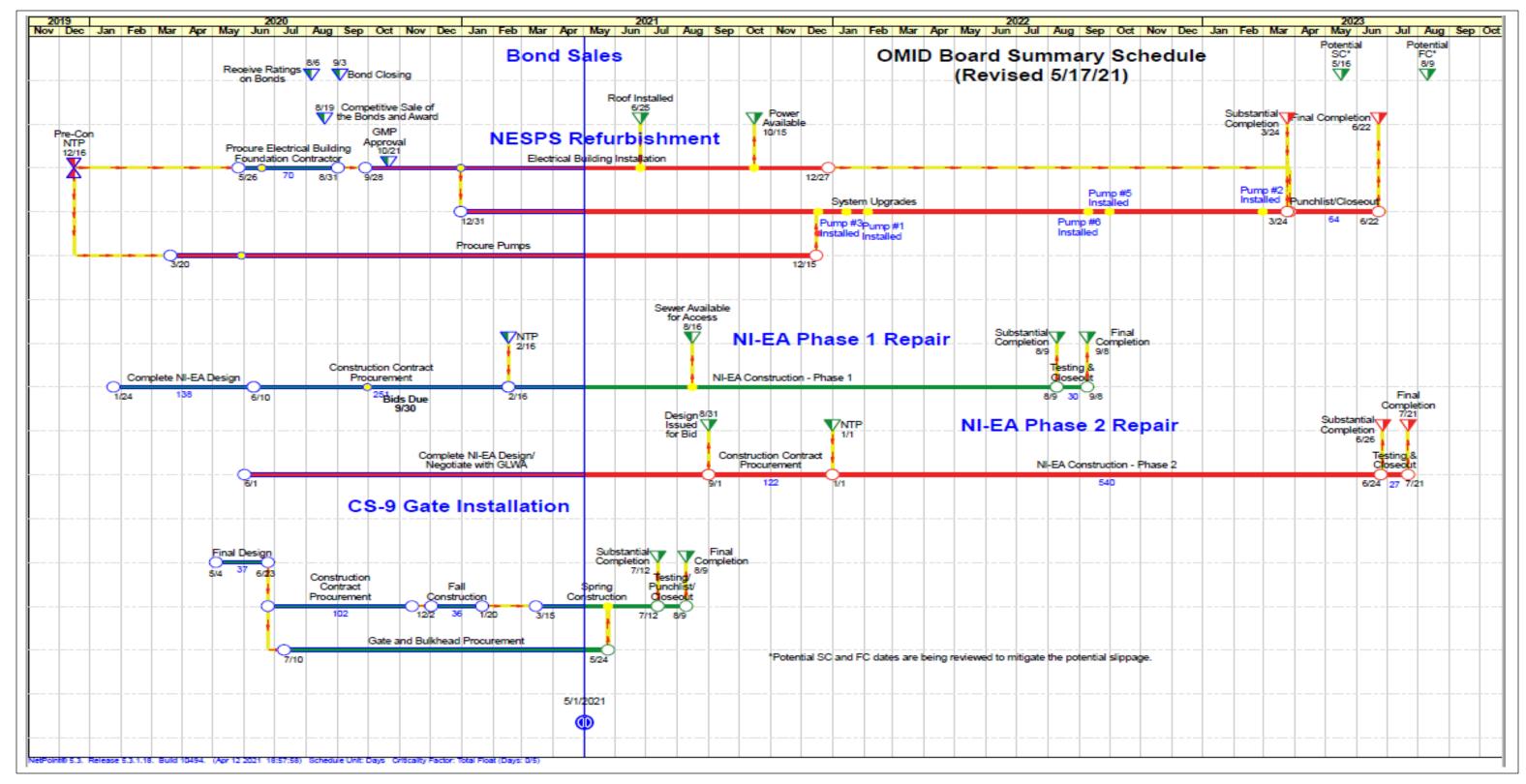
Work In Construction Since 2009									
Seg. No	Contract No. (Description)	Contractor	Const.	As-Builts Final?	Balancing Change Order?	Contractor Closed Out?	Easements Settled?		
1	Contract 1 (CS-9, 5, 3)	Ric-Man	Υ	Υ	Υ	Υ	Υ		
1	Contract 2 (CS-6, 7, 8)	Ric-Man	Υ	Υ	Υ	Υ	Υ		
2	Contract 3 (Gatehouse)	IWPC (Weiss)	Υ	Υ	Υ*	N*	N/A		
2	Contract 3 (Grouting PCI-5 thru 8)	IWPC	Υ	Υ	Υ	N*	Υ		
3	Contract 4 (Lining PCI-5 thru 8)	Jay Dee Cont.	Υ	Υ	Υ	Υ	Υ		
4	Contract 5 (Lining PCI-9, 10A/B)	Lanzo	Υ	Υ	Υ	Υ	N		
4	Contract 6 (Lining PCI-11A)	Lanzo	Υ	Υ	Υ	Υ	Υ		
N/A	Contract 7 (Lining 110' of NIEA)	IWPC	Υ	Υ	Υ	Υ	N/A		
N/A	Odor/Corrosion Control System	CSM	Υ	N	N	N	N/A		
N/A	Control Structure Modifications	CSM/Hesco/MCE	Y/Y/N	Y/Y/N	Y/N/N	Y/N/N	N/A		
N/A	OMID Maintenance Repairs	Doetsch	Υ	N	N	N	N/A		
N/A	CS-9 Gate Modifications	Walsh as CMR	N	N	N	N	N		
N/A	NESPS Pump & Electrical Upgrade	ASI;Walsh as CMAR	N	N	N	N	N		
N/A	NIEA-OMIDDD Contract 1 (PCI-4)	Marra	N	N	N	N	N		

<sup>\*</sup> In review, pending Coating Issues Resolution and Change Order and Memo of Understanding approvals

Work Currently in Design/Study/Engineering								
Description	Design Consultant	Status						
System-wide Odor/Corrosion Study	Jacobs	Study Complete						
NESPS & OMID Maintenance & Repairs	Metco	Engineering/Maintenance Ongoing						
NIEA-OMIDDD Contract 2 (PCI-18/19)	NTH	Design ~90% Complete; pursuing cost sharing w/ GLWA						
Emergency Pumping Plan	ASI/FKE	Design Complete; Field work ongoing						



Overview of OMID System in Oakland, Macomb, and Wayne County



MID/OMID Construction Schedule

									$\overline{}$											$\overline{}$											
Project	Work Location	Owner	Lead Engineer	Contractor			2021	, ,	⊥		_	2	2022					202	23	4	MI	D/OM	IID Co	_	_	es Rec	quired	to Sto	re Flo	w	Concurrent Work Notes
,		0			1 1	А	s o	N	D l	F	ЛΑ	M 1	1	A S	0	N D	JF	м	АМ	1 0	CS-2	CS-3	CS-5	CS-6	CS-6 PS	CS-7	CS-8	CS-9	CS-12	CPS	
MID Grouting (Preliminary schedule has GI and LSI work beginning when	Lakeshore Interceptor (LSI)	MID	AEW	Doetsch	//	//		П	T	П										П	-		-	-	-				n/a	N	Work is Random - If other work requires CS-3 closure, then LSI work will be concurrent. CPS can not bused for storage. Schedule duration is TBD based on grout takes.
MID Drop Shaft Rehab	MA-S-2, CT-S-2, HR-S-2	MID	NTH	IWPC				П	T											П	-			-	-				n/a		May require brief MID/OMID flow control. Local community bypass required into MID/OMID interceptor.
MID Inspection	Routine Inspection of MID Manholes & Interceptors	MID	Fishbeck	Doetsch																	-			-	-				n/a	-	Work may require breief flow control to inspect certain reaches. Work will be coordinated around active construction.
Segment 6 Lining	15 Mile upstream of Garfield & between CS-2/CS-3	MID	FKE	Ric-Man		/	$/\!/$	//	//	$\mathbb{W}$	//	$/\!/$									Y	Y	N	-	-				Y	Y	May work concurrent with Segment 5 or NIEA rehabilitation. Flow control conditions at the CS gates i similar with the exception of utilizing CS-2. Schedule is preliminary.
SY-S-2, SY-S-1, WA-S-1 Meter Pit Rehab	SY-5-2, SY-5-1, WA-5-1	MID	HRC	Wiess				П												П											Local by-pass pumping occuring.
Segment 5 Lining*	15 Mile between ITC Corridor & Eberlein	MID	FKE	OR	//	//	$/\!/$	$/\!/$	//	$\mathbb{W}$	//	$/\!/$	//	$/\!/$	$\langle \rangle$	$/\!/$	$/\!/$	//	$/\!/$		-	Y	N	Y		Y	Y		Y	н	If work is concurrent with NIEA rehabilitation; CS-9 is required. Flow control dates may change depending on sediment removal means and methods.
NIEA Rehabilitation	PCI-4 Shaft & Lining	OMID	NTH	MARA	/	//	$/\!/$	$/\!/$	//	$\mathbb{W}$	//	$/\!/$	//									Y	N	Y		Y	Y	Y		н	If work is concurrent with Segments 5 & 6 Lining; CS-9 is required.
(Downstream of NESPS)	PCI-18/19 Spot Repairs, Lining, and Flow Controls	OMID	NTH	TBD																											Shaft construction. MID/OMID flow control may be required depending on 7-Mile Relief Inter- Connection and PC-663 Gate status. Coordination with GLWA and downstream system when flow is diverted to 7 Mile Relief.
OMID CCTV Inspection	Throughout System	OMID	NTH	Doetsch	$/\!/$	//															-	Y	Y	Y	-	Y	Y		n/a	н	Flow control will be required within certain reaches to facilitate.
CS-9 Gate Installation	CS-9	OMID	NTH	Walsh																	-	Y	y	y		y	y	y	n/a	н	May require brief flow control for installation. Will require flow control for operations testing and verification.
NESPS Improvements	NESPS Pump Replacement	OMID	ASI	Walsh																	-	Y	-	Y	-	Y	Y	Y	-	н	Will require brief flow control for pump installation, gate installation, and electrical work.
DB-226 DRI Repairs	GLWA - DRI	GLWA	FKE	Jay Dee																	-		-	-	-				-		Can be effected by flows rerouted from the NIEA to the DRI.
PSPS / COSDS Work (PSPS Shutdown)	PSPS	WRC	n/a	n/a																					-						Reduced diversion to PSPS through May (5MGD on Weekdays, none on weekends). Scheduled shut down of PSPS in August; no flow diversion to Pontiac WWTP (CRWRRF). Will significantly impact storage capabilities on the Oakland Arm CS gates. Shutdowns being considered during weekends.

Table updated on 6/1/2021. Estimates to be updated as necessary.

Y = Required to store

N = Required to not store

H = Helpful to extend work times. If available when not required for concurrent work.

\* Flow control from 8/20 through 6/21 will be required for sewer cleaning. Flow control requirements are TBD based on contractor means & methods, not reflected in "Control Devices Required to Store Flo -= Irrelevant

\* Flow control from 7/21 through 12/21 is shown for sewer lining. Flow control CS requirements are defined in the "Control Devices Required to Store Flow" section.

PSPS and ELPS operations can significantly impact storage times upstream of CS-6, 7 & 8 and subsequently downstream control structures. Coordination & alerting for ELPS, PSPS, WRC Meters 1222/1223 & 1000 re

Flow Control Required
Flow Control May Be Required

**Summary of OMID Flow Control Requirements for Ongoing and Future Projects** 

#### Oakland-Macomb Interceptor Drain Drainage District

Regular Meeting – Wednesday June 16, 2021

### Agenda Item No. 12

Financial Reports – General Financial Report and Status of State Revolving Fund Financing and Other Financing YTD Trial Balance

Fund: 84915 Oakland Macomb InterceptorSeg4 As of Fiscal Period: Month 8, 2021

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Scope: 84915 Oakland Macomb InterceptorSeg4

	ACCOUNT	Oakland Macomb InterceptorSeg4 10000001913	OMI NESPS GATEHOUSE SEG4 100000002232	NESPS Odor Corrosion Stdy Seg4 100000002708	YTD Balance
100100	Cash - Operating	60,132.58	(14,623.49)	78.97	45,588.06
101900	Fund Cash Transaction	(43,538.82)	14,623.49	28,915.33	0.00
104100	Accrued Interest on Investment	42,315.82	0.00	0.00	42,315.82
	Revenues	145,873.00	4,642.37	(152,197.28)	(1,681.91)
697551	Issuance of Bonds	163,087.00	5,131.05	(168,218.05)	(0.00)
	Expenditures	43,820.85	18,679.25	162,514.14	225,014.24
	Special Items- Uses	0.00	0.00	0.00	0.00
382100	FB Committed for Capital Proj	(411,690.43)	(28,452.67)	128,906.89	(311,236.21)
		0.00	(0.00)	0.00	0.00

SRF (SAW Loan) final draw request received January 2017.

Cash as of 05/31/2021	\$ 45,588.06
Invoices/Reimbursements for Seg 4 on Current Agenda impacting Cash Balance	0.00
Invoices/Reimbursements for NESPS Gatehouse on Current Agenda impacting Cash Balance	0.00
Invoices/Reimbursements for NESPS NIEA-East Arm on Current Agenda impacting Cash Balance	(4,196.80)
Invoices/Reimbursements for NESPS Odor Corrosion Study on Current Agenda impacting Cash Balance	(7,686.11)
Total Net Cash Balance	\$ 33,705.15



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#### Water Resources Commissioner

#### PROJECT WORK IN PROGRESS

#### Oakland Macomb InterceptorSeg4 10000001913

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variand
M - Administration			
730926 - Indirect Costs	0.00	63,879.05	
730940 - Insurance	0.00	67,871.13	
731115 - Licenses and Permits	0.00	320,000.00	
731521 - Public Services	0.00	14,235.58	
732165 - Workshops and Meeting	0.00	29.66	
771638 - Drain Equip Labor	0.00	4,607.71	
771639 - Drain Equipment	0.00	269.47	
Administration TOTALS	0.00		
390,165.00	0.00	470,892.60	(\$80,727.60)
IG - Engineering			,
731346 - Personal Mileage	0.00	17,255.21	
731521 - Public Services	0.00	40,605.00	
771638 - Drain Equip Labor	7,324.96	788,478.57	
771639 - Drain Equipment	372.64	84,532.74	
Engineering TOTALS	312.04	04,002.74	
484,153.00	7,697.60	930,871.52	(\$446,718.52)
	1,001.00	000,011.02	(\$ 1.0,1.0.02)
IGCON - Engineering Consultant			
730639 - Engineering Services-Other	0.00	3,594,242.60	
731073 - Legal Services	0.00	108.00	
Engineering Consultant TOTALS		0 == 1 === ==	(00.40 + 22 - 22)
3,275,248.00	0.00	3,594,350.60	(\$319,102.60)
AC - Facility Acquisition			
731472 - Project Construction and Impr	0.00	14,058,313.68	
731521 - Public Services	0.00	6,798.84	
750294 - Material and Supplies	0.00	228.00	
Facility Acquisition TOTALS			
15,225,614.00	0.00	14,065,340.52	\$1,160,273.48
			. , ,
S - Inspection	0.55	470.00	
730373 - Contracted Services	0.00	473.03	
731521 - Public Services	0.00	16,935.91	
Inspection TOTALS	0.00	47 400 04	(¢0.04)
17,408.00	0.00	17,408.94	(\$0.94)
EGAL - Legal and Financial			
730639 - Engineering Services-Other	0.00	8,398.96	
730940 - Insurance	0.00	54,526.58	
731073 - Legal Services	0.00	124,753.11	
793938 - Discount on Bonds	0.00	6,964.10	
Legal and Financial TOTALS			
191,321.00	0.00	194,642.75	(\$3,321.75)
NW - Pight of Way			
<b>DW - Right of Way</b> 731563 - Recording Fees	0.00	50.67	
Right of Way TOTALS	0.00	30.07	
0.00	0.00	50.67	(\$50.67)
0.00	0.00	30.07	(ψου.στ)



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#### Water Resources Commissioner

# PROJECT WORK IN PROGRESS Oakland Macomb InterceptorSeg4 100000001913

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance						
Project 100000001913 - Oakland Macomb InterceptorSeg4 Total Project Expenses									
Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance						
\$19,583,909.00	\$7,697.60	\$19,273,557.60	\$310,351.40						
Total Project Revenue	Total Project Revenue								
Account	Month-to-Date Revenue	Life-to-Date Revenue							
605572-Special Assessments	(\$20,680.94)	\$8,338,175.44							
615572-State Capital Grants	\$0.00	\$1,105,350.77							
655077-Accrued Interest Adjustments	(\$100.40)	\$42,315.82							
655385-Income from Investments	\$151.03	\$651,072.50							
697551-Issuance of Bonds	(\$22,857.88)	\$705,552.65							
697753-State Revolving Fund Loans	\$0.00	\$8,490,000.00							
TOTAL REVENUE	(\$43,488.19)	\$19,332,467.18							
REVENUE OVER/(UNDER) EXPEN	SES	\$58,909.58							



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#### Water Resources Commissioner

# PROJECT WORK IN PROGRESS OMI NESPS GATEHOUSE SEG4 100000002232

	Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
		•		
ADM -	Administration			
	730926 - Indirect Costs	0.00	1.217.23	
	771638 - Drain Equip Labor	0.00	53.43	
	Administration TOTALS			
	9,472.00	0.00	1,270.66	\$8,201.34
CONT	- Contingency			
	Contingency TOTALS			
	93,209.00	0.00	0.00	\$93,209.00
ENIC	·			
ING -	Engineering 771638 - Drain Equip Labor	0.00	13,790.23	
	771639 - Drain Equipment	0.00	598.96	
	Engineering TOTALS	0.00	390.90	
	59,699.00	0.00	14,389.19	\$45,309.81
	•		,	<b>+</b> 10,000101
ENGC	ON - Engineering Consultant 730639 - Engineering Services-Other	44.000.40	4 005 500 00	
	Engineering Consultant TOTALS	14,623.49	1,265,508.23	
	496,981.00	14,623.49	1,265,508.23	(\$768,527.23)
	·	14,023.49	1,205,508.25	(\$700,527.23)
FAC -	Facility Acquisition			
	731472 - Project Construction and Impr	0.00	3,456,264.64	
	Facility Acquisition TOTALS			<b>.</b>
	3,748,637.00	0.00	3,456,264.64	\$292,372.36
NS - II	nspection			
	771638 - Drain Equip Labor	0.00	1,277.93	
	771639 - Drain Equipment	0.00	59.93	
	Inspection TOTALS			
	5,000.00	0.00	1,337.86	\$3,662.14
FGAI	Legal and Financial			
	731073 - Legal Services	0.00	1,456.00	
	Legal and Financial TOTALS	0.00	.,	
	6,000.00	0.00	1,456.00	\$4,544.00
	2,230.00	0.00	.,	7 .,

Project 100000002232 - OMI NESPS GATEHOUSE SEG4 Total Project Expenses  Budget Amount   Month-to-Date Expenses   Life-to-Date Expenses   LTD Variance								
Budget Amount	Budget Amount Month-to-Date Expenses Life-to-Date							
\$4,418,998.00	\$14,623.49	\$4,740,226.58	(\$321,228.58)					
Total Project Revenue								
Account	Month-to-Date Revenue	Life-to-Date Revenue						
605572-Special Assessments	\$6,946.16	\$2,430,345.91						
697551-Issuance of Bonds	\$7,677.33	\$2,309,880.67						
TOTAL REVENUE	\$14,623.49	\$4,740,226.58						
REVENUE OVER/(UNDER) EXPEN	SES	(\$0.00)						



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#### Water Resources Commissioner

# PROJECT WORK IN PROGRESS NESPS Odor Corrosion Stdy Seg4 100000002708

	Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
	Duagotyimount	monair to Dato Expenses	Zilo to Zato Zapolicoo	212 (4.14.100
ADM -	Administration			
	730926 - Indirect Costs	0.00	25,041.48	
	730940 - Insurance	0.00	88,400.00	
	Administration TOTALS 188,148.00	0.00	113,441.48	\$74,706.52
TIAO	- Contingency			
JON	Contingency TOTALS			
	637,000.00	0.00	0.00	\$637,000.00
		0.00	0.00	φοσι,σοσ.σσ
:NG -	Engineering	4.007.44	400 470 00	
	771638 - Drain Equip Labor	1,367.41	122,172.89	
	771639 - Drain Equipment Engineering TOTALS	35.89	4,574.24	
	206,253.00	1,403.30	126,747.13	\$79,505.87
		1,403.30	120,141.13	ψ1 9,303.01
ENGC	ON - Engineering Consultant			
	730373 - Contracted Services	0.00	1,287,992.83	
	730639 - Engineering Services-Other	0.00	59,195.44	
	Engineering Consultant TOTALS	0.00	4 0 47 400 07	(4074 400 07)
	1,073,000.00	0.00	1,347,188.27	(\$274,188.27)
AC -	Facility Acquisition			
	730352 - Construction	0.00	662,863.90	
	731472 - Project Construction and Impr	0.00	4,179,747.26	
	Facility Acquisition TOTALS			
	4,600,000.00	0.00	4,842,611.16	(\$242,611.16)
NG - I	nspection			
110 - 11	771638 - Drain Equip Labor	0.00	212,352.47	
	771639 - Drain Equipment	0.00	32,443.08	
	Inspection TOTALS	0.00	02,110.00	
	190,343.00	0.00	244,795.55	(\$54,452.55)
F0.4			,	(. , ,
.⊑GAI	L - Legal and Financial 731073 - Legal Services	0.00	4 744 00	
	Legal and Financial TOTALS	0.00	1,744.00	
	15,000.00	0.00	1,744.00	\$13,256.00
	· ·	0.00	1,744.00	\$13,230.00
ROW -	Right of Way			
	Right of Way TOTALS			
	46,000.00	0.00	0.00	\$46,000.00
TD -	Standard Operation			
	730352 - Construction	0.00	116,361.10	
	730926 - Indirect Costs	0.00	3,729.80	
	730940 - Insurance	0.00	139,930.93	
	731906 - Testing Services	0.00	31,382.05	
	771638 - Drain Equip Labor	0.00	4,613.57	
	771639 - Drain Equipment	0.00	2,460.66	
	Standard Operation TOTALS			
	38,010.00	0.00	298,478.11	(\$260,468.11)
eun	0			



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#### Water Resources Commissioner

# PROJECT WORK IN PROGRESS NESPS Odor Corrosion Stdy Seg4 100000002708

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
Survey Crew TOTALS			
10,246.00	0.00	0.00	\$10,246.00

Project 100000002708 - NESPS Odor Corrosion Stdy Seg4 Total Project Expenses								
Budget Amount	Budget Amount   Month-to-Date Expenses   Life-to-Date Expense							
\$7,004,000.00	\$1,403.30	\$6,975,005.70	\$28,994.30					
Total Project Revenue								
Account	Month-to-Date Revenue	Life-to-Date Revenue						
605572-Special Assessments	\$13,734.78	\$3,279,433.32						
697551-Issuance of Bonds	\$15,180.55	\$3,724,566.68						
TOTAL REVENUE	\$28,915.33	\$7,004,000.00						
REVENUE OVER/(UNDER) EXPEN	ISES	\$28,994.30						

#### YTD Trial Balance Fund: 84917 Oakland Macomb InterceptorSeg5 As of Fiscal Period: Month 8, 2021

Run: 06/04/2021 at 10:13 PM Scope: 84917 Oakland Macomb InterceptorSeg5

Run By: WRC\_REPORTING

	ACCOUNT	YTD Balance No Project	OMID Segment 5 100000003252	OMID NI-EA CONSTRUCTION 100000003308	NESPS MECH-ELEC CONSTRUCTION 100000003309	YTD Balance
100100	Cash - Operating	0.00	73,540,584.28	207,094.93	1.362.070.76	75,109,749.97
101900	Fund Cash Transaction	0.00	(72,311,600.00)		45,536,000.00	0.00
104100	Accrued Interest on Investment	0.00	(86,004.15)		0.00	(86,004.15)
	Revenues	402,211.79	18,181,672.31	(6,430,500.35)	(12,248,377.99)	(94,994.24)
697551	Issuance of Bonds	0.00	63,802,721.66	(21,965,099.65)	(41,837,622.01)	0.00
	Expenditures	0.00	0.00	1,412,905.07	7,187,929.24	8,600,834.31
	Special Items- Uses	0.00	0.00	0.00	0.00	0.00
382100	FB Committed for Capital Proj	(402,211.79)	(83,127,374.10)	0.00	0.00	(83,529,585.89)
		0.00	0.00	(0.00)	(0.00)	0.00

Cash as of 05/31/2021 \$ 75,109,749.97

Invoices/Reimbursements for NIEA Construction on Current Agenda impacting Cash Balance (121,240.47)

Invoices/Reimbursements for NESPS Mech / Electrical Construction on Current Agenda impacting Cash Balance (63,050.79)

Total Net Cash Balance \$ 74,925,458.71



**Budget Amount** 

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Life-to-Date Expenses

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LTD Variance

#### Water Resources Commissioner

## PROJECT WORK IN PROGRESS OMID NI-EA CONSTRUCTION 10000003308

(as of May 31, 2021)

Month-to-Date Expenses

ADM - Administration			
Administration TOTALS	0.00	0.00	<b>#</b> 50.4.000.00
584,000.00	0.00	0.00	\$584,000.00
CONT - Contingency			
Contingency TOTALS	0.00	2.22	<b>#0 =04 000 00</b>
2,581,000.00	0.00	0.00	\$2,581,000.00
ENG - Engineering			
771638 - Drain Equip Labor	5,104.80	34,716.15	
771639 - Drain Equipment	189.68	1,591.35	
Engineering TOTALS	5 204 40	20 207 50	£444.000.50
478,000.00	5,294.48	36,307.50	\$441,692.50
ENGCON - Engineering Consultant			
730639 - Engineering Services-Other	53,564.44	281,027.46	
731444 - Prof Svc-Consultant	89,745.72	251,312.21	
Engineering Consultant TOTALS	142 240 46	E22 220 67	<b>\$4.200.660.22</b>
4,913,000.00	143,310.16	532,339.67	\$4,380,660.33
FAC - Facility Acquisition			
730352 - Construction	0.00	512,745.31	
731472 - Project Construction and Impr	0.00	311,858.70	
Facility Acquisition TOTALS	0.00	924 604 04	¢47.450.005.00
17,983,600.00	0.00	824,604.01	\$17,158,995.99
INS - Inspection			
Inspection TOTALS			
260,000.00	0.00	0.00	\$260,000.00
LEGAL - Legal and Financial			
731073 - Legal Services	648.00	4,968.00	
Legal and Financial TOTALS			
1,259,000.00	648.00	4,968.00	\$1,254,032.00
ROW - Right of Way			
771638 - Drain Equip Labor	1,177.30	14,144.21	
771639 - Drain Equipment	39.46	541.68	
Right of Way TOTALS			
265,000.00	1,216.76	14,685.89	\$250,314.11
STD - Standard Operation			
Standard Operation TOTALS			
40,000.00	0.00	0.00	\$40,000.00
SUR - Survey Crew			
Survey Crew TOTALS			
32,000.00	0.00	0.00	\$32,000.00
32,000.00	0.00	0.00	ţ3 <b>=</b> ,000.00

Project 10000003308 - OMID NI-EA CONSTRUCTION							
Total Project Expenses							
Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance				



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#### Water Resources Commissioner

# PROJECT WORK IN PROGRESS OMID NI-EA CONSTRUCTION 10000003308

Budget Amount	Budget Amount Month-to-Date Expenses		LTD Variance		
\$28,395,600.00	\$150,469.40	\$1,412,905.07	\$26,982,694.93		
Total Project Revenue	·				
Account	Month-to-Date Revenue	Life-to-Date Revenue			
605572-Special Assessments	\$6,063,633.28	\$6,430,500.35			
697551-Issuance of Bonds	\$20,711,966.72	\$21,965,099.65			
TOTAL REVENUE	\$26,775,600.00	\$28,395,600.00			
REVENUE OVER/(UNDER) EXPENS	SES	\$26,982,694.93			



**Budget Amount** 

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Life-to-Date Expenses

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LTD Variance

#### Water Resources Commissioner

#### PROJECT WORK IN PROGRESS **NESPS MECH-ELEC CONSTRUCTION** 10000003309

(as of May 31, 2021)

Month-to-Date Expenses

3	•		
IDM A Later of the			
ADM - Administration			
Administration TOTALS	0.00	0.00	<b>#</b> 000 000 00
620,000.00	0.00	0.00	\$620,000.00
ONT - Contingency			
Contingency TOTALS			
4,917,000.00	0.00	0.00	\$4,917,000.00
			. , ,
NG - Engineering	7.005.05	50.005.40	
771638 - Drain Equip Labor	7,235.85	56,395.12	
771639 - Drain Equipment	189.89	2,187.04	
Engineering TOTALS	7 405 74	50 500 40	0007 447 04
446,000.00	7,425.74	58,582.16	\$387,417.84
NGCON - Engineering Consultant			
730639 - Engineering Services-Other	80,931.62	633,929.68	
731444 - Prof Svc-Consultant	0.00	37,862.70	
731458 - Professional Services	13,399.01	47,414.04	
Engineering Consultant TOTALS	,	•	
3,987,000.00	94,330.63	719,206.42	\$3,267,793.58
A.O. T. 1814	·	·	. , ,
AC - Facility Acquisition	0.00	0.000.544.40	
731472 - Project Construction and Impr	0.00	6,209,511.16	
Facility Acquisition TOTALS	0.00	0.000.544.40	00404740004
40,857,000.00	0.00	6,209,511.16	\$34,647,488.84
NS - Inspection			
771638 - Drain Equip Labor	15,269.07	92,808.86	
771639 - Drain Equipment	1,847.37	11,770.64	
Inspection TOTALS		·	
285,000.00	17,116.44	104,579.50	\$180,420.50
50AL   L LE'	,	•	,
EGAL - Legal and Financial 730940 - Insurance	44.000.00	00.050.00	
	44,200.00	96,050.00	
Legal and Financial TOTALS	44.000.00		40.000.000.00
2,417,000.00	44,200.00	96,050.00	\$2,320,950.00
OW - Right of Way			
Right of Way TOTALS			
393,000.00	0.00	0.00	\$393,000.00
			,
TD - Standard Operation			
Standard Operation TOTALS	2.22	2.22	<b>M</b> 400 000 00
130,000.00	0.00	0.00	\$130,000.00
SUR - Survey Crew			
Survey Crew TOTALS			
34,000.00	0.00	0.00	\$34,000.00
0 1,000.00	0.00	0.00	φο 1,000.00

Project 10000003309 - NESPS MECH-ELEC CONSTRUCTION							
Total Project Expenses							
Budget Amount   Month-to-Date Expenses   Life-to-Date Expenses   LTD Variance							



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#### Water Resources Commissioner

# PROJECT WORK IN PROGRESS NESPS MECH-ELEC CONSTRUCTION 10000003309

Budget Amount	Budget Amount Month-to-Date Expenses		LTD Variance		
\$54,086,000.00	\$163,072.81	\$7,187,929.24	\$46,898,070.76		
Total Project Revenue					
Account	Month-to-Date Revenue	Life-to-Date Revenue			
605572-Special Assessments	\$10,312,135.12	\$12,248,377.99			
697551-Issuance of Bonds	\$35,223,864.88	\$41,837,622.01			
TOTAL REVENUE	\$45,536,000.00	\$54,086,000.00			
REVENUE OVER/(UNDER) EXPENS	SES	\$46,898,070.76			



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#### Water Resources Commissioner

#### PROJECT WORK IN PROGRESS **OMID Segment 5** 10000003252

	Budget Amount	Budget Amount Month-to-Date Expenses I		LTD Variance
ADM -	Administration			
	730177 - Bond Issuing Cost	0.00	242,201.57	
	Administration TOTALS			
	0.00	0.00	242,201.57	(\$242,201.57)
LEGAL	Legal and Financial			
	730177 - Bond Issuing Cost	0.00	514,935.00	
	Legal and Financial TOTALS			
	0.00	0.00	514,935.00	(\$514,935.00)

Pro	Project 100000003252 - OMID Segment 5							
Total Project Expenses								
Budget Amount   Month-to-Date Expenses   Life-to-Date Expenses   LTD Va								
\$0.00	\$0.00	\$757,136.57	(\$757,136.57)					
Total Project Revenue	_							
Account	Month-to-Date Revenue	Life-to-Date Revenue						
605572-Special Assessments	(\$16,375,768.40)	\$333,023.00						
655077-Accrued Interest Adjustments	(\$66,635.05)	(\$86,004.15)						
655385-Income from Investments	\$90,195.61	\$567,552.64						
655462-Increase Market Value Invest	\$0.00	(\$401,669.67)						
697219-Premiums on Bonds Sold	\$0.00	\$7,672,724.75						
697551-Issuance of Bonds	(\$55,935,831.60)	(\$6,587,721.66)						
TOTAL REVENUE	(\$72,288,039.44)	\$1,497,904.91						
REVENUE OVER/(UNDER) EXPEN	SES	\$740.768.34	_					

#### Oakland County - Water Resources Commissioner's Office Fund Equity: Schedule of Reserves and Dedicated Funds As of Date: May 31, 2021

			Emergency				
		Major	Maintenance	Capital		Committed for	
Fund	Description	Maintenance	Reserve	Improvement	Undesignated	Capital Projects	 Total Equity
82912	OMIDD Maintenance Fund	2,008,884.30	333,333.36	3,112,065.74	16,633,668.34		\$ 22,087,951.74
84915	OMIDD Seg 4						
	- Project 1-1913 Interceptor Seg 4					58,909.58	
	- Project 1-2708 NESPS Odor Corrosion Study					28,994.30	
	Total Segment 4						87,903.88
84917	OMIDD Seg 5						
	- No Project					402,211.79	
	- Project 1-3252 Interceptor Seg 5					740,768.34	
	- Project 1-3308 NIEA Mech. / Elect. Const.					26,982,694.93	
	- Project 1-3309 NESPS Construction					46,898,070.76	
	Total Segment 5						 75,023,745.82
Total Eq	uity in Maintenance and Construction Funds						\$ 97,199,601.44

NOTE: This report presents pre-closing figures and as such are subject to change

### OAKLAND MACOMB INTERCEPTOR DRAINAGE BOARD - APPROVAL OF INVOICES/REIMBURSEMENTS

OMI DD Meeting Date 06/16/2021

		84915	84915	84915	84917	84917	82912	
		1-1913	1-2232	1-2708	1-3308	1-3309		
Payable To	Invoice #	Segment 4	Segment 4 - NIEA East Arm	Segment 4 - NESPS Odor Corrosion Study	Segment 5 NIEA Construction	Segment 5 NESPS Mech / Electric Construction	Opperations & Maintanence	<u>Total</u>
Oakland County *	WRC Labor/Fringes/Non-direct Labor	7,324.96		1,367.41	6,282.10	22,504.92		\$37,479.39
Oakland County *	WRC Equipment	372.64		35.89	229.14	2,037.26		\$2,674.93
Oakland County *	WRC Mileage	896.00						\$896.00
CH2M - Jacobs	Invoice # 697317CH31 Services Through 05/28/2021						35,354.19	\$35,354.19
CH2M - LG Design	Invoice # 705773CH028 Services Through 05/28/2021			7,686.11				\$7,686.11
Clark Hill PLC	Invoice # 1092340 Matter 316432 Services Through 04/30/2021				216.00			\$216.00
Dickinson Wright PLLC	Invoice # 1571540 Matter 012840-00436 Service through 03/31/21						7,680.20	\$7,680.20
Dickinson Wright PLLC	Invoice # 1580707 Matter 012840-00436 Service through 04/30/21						187.50	\$187.50
GLWA	OMIDD Drone Use Service Date 05/07/2021					133.00		\$133.00
HESCO	Invoice # 202112871 Preventative Maintenance and Repairs 03/13/2021						3,755.00	\$3,755.00
HESCO	Invoice # 202112905 Preventative Maintenance and Repairs 04/10/2021						2,978.75	\$2,978.75
HESCO	Invoice # 202112933 Preventative Maintenance and Repairs 04/24/2021						2,600.00	\$2,600.00
HESCO	Invoice # 202112934 Preventative Maintenance and Repairs 04/15/2021						2,812.50	\$2,812.50
Kotz Sangster Wysocki P.C.	Invoice # 490395 Matter # OSOS037WB Through 11/30/20						2,068.00	\$2,068.00
Meadowbrook	Invoice # 4900 Annual Admin Fee 7/01/21 Through 07/01/22						125,000.00	\$125,000.00
Meadowbrook	Invoice # 5516 NESPS Q4 of 4 Installments + Overtime Through 9/20/21					56,865.00		\$56,865.00
METCO	Invoice # 1811-29 Through 5/30/21						96,560.46	\$96,560.46
Motor City Electric Technologies	Invoice # 93682 NESP SCADA Cut Over Service Date 04/23/21						773.93	\$773.93
Motor City Electric Technologies	Invoice # 93683 NESP SCADA Cut Over Service Date 05/05/21						154.00	\$154.00
Motor City Electric Technologies	Invoice # 93684 NESP SCADA Cut Over Service Date 05/14/21						192.50	\$192.50
Motor City Electric Technologies	Invoice # 93685 NESP SCADA Cut Over Service Date 05/19/21						508.28	\$508.28
NTH Consultants	Inv # 06 NI-EA Construction Engineering Service Through 5/21/21				91,604.66			\$91,604.66
NTH Consultants	Inv # 08 NESPS Pumping and Electrical Upgrades Service Through 5/21/21					6,052.79		\$6,052.79
NTH Consultants	Inv # 24 - OMIDD NI-EA Rehab Services Through 5/21/21				29,419.81			\$29,419.81
NTH Consultants	Inv # 28 - OMIDD System Immediate Repair Service Through 5/21/21						9,635.74	\$9,635.74
NTH Consultants	Inv # 56 - OMIDD NESPS Discharge Chamber Service Through 5/28/21		4,196.80					\$4,196.80
PM Technologies	Invoice # 0000144058 Syncronizer Upgrade Invoice Date 03/26/2021						26,605.80	\$26,605.80
PM Technologies	Invoice # 0000151902 Fuel Remote Box Controller Invoice Date 05/14/2021						300.00	\$300.00
PMA Consultants	Invoice # 03559.01 - 11 Professional Services Through 04/30/20						7,727.08	\$7,727.08
Rotor Electric Company	Invoice # 12427 NESPS Temporary Generator 04/26/20						75,709.31	\$75,709.31
Rotor Electric Company	Invoice # 12428 Switchgear Maintanence and Testing 03/30/2021						18,272.59	\$18,272.59
	Total Invoices/Reimbursements for Approval	\$8,593.60	\$4,196.80	\$9,089.41	\$127,751.71	\$87,592.97	\$418,875.83	\$656,100.32
	* Less WRC Charges already paid from OMI Fund	(8,593.60)	0.00	(1,403.30)	(6,511.24)	(24,542.18)	0.00	(40,154.32)
Total Invoices/Reimbursement	ts that will impact Cash Balance listed on Current Trial Balance submitted to OMI Drain	\$0.00	\$4,196.80	\$7,686.11	\$121,240.47	\$63,050.79	\$418,875.83	\$615,050.00

### Oakland-Macomb Interceptor Drain Drainage District

Regular Meeting – Wednesday June 16, 2021

### Agenda Item No. 13

Invoices

OMI Seg	ment 4 Project	- WRC Equipr	ment Charges for Tran	s Dates -04/24/2	021 - 05/21/2	021			
WOID		Date Worked		Hours/Units	Cost	Assign Equipment	Cost Category	Project	Activity
834323	05/06/2021		POUSHO, ROBERT	8.00		ASSIGNED	Cell Phone	100000001913	
834323	05/06/2021		POUSHO, ROBERT	8.00		ASSIGNED	PC/Computer	100000001913	
834323	05/06/2021		POUSHO, ROBERT	8.00		ASSIGNED	Cell Phone	100000001913	
834323	05/06/2021		POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	05/06/2021	04/28/2021	POUSHO, ROBERT	8.00		ASSIGNED	Cell Phone	100000001913	
834323	05/06/2021		POUSHO, ROBERT	8.00		ASSIGNED	PC/Computer	100000001913	ENG
834323	05/06/2021		POUSHO, ROBERT	8.00		ASSIGNED	PC/Computer	100000001913	
834323	05/06/2021	04/29/2021	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	05/06/2021	05/03/2021	POUSHO, ROBERT	8.00		ASSIGNED	Cell Phone	100000001913	ENG
834323	05/06/2021	05/03/2021	POUSHO, ROBERT	8.00		ASSIGNED	PC/Computer	100000001913	ENG
834323	05/06/2021	05/04/2021	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	05/06/2021	05/04/2021	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	05/06/2021	05/05/2021	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	05/06/2021	05/05/2021	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	05/06/2021	05/06/2021	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	05/06/2021	05/06/2021	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	05/06/2021	05/07/2021	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	05/06/2021	05/07/2021	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	05/20/2021	05/10/2021	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	05/20/2021	05/10/2021	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	05/20/2021	05/11/2021	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	05/20/2021	05/11/2021	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	05/20/2021	05/13/2021	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	05/20/2021		POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	05/20/2021	05/14/2021	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	05/20/2021	05/14/2021	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	05/20/2021	05/17/2021	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	05/20/2021	05/17/2021	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	05/20/2021		POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	05/20/2021	05/18/2021	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	05/20/2021	05/20/2021	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	05/20/2021		POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	05/20/2021		POUSHO, ROBERT	8.00		ASSIGNED	Cell Phone	100000001913	
834323	05/20/2021		POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
-			-,		\$372.64	-	- 1		

OMI Seg	ment 4 Project	- WRC Labor/	Fringes/Non-Direct La	bor Factor for T	rans Dates -	04/24/2021 - 05/21/2	021		
	_								
WOID	<b>Date Entered</b>	<b>Date Worked</b>	Name/Description	Hours/Units	Cost	<b>Assign Equipment</b>	<b>Cost Category</b>	Project	Activity
834323	05/06/2021	04/26/2021	POUSHO, ROBERT	8.00	\$430.88	REGULAR	WRCCON	100000001913	ENG
834323	05/06/2021	04/27/2021	POUSHO, ROBERT	8.00	\$430.88	REGULAR	WRCCON	10000001913	ENG
834323	05/06/2021	04/28/2021	POUSHO, ROBERT	8.00	\$430.88	REGULAR	WRCCON	10000001913	ENG
834323	05/06/2021	04/29/2021	POUSHO, ROBERT	8.00	\$430.88	REGULAR	WRCCON	100000001913	ENG
834323	05/06/2021	05/03/2021	POUSHO, ROBERT	8.00	\$430.88	REGULAR	WRCCON	10000001913	ENG
834323	05/06/2021	05/04/2021	POUSHO, ROBERT	8.00	\$430.88	REGULAR	WRCCON	100000001913	ENG
834323	05/06/2021	05/05/2021	POUSHO, ROBERT	8.00	\$430.88	REGULAR	WRCCON	10000001913	ENG
834323	05/06/2021	05/06/2021	POUSHO, ROBERT	8.00	\$430.88	REGULAR	WRCCON	10000001913	ENG
834323	05/06/2021	05/07/2021	POUSHO, ROBERT	8.00	\$430.88	REGULAR	WRCCON	100000001913	ENG
834323	05/20/2021	05/10/2021	POUSHO, ROBERT	8.00	\$430.88	REGULAR	WRCCON	10000001913	ENG
834323	05/20/2021	05/11/2021	POUSHO, ROBERT	8.00	\$430.88	REGULAR	WRCCON	100000001913	ENG
834323	05/20/2021	05/13/2021	POUSHO, ROBERT	8.00	\$430.88	REGULAR	WRCCON	10000001913	ENG
834323	05/20/2021	05/14/2021	POUSHO, ROBERT	8.00	\$430.88	REGULAR	WRCCON	10000001913	ENG
834323	05/20/2021	05/17/2021	POUSHO, ROBERT	8.00	\$430.88	REGULAR	WRCCON	10000001913	ENG
834323	05/20/2021	05/18/2021	POUSHO, ROBERT	8.00	\$430.88	REGULAR	WRCCON	100000001913	ENG
834323	05/20/2021	05/20/2021	POUSHO, ROBERT	8.00	\$430.88	REGULAR	WRCCON	10000001913	ENG
834323	05/20/2021	05/21/2021	POUSHO, ROBERT	8.00	\$430.88	REGULAR	WRCCON	10000001913	ENG
					\$7,324.96				

#### OMI Segment 4 Project - WRC Personal Mileage and Parking - Accounting Date Range 05/01/2021 - 05/31/2021

Acctg Date	Fund	Fund Description	Project	Project Description	Activity	Descr	Sum BU A	mount
5/7/2021	84915	OMIDD Segment 4	100000001913	OMIDD Segment 4	ENG	Pousho 840 Miles 5-14-21	\$	464.80
5/21/2021	84915	OMIDD Segment 4	10000001913	OMIDD Segment 4	ENG	Pousho 770 Miles 5-28-21	\$	431.20
							\$	896.00

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WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
864521	05/07/2021	04/13/2021	BROWN, JOEL	3.00	\$341.85	REGULAR	WRCCON	100000002708	ENG
864521	05/07/2021	04/14/2021	BROWN, JOEL	1.50	\$170.93	REGULAR	WRCCON	100000002708	ENG
864521	05/07/2021	04/16/2021	BROWN, JOEL	2.00	\$227.90	REGULAR	WRCCON	100000002708	ENG
864521	05/07/2021	04/26/2021	BROWN, JOEL	1.50	\$170.93	REGULAR	WRCCON	100000002708	ENG
864521	05/07/2021	04/28/2021	BROWN, JOEL	1.00	\$113.95	REGULAR	WRCCON	100000002708	ENG
864521	05/07/2021	04/29/2021	BROWN, JOEL	1.00	\$113.95	REGULAR	WRCCON	100000002708	ENG
864521	05/07/2021	04/30/2021	BROWN, JOEL	2.00	\$227.90	REGULAR	WRCCON	100000002708	ENG
					1,367.41				

OMI Seg	ment 4 NESPS	Odor Corrosio	n Study Project - WRC E	quipment Char	ges for Tra	ns Dates - 04/24	2021 - 05/21/2021		
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
864521	05/07/2021	04/13/2021	BROWN, JOEL	3.00	\$1.20	ASSIGNED	Cell Phone	10000002708	ENG
864521	05/07/2021	04/13/2021	BROWN, JOEL	3.00	\$0.75	ASSIGNED	Tablet/iPad	100000002708	ENG
864521	05/07/2021	04/13/2021	BROWN, JOEL	3.00	\$7.02	ASSIGNED	PC/Computer	100000002708	ENG
864521	05/07/2021	04/14/2021	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	100000002708	ENG
864521	05/07/2021	04/14/2021	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	100000002708	ENG
864521	05/07/2021	04/14/2021	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	100000002708	ENG
864521	05/07/2021	04/16/2021	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000002708	ENG
864521	05/07/2021	04/16/2021	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	100000002708	ENG
864521	05/07/2021	04/16/2021	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	10000002708	ENG
864521	05/07/2021	04/26/2021	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	100000002708	ENG
864521	05/07/2021	04/26/2021	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	100000002708	ENG
864521	05/07/2021	04/26/2021	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	100000002708	ENG
864521	05/07/2021	04/28/2021	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	ENG
864521	05/07/2021	04/28/2021	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	100000002708	ENG
864521	05/07/2021	04/28/2021	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	ENG
864521	05/07/2021	04/29/2021	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	100000002708	ENG
864521	05/07/2021	04/29/2021	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	100000002708	ENG
864521	05/07/2021	04/29/2021	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	100000002708	ENG
864521	05/07/2021	04/30/2021	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	100000002708	ENG
864521	05/07/2021	04/30/2021	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000002708	ENG
864521	05/07/2021	04/30/2021	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	100000002708	ENG
					35.89				

Acctg Date | Fund | Fund Description | Project | Project Description | Activity | Oper Unit | OU Descr | Descr | Sum BU Amount |

OMI Seg	ment 5 NI-EA C	onstruction Pr	oject - WRC Labor/Fringes/No	n-Direct Labor Fac	tor for Trans D	ates - 04/24/202	1 - 05/21/2021		
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Coat Catagoni	Assign Equipment	Project	Activit
84657	05/07/2021		BROWN, JOEL	1.00		REGULAR	WRCCON	100000003308	
84657	05/07/2021		BROWN, JOEL	1.50		REGULAR	WRCCON	100000003308	
84657	05/07/2021		BROWN, JOEL	1.00		REGULAR	WRCCON	100000003308	
984657	05/07/2021		BROWN, JOEL	3.50		REGULAR	WRCCON	100000003308	
84657	05/07/2021		BROWN, JOEL	2.00		REGULAR	WRCCON	100000003308	
84657	05/07/2021		BROWN, JOEL	2.50		REGULAR	WRCCON	100000003308	
	05/07/2021		BROWN, JOEL	2.00		REGULAR	WRCCON		
84657 84657	05/07/2021			1.00		REGULAR	WRCCON	100000003308	
			BROWN, JOEL						
84657	05/07/2021		BROWN, JOEL	3.00		REGULAR	WRCCON	100000003308	_
84657	05/07/2021		BROWN, JOEL	2.00		REGULAR	WRCCON	100000003308	
84657	05/07/2021		BROWN, JOEL	2.00		REGULAR	WRCCON	10000003308	
84657	05/07/2021		BROWN, JOEL	2.00		REGULAR	WRCCON	10000003308	_
84657	05/07/2021		BROWN, JOEL	3.00		REGULAR	WRCCON	100000003308	
84657	05/07/2021		BROWN, JOEL	1.00		REGULAR	WRCCON	100000003308	
84657	05/07/2021		BROWN, JOEL	1.00		REGULAR	WRCCON	100000003308	_
84657	05/07/2021	05/07/2021	BROWN, JOEL	3.00	\$341.85	REGULAR	WRCCON	100000003308	ENG
			BROWN, JOEL Total		\$3,589.44				
84662	05/05/2021	05/03/2021	LAWREY, DAVID	3.00	\$224.37	REGULAR	WRCROW	10000003308	ROW
84662	05/19/2021	05/19/2021	LAWREY, DAVID	3.00	\$224.37	REGULAR	WRCROW	10000003308	ROW
			LAWREY, DAVID Total		\$448.74				
84657	05/21/2021	05/10/2021	LOCKHART, SIDNEY	1.00	\$137.76	REGULAR	WRCADM	10000003308	ENG
84657	05/21/2021	05/11/2021	LOCKHART, SIDNEY	1.00	\$137.76	REGULAR	WRCADM	100000003308	ENG
84657	05/21/2021	05/12/2021	LOCKHART, SIDNEY	2.00	\$275.52	REGULAR	WRCADM	100000003308	ENG
84657	05/21/2021	05/13/2021	LOCKHART, SIDNEY	2.00	\$275.52	REGULAR	WRCADM	100000003308	ENG
84657	05/21/2021	05/14/2021	LOCKHART, SIDNEY	1.00	\$137.76	REGULAR	WRCADM	100000003308	ENG
84657	05/21/2021	05/17/2021	LOCKHART, SIDNEY	1.00	\$137.76	REGULAR	WRCADM	10000003308	ENG
84657	05/21/2021		LOCKHART, SIDNEY	1.00		REGULAR	WRCADM	10000003308	
84657	05/21/2021		LOCKHART, SIDNEY	1.00		REGULAR	WRCADM	100000003308	_
84657	05/21/2021		LOCKHART, SIDNEY	1.00		REGULAR	WRCADM	100000003308	
0.00.	00/2 :/202 :	00/21/2021	LOCKHART, SIDNEY Total		\$1,515.36				
84662	05/07/2021	04/30/2021	PARROTT, JEFFREY	3.00		REGULAR	WRCROW	10000003308	ROW
84662	05/07/2021		PARROTT, JEFFREY	3.00		REGULAR	WRCROW	100000003308	
84662	05/07/2021		PARROTT, JEFFREY	1.50		OVERTIME	WRCROW	100000003308	
84662	05/07/2021		PARROTT, JEFFREY	1.00		OVERTIME	WRCROW	100000003308	_
04002	03/07/2021	03/03/2021	PARROTT, JEFFREY Total	1.00	\$728.56	OVERTIME	VVINOROVV	100000003306	TOVV
			,						
			Grand Total		\$6,282.10				

OMI Segi	ment 5 NI-EA C	onstruction Pr	oject - WRC Labor/Fringes	s/Non-Direct Lab	oor Factor for	Frans Dates - 0	4/24/2021 - 5/16/2021		
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
984657	05/07/2021		BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	100000003308	
984657	05/07/2021	04/12/2021	BROWN, JOEL	1.00		ASSIGNED	Cell Phone	100000003308	
984657	05/07/2021		BROWN, JOEL	1.00		ASSIGNED	Tablet/iPad	100000003308	
984657	05/07/2021		BROWN, JOEL	1.50		ASSIGNED	Tablet/iPad	100000003308	
984657	05/07/2021		BROWN, JOEL	1.50		ASSIGNED	Cell Phone	100000003308	
984657	05/07/2021		BROWN, JOEL	1.50		ASSIGNED	PC/Computer	100000003308	
984657 984657	05/07/2021 05/07/2021		BROWN, JOEL BROWN, JOEL	1.00		ASSIGNED ASSIGNED	Tablet/iPad Cell Phone	100000003308	
984657	05/07/2021		BROWN, JOEL	1.00		ASSIGNED	PC/Computer	100000003308	
984657	05/07/2021		BROWN, JOEL	3.50		ASSIGNED	Cell Phone	100000003308	
984657	05/07/2021		BROWN, JOEL	3.50		ASSIGNED	PC/Computer	100000003308	
984657	05/07/2021		BROWN, JOEL	3.50		ASSIGNED	Tablet/iPad	10000003308	
984657	05/07/2021		BROWN, JOEL	2.00		ASSIGNED	Tablet/iPad	10000003308	ENG
984657	05/07/2021		BROWN, JOEL	2.00		ASSIGNED	Cell Phone	100000003308	
984657	05/07/2021		BROWN, JOEL	2.00		ASSIGNED	PC/Computer	100000003308	
984657	05/07/2021		BROWN, JOEL	2.50		ASSIGNED	Tablet/iPad	100000003308	
984657	05/07/2021		BROWN, JOEL	2.50		ASSIGNED	Cell Phone	100000003308	
984657	05/07/2021		BROWN, JOEL	2.50		ASSIGNED	PC/Computer	100000003308	
984657	05/07/2021		BROWN, JOEL	2.00		ASSIGNED	Tablet/iPad	100000003308	
984657 984657	05/07/2021 05/07/2021		BROWN, JOEL BROWN, JOEL	2.00		ASSIGNED ASSIGNED	PC/Computer Cell Phone	100000003308	
984657	05/07/2021		BROWN, JOEL	1.00		ASSIGNED	Tablet/iPad	100000003308	
984657	05/07/2021		BROWN, JOEL	1.00		ASSIGNED	Cell Phone	100000003308	
984657	05/07/2021		BROWN, JOEL	1.00		ASSIGNED	PC/Computer	100000003308	
984657	05/07/2021		BROWN, JOEL	3.00		ASSIGNED	Cell Phone	100000003308	
984657	05/07/2021	04/23/2021	BROWN, JOEL	3.00		ASSIGNED	PC/Computer	10000003308	ENG
984657	05/07/2021	04/23/2021	BROWN, JOEL	3.00	\$0.75	ASSIGNED	Tablet/iPad	10000003308	ENG
984657	05/07/2021		BROWN, JOEL	2.00		ASSIGNED	Cell Phone	100000003308	
984657	05/07/2021		BROWN, JOEL	2.00		ASSIGNED	Tablet/iPad	100000003308	
984657	05/07/2021		BROWN, JOEL	2.00		ASSIGNED	PC/Computer	100000003308	
984657	05/07/2021		BROWN, JOEL	2.00		ASSIGNED	Tablet/iPad	100000003308	
984657	05/07/2021		BROWN, JOEL	2.00		ASSIGNED	Cell Phone	100000003308	
984657 984657	05/07/2021 05/07/2021		BROWN, JOEL BROWN, JOEL	2.00		ASSIGNED ASSIGNED	PC/Computer Tablet/iPad	100000003308	
984657	05/07/2021		BROWN, JOEL	2.00		ASSIGNED	Cell Phone	100000003308	
984657	05/07/2021		BROWN, JOEL	2.00		ASSIGNED	PC/Computer	100000003308	
984657	05/07/2021		BROWN, JOEL	3.00		ASSIGNED	PC/Computer	100000003308	
984657	05/07/2021		BROWN, JOEL	3.00		ASSIGNED	Cell Phone	100000003308	
984657	05/07/2021	05/03/2021	BROWN, JOEL	3.00	\$0.75	ASSIGNED	Tablet/iPad	10000003308	
984657	05/07/2021		BROWN, JOEL	1.00		ASSIGNED	PC/Computer	100000003308	
984657	05/07/2021		BROWN, JOEL	1.00		ASSIGNED	Cell Phone	100000003308	
984657	05/07/2021		BROWN, JOEL	1.00		ASSIGNED	Tablet/iPad		
984657	05/07/2021		BROWN, JOEL	1.00		ASSIGNED	PC/Computer	100000003308	
984657 984657	05/07/2021		BROWN, JOEL BROWN, JOEL	1.00 1.00		ASSIGNED	Cell Phone Tablet/iPad	100000003308	
984657	05/07/2021 05/07/2021		BROWN, JOEL	3.00		ASSIGNED ASSIGNED	PC/Computer	100000003308	
984657	05/07/2021		BROWN, JOEL	3.00		ASSIGNED	Tablet/iPad	100000003308	
984657	05/07/2021		BROWN, JOEL	3.00		ASSIGNED	Cell Phone	100000003308	
001007	00/01/2021	00/01/2021	BROWN, JOEL Total	0.00	\$94.20	7.00101122	CON 1 HOHO	100000000000000000000000000000000000000	LITO
984662	05/05/2021	05/03/2021	LAWREY, DAVID	3.00		ASSIGNED	PC/Computer	100000003308	ROW
984662	05/19/2021	05/19/2021	LAWREY, DAVID	3.00	\$7.02	ASSIGNED	PC/Computer	100000003308	
			LAWREY, DAVID Total		\$14.04				
984657	05/21/2021		LOCKHART, SIDNEY	1.00		ASSIGNED	Tablet/iPad	100000003308	
984657	05/21/2021		LOCKHART, SIDNEY	1.00		ASSIGNED	Cell Phone	100000003308	
984657	05/21/2021		LOCKHART, SIDNEY	1.00		ASSIGNED ASSIGNED	PC/Computer	100000003308	
984657 984657	05/21/2021 05/21/2021		LOCKHART, SIDNEY LOCKHART, SIDNEY	1.00 1.00		ASSIGNED	Blazer/Suburbans PC/Computer	100000003308	
984657 984657	05/21/2021		LOCKHART, SIDNEY	1.00		ASSIGNED	Blazer/Suburbans	100000003308	
984657	05/21/2021		LOCKHART, SIDNEY	1.00		ASSIGNED	Cell Phone	100000003308	
984657	05/21/2021		LOCKHART, SIDNEY	1.00		ASSIGNED	Tablet/iPad	100000003308	
984657	05/21/2021		LOCKHART, SIDNEY	2.00		ASSIGNED	Cell Phone	100000003308	
984657	05/21/2021	05/12/2021	LOCKHART, SIDNEY	2.00		ASSIGNED	PC/Computer	10000003308	
984657	05/21/2021		LOCKHART, SIDNEY	2.00		ASSIGNED	Blazer/Suburbans	10000003308	ENG
984657	05/21/2021		LOCKHART, SIDNEY	2.00		ASSIGNED	Tablet/iPad	100000003308	
984657	05/21/2021		LOCKHART, SIDNEY	2.00		ASSIGNED	Cell Phone	10000003308	
984657	05/21/2021		LOCKHART, SIDNEY	2.00		ASSIGNED	PC/Computer	100000003308	
984657	05/21/2021		LOCKHART, SIDNEY	2.00		ASSIGNED	Blazer/Suburbans	100000003308	
984657	05/21/2021		LOCKHART, SIDNEY	2.00		ASSIGNED	Tablet/iPad	100000003308	
984657 984657	05/21/2021 05/21/2021		LOCKHART, SIDNEY LOCKHART, SIDNEY	1.00 1.00		ASSIGNED ASSIGNED	PC/Computer Cell Phone	100000003308	
984657	05/21/2021		LOCKHART, SIDNEY	1.00		ASSIGNED	Tablet/iPad	100000003308	
984657	05/21/2021		LOCKHART, SIDNEY	1.00		ASSIGNED	Blazer/Suburbans	100000003308	
984657	05/21/2021		LOCKHART, SIDNEY	1.00		ASSIGNED	Blazer/Suburbans	100000003308	
			,		40.00				

Acctg Date Fund Fund Description Project Project Description Activity Oper Unit OU Descr Descr Sum BU Amount

OMI Seg	ment 5 NESP N	lech - Elect Co	nstruction Project - WRC Labo	or/Fringes/Non-Dir	ect Labor Facto	or for Trans Date	es -04/24/2021 - 05/21	/2021	
WOID	Data Fatanad	Data Wanta d	Name /Danamintian	11	04	040-4	A i F i	Duning of	A - 41: -14: -
<b>WOID</b> 984656	05/07/2021	Date Worked	Name/Description BROWN, JOEL	Hours/Units 1.50	Cost	Cost Category REGULAR	Assign Equipment WRCCON	Project 100000003309	Activity
984656	05/07/2021		BROWN, JOEL	1.50		REGULAR	WRCCON	100000003309	
984656	05/07/2021		BROWN, JOEL	1.00		REGULAR	WRCCON	100000003309	
984656	05/07/2021		BROWN, JOEL	3.50		REGULAR	WRCCON	100000003309	
984656	05/07/2021		BROWN, JOEL	2.00		REGULAR	WRCCON		
984656	05/07/2021	04/19/2021	BROWN, JOEL	2.50	\$284.88	REGULAR	WRCCON	10000003309	ENG
984656	05/07/2021	04/20/2021	BROWN, JOEL	3.00		REGULAR	WRCCON	10000003309	
984656	05/07/2021		BROWN, JOEL	3.00		REGULAR	WRCCON	10000003309	
984656	05/07/2021		BROWN, JOEL	6.00		REGULAR	WRCCON	10000003309	
984656	05/07/2021		BROWN, JOEL	3.00		REGULAR	WRCCON	100000003309	
984656	05/07/2021		BROWN, JOEL	2.50		REGULAR REGULAR	WRCCON WRCCON	100000003309	
984656 984656	05/07/2021 05/07/2021		BROWN, JOEL BROWN, JOEL	2.00		REGULAR	WRCCON	100000003309	
984656	05/07/2021		BROWN, JOEL	7.00		REGULAR	WRCCON	100000003309	
984656	05/07/2021		BROWN, JOEL	2.00		REGULAR	WRCCON	100000003309	
984656	05/07/2021		BROWN, JOEL	4.00		REGULAR	WRCCON	100000003309	
984656	05/07/2021		BROWN, JOEL	6.00		REGULAR	WRCCON	10000003309	
984656	05/07/2021		BROWN, JOEL	5.00		REGULAR	WRCCON	100000003309	
984656	05/07/2021		BROWN, JOEL	5.00	\$569.75	REGULAR	WRCCON	10000003309	
984656	05/07/2021	05/07/2021	BROWN, JOEL	1.00		REGULAR	WRCCON	10000003309	ENG
			BROWN, JOEL Total		\$7,235.85				
984664	04/26/2021	04/26/2021	ROBERTS, PATRICK	2.00		OVERTIME	WRCCDM	100000003309	
984664	04/27/2021		ROBERTS, PATRICK	2.00		OVERTIME	WRCCDM	100000003309	
984664	04/29/2021		ROBERTS, PATRICK	2.00		OVERTIME	WRCCDM	100000003309	
984664 984664	04/29/2021 04/30/2021		ROBERTS, PATRICK ROBERTS, PATRICK	2.00		OVERTIME OVERTIME	WRCCDM WRCCDM	100000003309	
984664	05/04/2021		ROBERTS, PATRICK	2.00		OVERTIME	WRCCDM	100000003309	
984664	05/05/2021		ROBERTS, PATRICK	2.00		OVERTIME	WRCCDM	100000003309	
984664	05/06/2021		ROBERTS, PATRICK	2.00		OVERTIME	WRCCDM	100000003309	
984664	05/07/2021		ROBERTS, PATRICK	2.00		OVERTIME	WRCCDM	10000003309	
984664	05/07/2021		ROBERTS, PATRICK	2.00		OVERTIME	WRCCDM	10000003309	
984664	05/11/2021	05/10/2021	ROBERTS, PATRICK	2.00	\$161.56	OVERTIME	WRCCDM	10000003309	INS
984664	05/12/2021		ROBERTS, PATRICK	2.00		OVERTIME	WRCCDM	10000003309	
984664	05/12/2021		ROBERTS, PATRICK	2.00		OVERTIME	WRCCDM	10000003309	
984664	05/13/2021		ROBERTS, PATRICK	2.00		OVERTIME	WRCCDM	10000003309	
984664	05/14/2021		ROBERTS, PATRICK	2.00		OVERTIME	WRCCDM	100000003309	
984664 984664	05/17/2021 05/18/2021		ROBERTS, PATRICK ROBERTS, PATRICK	2.00		OVERTIME OVERTIME	WRCCDM WRCCDM	100000003309	
984664	05/18/2021		ROBERTS, PATRICK	2.00		OVERTIME	WRCCDM	100000003309	
984664	05/20/2021		ROBERTS, PATRICK	2.00		OVERTIME	WRCCDM	100000003309	
984664	05/21/2021		ROBERTS, PATRICK	2.00		OVERTIME	WRCCDM	100000003309	
984664	04/26/2021		ROBERTS, PATRICK	8.00		REGULAR	WRCCDM	100000003309	
984664	04/27/2021		ROBERTS, PATRICK	8.00		REGULAR	WRCCDM	100000003309	
984664	04/29/2021		ROBERTS, PATRICK	8.00	\$569.84	REGULAR	WRCCDM	10000003309	
984664	04/29/2021	04/29/2021	ROBERTS, PATRICK	8.00	\$569.84	REGULAR	WRCCDM	10000003309	INS
984664	04/30/2021		ROBERTS, PATRICK	8.00		REGULAR	WRCCDM	10000003309	
984664	05/04/2021		ROBERTS, PATRICK	8.00		REGULAR	WRCCDM	100000003309	
984664	05/05/2021		ROBERTS, PATRICK	8.00		REGULAR	WRCCDM	100000003309	
984664	05/06/2021		ROBERTS, PATRICK	8.00		REGULAR	WRCCDM	100000003309	
984664 984664	05/07/2021 05/07/2021		ROBERTS, PATRICK ROBERTS, PATRICK	8.00 8.00		REGULAR REGULAR	WRCCDM WRCCDM	100000003309	
984664	05/07/2021		ROBERTS, PATRICK	8.00		REGULAR	WRCCDM	100000003309	
984664	05/12/2021		ROBERTS, PATRICK	8.00		REGULAR	WRCCDM	100000003309	
984664	05/12/2021		ROBERTS, PATRICK	8.00		REGULAR	WRCCDM	100000003309	
984664	05/13/2021		ROBERTS, PATRICK	8.00		REGULAR	WRCCDM	100000003309	
984664	05/14/2021	05/14/2021	ROBERTS, PATRICK	8.00		REGULAR	WRCCDM	10000003309	
984664	05/17/2021	05/17/2021	ROBERTS, PATRICK	8.00		REGULAR	WRCCDM	10000003309	INS
984664	05/18/2021		ROBERTS, PATRICK	8.00		REGULAR	WRCCDM	10000003309	
984664	05/19/2021		ROBERTS, PATRICK	8.00		REGULAR	WRCCDM	10000003309	
984664	05/20/2021		ROBERTS, PATRICK	8.00		REGULAR	WRCCDM	100000003309	
984664	05/21/2021	05/21/2021	ROBERTS, PATRICK	8.00		REGULAR	WRCCDM	10000003309	INS
004004	05/40/0004	05/44/0004	ROBERTS, PATRICK Total	5.00	\$14,628.00		WDCCDM	400000000000	INIC
984664 984664	05/12/2021 05/20/2021		ROBINSON, RYAN ROBINSON, RYAN	5.00 4.00		REGULAR REGULAR	WRCCDM WRCCDM	100000003309	
304004	03/20/2021	03/20/2021	ROBINSON, RYAN Total	4.00	\$284.92 <b>\$641.07</b>		AA UCCDINI	1000000003309	IIVO
			Grand Total	-	\$22,504.92				
		I .	Statia Iolai		Ψ <u></u> <u></u> <u></u> <u> </u>		I		I

OMI Seg	ment 5 NESP M	lech - Elect Co	nstruction Project - WRC	Labor/Fringes/N	Non-Direct Lab	or Factor for Tr	ans Dates - 04/24/20	21 - 05/21/2021	
WOID	Date Entered			Hours/Units	Cost	Cost Category	Assign Equipment		Activity
984656	05/07/2021		BROWN, JOEL	1.50		ASSIGNED	PC/Computer	10000003309	_
984656	05/07/2021 05/07/2021		BROWN, JOEL	1.50		ASSIGNED	Cell Phone	100000003309	
984656 984656	05/07/2021		BROWN, JOEL BROWN, JOEL	1.50 1.50		ASSIGNED ASSIGNED	Tablet/iPad Cell Phone	100000003309	
984656	05/07/2021		BROWN, JOEL	1.50		ASSIGNED	PC/Computer	100000003309	
984656	05/07/2021		BROWN, JOEL	1.50		ASSIGNED	Tablet/iPad	100000003309	
984656	05/07/2021		BROWN, JOEL	1.00		ASSIGNED	Cell Phone	1000000003309	
984656	05/07/2021		BROWN, JOEL	1.00		ASSIGNED	Tablet/iPad	100000003309	
984656	05/07/2021		BROWN, JOEL	1.00		ASSIGNED	PC/Computer	10000003309	
984656	05/07/2021	04/15/2021	BROWN, JOEL	3.50	\$1.40	ASSIGNED	Cell Phone	100000003309	ENG
984656	05/07/2021		BROWN, JOEL	3.50		ASSIGNED	PC/Computer	10000003309	ENG
984656	05/07/2021		BROWN, JOEL	3.50		ASSIGNED	Tablet/iPad	100000003309	
984656	05/07/2021		BROWN, JOEL	2.00		ASSIGNED	PC/Computer	100000003309	
984656	05/07/2021		BROWN, JOEL	2.00		ASSIGNED	Cell Phone	10000003309	
984656	05/07/2021		BROWN, JOEL	2.00		ASSIGNED	Tablet/iPad	100000003309	
984656	05/07/2021		BROWN, JOEL	2.50		ASSIGNED	Cell Phone	100000003309	
984656	05/07/2021		BROWN, JOEL	2.50		ASSIGNED	Tablet/iPad	100000003309	
984656	05/07/2021		BROWN, JOEL	2.50		ASSIGNED	PC/Computer	100000003309	
984656	05/07/2021		BROWN, JOEL BROWN. JOEL	3.00		ASSIGNED ASSIGNED	Tablet/iPad Cell Phone	100000003309	
984656 984656	05/07/2021 05/07/2021		BROWN, JOEL	3.00 3.00	, -	ASSIGNED	PC/Computer	100000003309	
984656	05/07/2021		BROWN, JOEL	3.00		ASSIGNED	Tablet/iPad	100000003309	
984656	05/07/2021		BROWN, JOEL	3.00		ASSIGNED	Cell Phone	100000003309	
984656	05/07/2021		BROWN, JOEL	3.00	, -	ASSIGNED	PC/Computer	100000003309	
984656	05/07/2021		BROWN, JOEL	6.00		ASSIGNED	PC/Computer	100000003309	
984656	05/07/2021		BROWN, JOEL	6.00		ASSIGNED	Cell Phone	100000003309	
984656	05/07/2021		BROWN, JOEL	6.00		ASSIGNED	Tablet/iPad	10000003309	
984656	05/07/2021		BROWN, JOEL	3.00		ASSIGNED	PC/Computer	100000003309	
984656	05/07/2021	04/23/2021	BROWN, JOEL	3.00	\$1.20	ASSIGNED	Cell Phone	100000003309	ENG
984656	05/07/2021		BROWN, JOEL	3.00		ASSIGNED	Tablet/iPad	100000003309	ENG
984656	05/07/2021		BROWN, JOEL	2.50		ASSIGNED	Tablet/iPad	100000003309	
984656	05/07/2021		BROWN, JOEL	2.50		ASSIGNED	Cell Phone	10000003309	
984656	05/07/2021		BROWN, JOEL	2.50		ASSIGNED	PC/Computer	10000003309	
984656	05/07/2021		BROWN, JOEL	2.00		ASSIGNED	Cell Phone	100000003309	
984656	05/07/2021		BROWN, JOEL	2.00		ASSIGNED	PC/Computer	100000003309	
984656	05/07/2021		BROWN, JOEL BROWN, JOEL	2.00		ASSIGNED	Tablet/iPad	100000003309	
984656 984656	05/07/2021 05/07/2021		BROWN, JOEL	2.00		ASSIGNED ASSIGNED	Cell Phone PC/Computer	100000003309	
984656	05/07/2021		BROWN, JOEL	2.00		ASSIGNED	Tablet/iPad	100000003309	
984656	05/07/2021		BROWN, JOEL	7.00		ASSIGNED	PC/Computer	100000003309	
984656	05/07/2021		BROWN, JOEL	7.00		ASSIGNED	Cell Phone	100000003309	
984656	05/07/2021	04/29/2021	BROWN, JOEL	7.00		ASSIGNED	Tablet/iPad	10000003309	
984656	05/07/2021		BROWN, JOEL	2.00			Tablet/iPad	10000003309	
984656	05/07/2021		BROWN, JOEL	2.00		ASSIGNED		100000003309	
984656	05/07/2021	04/30/2021	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	ENG
984656	05/07/2021		BROWN, JOEL	4.00		ASSIGNED	Cell Phone	100000003309	
984656	05/07/2021		BROWN, JOEL	4.00		ASSIGNED	PC/Computer	100000003309	
984656	05/07/2021		BROWN, JOEL	4.00		ASSIGNED	Tablet/iPad	10000003309	
984656	05/07/2021		BROWN, JOEL	6.00		ASSIGNED	Tablet/iPad	100000003309	
984656	05/07/2021		BROWN, JOEL	6.00		ASSIGNED	Cell Phone	100000003309	
984656	05/07/2021		BROWN, JOEL	6.00		ASSIGNED	PC/Computer PC/Computer	100000003309	
984656	05/07/2021		BROWN, JOEL BROWN, JOEL	5.00		ASSIGNED		100000003309	
984656 984656	05/07/2021 05/07/2021		BROWN, JOEL	5.00 5.00		ASSIGNED ASSIGNED	Tablet/iPad Cell Phone	100000003309	
984656	05/07/2021		BROWN, JOEL	5.00		ASSIGNED	Cell Phone	100000003309	
984656	05/07/2021		BROWN, JOEL	5.00		ASSIGNED	PC/Computer	100000003309	
984656	05/07/2021		BROWN, JOEL	5.00		ASSIGNED	Tablet/iPad	100000003309	
984656	05/07/2021		BROWN, JOEL	1.00		ASSIGNED	Cell Phone	100000003309	
984656	05/07/2021		BROWN, JOEL	1.00		ASSIGNED	PC/Computer	100000003309	
984656	05/07/2021		BROWN, JOEL	1.00		ASSIGNED	Tablet/iPad	10000003309	
			BROWN, JOEL Total		\$189.89				
984664	04/26/2021		ROBERTS, PATRICK	2.00	\$0.80	ASSIGNED	Cell Phone	10000003309	
984664	04/26/2021		ROBERTS, PATRICK	2.00		ASSIGNED	PC/Computer	10000003309	
984664	04/26/2021		ROBERTS, PATRICK	2.00		ASSIGNED	1/2 Ton Pick-up	10000003309	
984664	04/26/2021		ROBERTS, PATRICK	8.00		ASSIGNED	PC/Computer	10000003309	
984664	04/26/2021		ROBERTS, PATRICK	8.00		ASSIGNED	1/2 Ton Pick-up	100000003309	
984664	04/26/2021		ROBERTS, PATRICK	8.00		ASSIGNED	Cell Phone	100000003309	
984664	04/27/2021		ROBERTS, PATRICK	8.00		ASSIGNED	PC/Computer	100000003309	
984664 984664	04/27/2021		ROBERTS, PATRICK	8.00		ASSIGNED	1/2 Ton Pick-up	100000003309	
984664 984664	04/27/2021 04/27/2021		ROBERTS, PATRICK ROBERTS, PATRICK	8.00 2.00		ASSIGNED ASSIGNED	Cell Phone Cell Phone	100000003309	
984664	04/27/2021		ROBERTS, PATRICK	2.00		ASSIGNED	PC/Computer	100000003309	
JU-1004	U-1/2/1/2021	07/21/2021	INOBERTO, I ATRION	2.00	ψ4.00	, (OOIOI4LD	1 O/Oompalei	100000000000000000000000000000000000000	11140

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984664	04/27/2021		ROBERTS, PATRICK	2.00		ASSIGNED	1/2 Ton Pick-up	100000003309	
984664	04/29/2021	04/28/2021	ROBERTS, PATRICK	8.00	\$3.20	ASSIGNED	Cell Phone	100000003309	INS
984664	04/29/2021	04/28/2021	ROBERTS, PATRICK	8.00	\$18.72	ASSIGNED	PC/Computer	10000003309	INS
984664	04/29/2021		ROBERTS, PATRICK	8.00		ASSIGNED	1/2 Ton Pick-up	100000003309	
984664	04/29/2021		ROBERTS, PATRICK	2.00		ASSIGNED	PC/Computer	10000003309	
984664	04/29/2021		ROBERTS, PATRICK	2.00		ASSIGNED	1/2 Ton Pick-up	100000003309	
984664	04/29/2021	04/28/2021	ROBERTS, PATRICK	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	INS
984664	04/29/2021	04/29/2021	ROBERTS, PATRICK	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	INS
984664	04/29/2021		ROBERTS, PATRICK	8.00		ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	04/29/2021		ROBERTS, PATRICK	8.00		ASSIGNED	Cell Phone	100000003309	
984664	04/29/2021		ROBERTS, PATRICK	2.00		ASSIGNED	Cell Phone	100000003309	
984664	04/29/2021		ROBERTS, PATRICK	8.00		ASSIGNED	PC/Computer	100000003309	
984664	04/29/2021	04/29/2021	ROBERTS, PATRICK	2.00	\$11.38	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	04/30/2021	04/30/2021	ROBERTS, PATRICK	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	INS
984664	04/30/2021		ROBERTS, PATRICK	2.00		ASSIGNED	1/2 Ton Pick-up	100000003309	
984664	04/30/2021		ROBERTS, PATRICK	2.00		ASSIGNED	Cell Phone	100000003309	
984664	04/30/2021		ROBERTS, PATRICK	8.00		ASSIGNED	Cell Phone	100000003309	
984664	04/30/2021	04/30/2021	ROBERTS, PATRICK	8.00		ASSIGNED	PC/Computer	100000003309	
984664	04/30/2021	04/30/2021	ROBERTS, PATRICK	8.00	\$45.52	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	05/04/2021	05/03/2021	ROBERTS, PATRICK	8.00	\$3.20	ASSIGNED	Cell Phone	100000003309	INS
984664	05/04/2021		ROBERTS, PATRICK	2.00		ASSIGNED	Cell Phone	100000003309	
984664	05/04/2021		ROBERTS, PATRICK	8.00	4	ASSIGNED	PC/Computer	100000003309	
984664	05/04/2021		ROBERTS, PATRICK	8.00	, , , ,	ASSIGNED	1/2 Ton Pick-up	100000003309	
984664	05/04/2021		ROBERTS, PATRICK	2.00		ASSIGNED	PC/Computer	100000003309	
984664	05/04/2021		ROBERTS, PATRICK	2.00	\$11.38	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	05/05/2021		ROBERTS, PATRICK	8.00	\$3.20	ASSIGNED	Cell Phone	100000003309	INS
984664	05/05/2021		ROBERTS, PATRICK	8.00		ASSIGNED	PC/Computer	100000003309	
984664	05/05/2021		ROBERTS, PATRICK	8.00		ASSIGNED	1/2 Ton Pick-up	100000003309	
					,				
984664	05/05/2021		ROBERTS, PATRICK	2.00		ASSIGNED	PC/Computer	100000003309	
984664	05/05/2021		ROBERTS, PATRICK	2.00		ASSIGNED	1/2 Ton Pick-up	100000003309	
984664	05/05/2021	05/04/2021	ROBERTS, PATRICK	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	INS
984664	05/06/2021	05/05/2021	ROBERTS, PATRICK	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	INS
984664	05/06/2021		ROBERTS, PATRICK	2.00		ASSIGNED	1/2 Ton Pick-up	100000003309	
984664	05/06/2021		ROBERTS, PATRICK	2.00		ASSIGNED	Cell Phone	100000003309	
				8.00		ASSIGNED	Cell Phone	100000003309	
984664	05/06/2021		ROBERTS, PATRICK						
984664	05/06/2021		ROBERTS, PATRICK	8.00			PC/Computer	100000003309	
984664	05/06/2021	05/05/2021	ROBERTS, PATRICK	8.00	\$45.52	ASSIGNED	1/2 Ton Pick-up	100000003309	
984664	05/07/2021	05/06/2021	ROBERTS, PATRICK	8.00	\$18.72	ASSIGNED	PC/Computer	100000003309	INS
984664	05/07/2021		ROBERTS, PATRICK	8.00	\$3.20	ASSIGNED	Cell Phone	100000003309	
984664	05/07/2021		ROBERTS, PATRICK	2.00		ASSIGNED	PC/Computer	100000003309	
							Cell Phone	100000003309	
984664	05/07/2021		ROBERTS, PATRICK	2.00		ASSIGNED			
984664	05/07/2021		ROBERTS, PATRICK	2.00		ASSIGNED	1/2 Ton Pick-up	100000003309	
984664	05/07/2021	05/06/2021	ROBERTS, PATRICK	8.00	\$45.52	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	05/07/2021	05/07/2021	ROBERTS, PATRICK	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	INS
984664	05/07/2021	05/07/2021	ROBERTS, PATRICK	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	INS
984664	05/07/2021	05/07/2021	ROBERTS, PATRICK	2.00	\$11.38	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	05/07/2021		ROBERTS, PATRICK	8.00			PC/Computer	100000003309	
984664	05/07/2021		ROBERTS, PATRICK	8.00		ASSIGNED	1/2 Ton Pick-up	100000003309	
984664	05/07/2021		ROBERTS, PATRICK	8.00		ASSIGNED	Cell Phone	100000003309	
984664	05/11/2021		ROBERTS, PATRICK	2.00		ASSIGNED	Cell Phone	100000003309	
984664	05/11/2021	05/10/2021	ROBERTS, PATRICK	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	INS
984664	05/11/2021		ROBERTS, PATRICK	2.00		ASSIGNED	1/2 Ton Pick-up	10000003309	
984664	05/11/2021		ROBERTS, PATRICK	8.00		ASSIGNED	PC/Computer	100000003309	
984664	05/11/2021		ROBERTS, PATRICK	8.00		ASSIGNED	1/2 Ton Pick-up	100000003309	
984664	05/11/2021		ROBERTS, PATRICK	8.00		ASSIGNED	Cell Phone	100000003309	
984664	05/12/2021		ROBERTS, PATRICK	8.00		ASSIGNED	1/2 Ton Pick-up	100000003309	
984664	05/12/2021		ROBERTS, PATRICK	8.00		ASSIGNED	Cell Phone	100000003309	
984664	05/12/2021	05/11/2021	ROBERTS, PATRICK	8.00	\$18.72	ASSIGNED	PC/Computer	100000003309	INS
984664	05/12/2021		ROBERTS, PATRICK	2.00		ASSIGNED	PC/Computer	100000003309	
984664	05/12/2021		ROBERTS, PATRICK	2.00		ASSIGNED	Cell Phone	100000003309	
984664			ROBERTS, PATRICK	2.00		ASSIGNED	1/2 Ton Pick-up	100000003309	
	05/12/2021								
984664	05/12/2021		ROBERTS, PATRICK	2.00		ASSIGNED	Cell Phone	100000003309	
984664	05/12/2021		ROBERTS, PATRICK	2.00			PC/Computer	100000003309	
984664	05/12/2021	05/12/2021	ROBERTS, PATRICK	2.00	\$11.38	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	05/12/2021		ROBERTS, PATRICK	8.00		ASSIGNED	PC/Computer	100000003309	
984664	05/12/2021		ROBERTS, PATRICK	8.00		ASSIGNED	1/2 Ton Pick-up	100000003309	
984664	05/12/2021		ROBERTS, PATRICK	8.00		ASSIGNED	Cell Phone	100000003309	
984664	05/13/2021		ROBERTS, PATRICK	2.00		ASSIGNED	Cell Phone	10000003309	
984664	05/13/2021		ROBERTS, PATRICK	2.00		ASSIGNED	PC/Computer	100000003309	INS
984664	05/13/2021	05/13/2021	ROBERTS, PATRICK	2.00	\$11.38	ASSIGNED	1/2 Ton Pick-up	10000003309	INS
984664	05/13/2021		ROBERTS, PATRICK	8.00		ASSIGNED	1/2 Ton Pick-up	100000003309	
984664	05/13/2021		ROBERTS, PATRICK	8.00		ASSIGNED	Cell Phone	100000003309	
984664	05/13/2021		ROBERTS, PATRICK	8.00		ASSIGNED	PC/Computer	100000003309	
984664	05/14/2021		ROBERTS, PATRICK	8.00		ASSIGNED	Cell Phone	100000003309	
984664	05/14/2021	05/14/2021	ROBERTS, PATRICK	8.00	<u>\$18.7</u> 2	ASSIGNED	PC/Computer	100000003309	INS

984664	05/14/2021	05/14/2021	ROBERTS, PATRICK	2.00	\$0.80	ASSIGNED	Cell Phone	10000003309	INS
984664	05/14/2021	05/14/2021	ROBERTS, PATRICK	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	INS
984664	05/14/2021	05/14/2021	ROBERTS, PATRICK	8.00	\$45.52	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	05/14/2021		ROBERTS, PATRICK	2.00	,	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	05/17/2021	05/17/2021	ROBERTS, PATRICK	8.00		ASSIGNED	Cell Phone	100000003309	INS
984664	05/17/2021	05/17/2021	ROBERTS, PATRICK	8.00	\$18.72	ASSIGNED	PC/Computer	10000003309	INS
984664	05/17/2021	05/17/2021	ROBERTS, PATRICK	8.00	\$45.52	ASSIGNED	1/2 Ton Pick-up	10000003309	INS
984664	05/17/2021		ROBERTS, PATRICK	2.00		ASSIGNED	PC/Computer	10000003309	
984664	05/17/2021		ROBERTS, PATRICK	2.00		ASSIGNED	1/2 Ton Pick-up	10000003309	INS
984664	05/17/2021		ROBERTS, PATRICK	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	
984664	05/18/2021		ROBERTS, PATRICK	2.00	\$0.80	ASSIGNED	Cell Phone	10000003309	INS
984664	05/18/2021		ROBERTS, PATRICK	8.00		ASSIGNED	PC/Computer	100000003309	
984664	05/18/2021		ROBERTS, PATRICK	8.00		ASSIGNED	1/2 Ton Pick-up	10000003309	
984664	05/18/2021	05/18/2021	ROBERTS, PATRICK	2.00		ASSIGNED	PC/Computer	10000003309	
984664	05/18/2021	05/18/2021	ROBERTS, PATRICK	2.00	\$11.38	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	05/18/2021	05/18/2021	ROBERTS, PATRICK	8.00	<u> </u>	ASSIGNED	Cell Phone	100000003309	
984664	05/19/2021		ROBERTS, PATRICK	2.00	*	ASSIGNED	PC/Computer	100000003309	INS
984664	05/19/2021		ROBERTS, PATRICK	2.00		ASSIGNED	1/2 Ton Pick-up	100000003309	
984664	05/19/2021	05/19/2021	ROBERTS, PATRICK	2.00	\$0.80	ASSIGNED	Cell Phone	10000003309	INS
984664	05/19/2021	05/19/2021	ROBERTS, PATRICK	8.00		ASSIGNED	1/2 Ton Pick-up	10000003309	
984664	05/19/2021	05/19/2021	ROBERTS, PATRICK	8.00		ASSIGNED	PC/Computer	10000003309	INS
984664	05/19/2021	05/19/2021	ROBERTS, PATRICK	8.00	\$3.20	ASSIGNED	Cell Phone	10000003309	INS
984664	05/20/2021	05/20/2021	ROBERTS, PATRICK	2.00		ASSIGNED	Cell Phone	10000003309	
984664	05/20/2021	05/20/2021	ROBERTS, PATRICK	2.00	\$11.38	ASSIGNED	1/2 Ton Pick-up	10000003309	INS
984664	05/20/2021	05/20/2021	ROBERTS, PATRICK	2.00	\$4.68	ASSIGNED	PC/Computer	10000003309	INS
984664	05/20/2021		ROBERTS, PATRICK	8.00	\$3.20	ASSIGNED	Cell Phone	10000003309	INS
984664	05/20/2021		ROBERTS, PATRICK	8.00		ASSIGNED	PC/Computer	100000003309	
984664	05/20/2021		ROBERTS, PATRICK	8.00		ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	05/21/2021		ROBERTS, PATRICK	8.00		ASSIGNED	1/2 Ton Pick-up	10000003309	INS
984664	05/21/2021		ROBERTS, PATRICK	8.00		ASSIGNED	Cell Phone	100000003309	
984664	05/21/2021		ROBERTS, PATRICK	8.00		ASSIGNED	PC/Computer	100000003309	
984664	05/21/2021		ROBERTS, PATRICK	2.00		ASSIGNED	1/2 Ton Pick-up	100000003309	
984664	05/21/2021		ROBERTS, PATRICK	2.00		ASSIGNED	Cell Phone	100000003309	
984664	05/21/2021	05/21/2021	ROBERTS, PATRICK	2.00		ASSIGNED	PC/Computer	100000003309	INS
			ROBERTS, PATRICK Tot		\$1,686.00				
984664	05/12/2021		ROBINSON, RYAN	5.00		ASSIGNED	Cell Phone	100000003309	
984664	05/12/2021		ROBINSON, RYAN	5.00		ASSIGNED	PC/Computer	100000003309	
984664	05/12/2021		ROBINSON, RYAN	5.00		ASSIGNED	3/4 Ton Pick-up	100000003309	
984664	05/20/2021		ROBINSON, RYAN	4.00		ASSIGNED	Cell Phone	100000003309	
984664	05/20/2021		ROBINSON, RYAN	4.00		ASSIGNED	PC/Computer	100000003309	
984664	05/20/2021	05/20/2021	ROBINSON, RYAN	4.00		ASSIGNED	3/4 Ton Pick-up	100000003309	INS
			ROBINSON, RYAN Total		\$75.87				
984664	05/12/2021		CDM Leica TS15P R400	5.00		UNASSIGNED		100000003309	
984664	05/20/2021	05/20/2021	CDM Leica TS15P R400	4.00		UNASSIGNED		100000003309	INS
			CDM Leica TS15P R400 T	Γotal	\$85.50				
			Grand Total		\$2,037.26				

Acctg Date Fund Fund Description Project Project Description Activity Oper Unit OU Descr Descr Sum BU Amount



LG Design is a Subsidiary of CH2M Hill Engineers

Sandy.Pepper@Jacobs.com

Remit to:

LG Design, Inc. Attn: Judy Rives 1041 East Butler Road Greenville, SC. 29607

Tax ID: 20-0936384

06/02/2021

Oakland-Macomb Interceptor Drain Drainage District Oakland County Water Resources Commissioner One Public Works Drive Waterford, MI 48328 248-858-0958

CH2M HILL Project No. 705773CH CH2M HILL Invoice No. 705773CH028 Sequential Invoice Number: 29

#### PROFESSIONAL SERVICES RENDERED FOR THE OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT (OMIDDD) BIOTRICKLING FILTER DESIGN AND CONSTRUCTION OVERSIGHT This invoice includes labor and expenses for the period:

From May 1, 2021 through May 28, 2021

84915 - 149015 - 730373 - 5456 - 1-2708 Ch 21 - eng con v#22147 exp. 6/26/23 li#41407 Amount: \$ 1,272,470.46

Current Invoice: \$
Total Invoiced: \$ 7,686.11 1,216,402.76 Percent Complete: 95.59% Remaining Budget: \$ 56,067.70

Invoice Date

Total Amount Due: \$ 7,686.11

Project/Task Number	Description	Total Budget	Previously Invoiced	Current Invoice	Total Invoiced	Percent Spent	Remaining Budget
1	PROJECT MANAGEMENT	\$ 33,527.00	\$ 33,504.07	\$ -	\$ 33,504.07	99.93%	\$ 22.93
2	PRELIMINARY DESIGN	\$ 73,599.00	\$ 73,519.37	\$ -	\$ 73,519.37	99.89%	\$ 79.63
3	FINAL DESIGN	\$ 195,027.00	\$ 195,009.84	\$ -	\$ 195,009.84	99.99%	\$ 17.16
4	BIDDING	\$ 31,841.46	\$ 31,840.94	\$ -	\$ 31,840.94	100.00%	\$ 0.52
5	CONSTRUCTION OBSERVATION	\$ 325,731.16	\$ 325,711.92	\$ -	\$ 325,711.92	99.99%	\$ 19.24
6	REVIEW SUBMITTALS	\$ 85,648.00	\$ 85,581.87	\$ -	\$ 85,581.87	99.92%	\$ 66.13
7	CHANGES & CLAIMS	\$ 17,361.00	\$ 17,274.11	\$ -	\$ 17,274.11	99.50%	\$ 86.89
8	SITE INSPECTION	\$ 31,998.07	\$ 31,975.53	\$ -	\$ 31,975.53	99.93%	\$ 22.54
9	PREPARE O&M MANUAL	\$ 23,943.00	\$ 10,230.46	\$ 4,810.98	\$ 15,041.44	62.82%	\$ 8,901.56
10	PROVIDE OPERATING TRAINING	\$ 9,082.00	\$ 6,112.88	\$ -	\$ 6,112.88	67.31%	\$ 2,969.12
11	ASSIST WITH FACILITY START-UP	\$ 17,129.00	\$ 10,275.89	\$ -	\$ 10,275.89	59.99%	\$ 6,853.11
12	PREPARE RECORD DRAWINGS	\$ 9,803.00	\$ 504.32	\$ -	\$ 504.32	5.14%	\$ 9,298.68
13	WARRANTY & PERFORMANCE REVIEWS	\$ 15,925.00	\$ 7,030.43	\$ 1,857.63	\$ 8,888.06	55.81%	\$ 7,036.94
14	PROJECT PLANNING	\$ 25,000.00	\$ 24,997.75	\$ -	\$ 24,997.75	99.99%	\$ 2.25
EX	EXPENSES	\$ 17,175.62	\$ 17,175.62	\$ -	\$ 17,175.62	100.00%	\$ -
SUB.METCO	ELECTRICAL ENGINEERING	\$ 74,194.50	\$ 74,194.50	\$ -	\$ 74,194.50	100.00%	\$ -
SUB.NTH	GEOTECH INVESTIGATION	\$ 259,544.65	\$ 258,527.15	\$ 1,017.50	\$ 259,544.65	100.00%	\$ -
SUB.SDA	\$ 5,250.00	\$ 5,250.00	\$ -	\$ 5,250.00	100.00%	\$ -	
	Subtotal:	\$ 1,251,779.46	\$ 1,208,716.65	\$ 7,686.11	\$ 1,216,402.76	97.17%	\$ 35,376.70
	Allowance	\$ 20,691.00	\$ -	\$ -	\$ -	0.00%	\$ 20,691.00
	Total:	\$ 1,272,470.46	\$ 1,208,716.65	\$ 7,686.11	\$ 1,216,402.76	97.17%	\$ 56,067.70

#### **OUTSTANDING INVOICES:**

INVOICE DATE	INVOICE #	AMOUNT	
5/6.2021	705773CH027	\$	16,014.62
Total:		\$	16,014.62
Current invoice		\$	7,686.11
TOTAL DUE:		\$	23.700.73

Payment term: 30 calendar days (NET)

FINANCE CHARGES WILL BE ASSESSED AT 1½ PERCENT PER MONTH (OR MAXIMUM PERMISSIBLE UNDER STATE LAW) ON ALL ACCOUNTS OVERDUE UNLESS STATED OTHERWISE IN OUR CONTRACT. CH2M HILL IS INCORPORATED.

Electronic payment details:

Bank of America Beneficiary Bank: CH2M HILL Engineers, Inc. Account Name:

Transit for ACH: 111000012 Transit for Wires: 026009593 Account No (USD): 4451457732 SWIFT: **BOFAUS3N** 

# **CLARK HILL**

P.L.C.

ATTORNEYS AT LAW

151 S. Old Woodward Avenue, Suite 200 Birmingham, Michigan 48009 Telephone (248) 642-9692 Fed.ID # 38-0425840

#### INVOICE

Invoice # 1092340

Oakland-Macomb Interceptor Drain Drainage DistrictMay 16, 2021 Attn: Megan Koss, Esq. Client: 58434 1 Public Works Drive Matter: 316432

Waterford, MI 48328

kossm@oakgov.com; korths@oakgov.com

cookek@oakgov.com

RE: OMID Phase 2 Project - Acquisition of Northeast Pump

Stations

FOR SERVICES RENDERED through April 30, 2021

Total Services: \$216.00

INVOICE TOTAL \$216.00

04/13/21 1081788 \$216.00 TBP May OMID meeting

Past Due Balance: \$216.00

TOTAL AMOUNT DUE \$432.00

84917 - 6010101 - 149015 - 731073 - 5113 - 1-3308 - Ch. 21 - v#2788 - exp. 5/15/21

 $\mathcal{A}$   $\mathcal{R}$  6/4/21



2600 W. BIG BEAVER ROAD, SUITE 300

TROY, MI 48084-3312 TELEPHONE: (248) 433-7200 http://www.dickinsonwright.com

FEDERAL I.D. #38-1364333

INVOICE DATE: APRIL 14, 2021

INVOICE NO.: 1571540

OAKLAND COUNTY WATER RESOURCES COMMISSIONER ATTORNEY & INSURANCE ADMINISTRATOR ONE PUBLIC WORKS DRIVE, #95 WATERFORD, MI 48328

82912 - 6010101 - 149030 - 731073 - 5089 - Ch. 21 - v#4978 - exp. 4/30/22

ATTN: STEVE KORTH

CLIENT/MATTER NO.: 012840-00436

RE: PREPARE BOARD MEMORANDUM RE LOCKOUT-TAGOUT (LOTO) ISSUE

#### PRIVILEGED AND CONFIDENTIAL

FOR PROFESSIONA	L SERVICES THE	ROUGH MARCH 31, 202	21			<u>USD</u>
TOTAL FEES CU	JRRENT INVOICE				\$	7,650.00
TOTAL DISBUR	SEMENTS CURRE	ENT INVOICE			\$	30.20
TOTAL CURRE	NT INVOICE				\$	7,680.20
OUTSTANDING	INVOICES ON TH	IE MATTER BILLED ON	THIS CURRENT I	NVOICE AS OF AP	RIL ′	1 <u>4, 2021</u>
INVOICE	DATE	BILLED VALUE	<u>PAYMENTS</u>	OUTSTANDING		
1564580	03/17/21	5,025.00	(0.00)	5,025.00		
TOTAL OUTSTA	NDING FROM PR	IOR INVOICES			\$	5,025.00
TOTAL AMOUN	T DUE				\$	12,705.20

Remittance Instructions					
	***Terms: Due and Payable Upon R	eceipt***			
Mail To:	ACH Instructions:	Wire Instructions:			
Dickinson Wright PLLC 2600 W. Big Beaver Suite 300 Troy, MI 48084	JP Morgan Chase Bank N.A. 28660 Northwestern Highway Southfield, MI 48034 ABA Number: 072 000 326 Account# 38852	JP Morgan Chase Bank N.A. 28660 Northwestern Highway Southfield, MI 48034 ABA Number: 021 000 021 Swift Code: CHASUS33 (International) Account# 38852			
	(Please Reference Invoice Numbers)	(Please Reference Invoice Numbers)			



2600 W. BIG BEAVER ROAD, SUITE 300

TROY, MI 48084-3312
TELEPHONE: (248) 433-7200
http://www.dickinsonwright.com

FEDERAL I.D. #38-1364333

INVOICE DATE: MAY 14, 2021 INVOICE NO.: 1580707

OAKLAND COUNTY WATER RESOURCES COMMISSIONER ATTORNEY & INSURANCE ADMINISTRATOR ONE PUBLIC WORKS DRIVE, #95 WATERFORD, MI 48328

82912 - 6010101 - 149030 - 731073 - 5089 - Ch. 21 - v#4978 - exp. 4/30/22

ATTN: STEVE KORTH

CLIENT/MATTER NO.: 012840-00436

RE: PREPARE BOARD MEMORANDUM RE LOCKOUT-TAGOUT (LOTO) ISSUE

#### PRIVILEGED AND CONFIDENTIAL

FOR PROFESSIO	NAL SERVICES THR	OUGH APRIL 30, 2021				<u>USD</u>
TOTAL FEES	CURRENT INVOICE				\$	187.50
TOTAL CURI	RENT INVOICE				\$	187.50
OUTSTANDI	NG INVOICES ON THI	E MATTER BILLED ON	I THIS CURRENT I	NVOICE AS OF MA	Y 14, 2021	
<u>INVOICE</u>	<u>DATE</u>	BILLED VALUE	<u>PAYMENTS</u>	<u>OUTSTANDING</u>		
1571540	04/14/21	7,680.20	(0.00)	7,680.20		
TOTAL OUTS	STANDING FROM PRI	OR INVOICES			\$	7,680.20
TOTAL AMO	UNT DUE				\$	7,867.70

Remittance Instructions						
	***Terms: Due and Payable Upon R	eceipt***				
Mail To:	Mail To: ACH Instructions: Wire Instructions:					
Dickinson Wright PLLC 2600 W. Big Beaver Suite 300 Troy, MI 48084	JP Morgan Chase Bank N.A. 28660 Northwestern Highway Southfield, MI 48034 ABA Number: 072 000 326 Account# 38852	JP Morgan Chase Bank N.A. 28660 Northwestern Highway Southfield, MI 48034 ABA Number: 021 000 021 Swift Code: CHASUS33 (International) Account# 38852				
	(Please Reference Invoice Numbers)	(Please Reference Invoice Numbers)				



www.glwater.org

OMID JOEL BROWN OCWRC ASSISTANT CHIEF ENGINEER ONE PUBLIC WORKS DR, BLDG 95 WEST WATERFORD, MI 48328

Account Name	OMID
<b>Account Number</b>	900-2101-W
Billing Date	06/07/2021
Due Date	07/07/2021

Billing Inquiries: (313) 964-9290

REMIT TO: Great Lakes Water Authority Attn: Treasury P.O. Box 441370 Detroit, MI 48244-1370

PREVIOUS BALANCE ADJUSTMENTS AND PAYMENTS APPLIED		\$0.00 \$0.00
	PREVIOUS AMOUNT DUE	\$0.00

#### **CURRENT CHARGES**

Quantity	DESCRIPTION	RATE	CHARGE
3 COST	「SHARING AGREEMENT - OMID DRONE USE - AIRTIME	40.00	\$120.00
1 COST	SHARING AGREEMENT - OMID DRONE USE - O&M COST	13.00	\$13.00

84917 - 149015 - 731458 - 1-3309 INS

DRONE USAGE ON MAY 7, 2021

TOTAL CURRENT CHARGES	\$133.00
TOTAL AMOUNT DUE	\$133.00

#### PLEASE DETACH AND RETURN THIS PORTION WITH YOUR PAYMENT

Account Name	Account Number	Due Date	Amount Due
OMID	900-2101-W	07/07/2021	\$133.00

OMID
OCWRC ASSISTANT CHIEF ENGINEER
ONE PUBLIC WORKS DR, BLDG 95 WEST
WATERFORD, MI 48328

AMOUNT REMITTED \$

REMIT TO: Great Lakes Water Authority

Attn: Treasury P.O. Box 441370

Detroit, MI 48244-1370



23905 Freeway Park • Farmington Hills, MI 48335 Phone: 586.978.7200 • Fax: 586.978.2200

www.hesco-mi.com

Date: 05/03/2021

Invoice No. 202112871

82912 - 149090 - 730660 - 5819 - Ch. 21 - v#3091 - exp. 6/30/22 - li#42703

Billed To: OMID Drainage District 1 Public Works Drive

Waterford MI 48328

Project: S2019807S OMID Flow Control Structures

Contact: Terry Moore	P.O.#	Sewer Fund #149130 <b>Salesperson:</b>	David	d Burkel	Due Date:	06/02/2021
Description		Ui	nit	Qty	Rate	Amount
CS-5 Preventative Maintenan	ce 3/13/2021	Ea	ch	1.00		
Senior Tech		Ea	ıch	9.50	185.00	1,757.50
Tech 1		Ea	ıch	16.00	120.00	1,920.00
Pressure Filter		Ea	ch	1.00	60.00	60.00
Return Filter		Ea	ıch	1.00	17.50	17.50
Notes:						
140163.		TI	M	5-18-21		

# We have moved!

Please update your records to reflect our new address 23905 Freeway Park Drive Farmington Hills, MI 48335

Amount Due	3,755.00
Sales Tax:	0.00
Taxable Amount:	0.00
Non-Taxable Amount:	3,755.00



23905 Freeway Park • Farmington Hills, MI 48335

Phone: 586.978.7200 • Fax: 586.978.2200

82912 - 149090 - 730660 - 5819 - Ch. 21 - v#3091 - exp. 6/30/22 - li#42703

www.hesco-mi.com

Billed To: OMID Drainage District

1 Public Works Drive Waterford MI 48328

Project: S2019807S OMID Flow Control Structures

Invoice No. 202112905

Date: 05/17/2021

P.O.# Sewer Fund #14	9130 <b>Salesperson:</b> Dav	id Burkel	Due Date:	06/16/2021
	Unit	Qty	Rate	Amount
04/10/2021	Each	1.00		
	Each	7.25	185.00	1,341.25
	Each	13.00	120.00	1,560.00
	Each	1.00	60.00	60.00
	Each	1.00	17.50	17.50
	P.O.# Sewer Fund #14	Unit Each Each Each Each	Unit Qty  2 04/10/2021 Each 1.00  Each 7.25  Each 13.00  Each 1.00	Unit Qty Rate  2 04/10/2021  Each 1.00  Each 7.25 185.00  Each 13.00 120.00  Each 1.00 60.00

Notes:

TM 5-18-21

# We have moved!

Please update your records to reflect our new address 23905 Freeway Park Drive Farmington Hills, MI 48335

Non-Taxable Amount:	2,978.75
Taxable Amount:	0.00
Sales Tax:	0.00
Amount Due	2,978.75



23905 Freeway Park • Farmington Hills, MI 48335 Phone: 586.978.7200 • Fax: 586.978.2200

www.hesco-mi.com 82912 - 149090 - 730660 - 5819 - Ch. 21 - v#3091 - exp. 6/30/22 - Ii#42703

Billed To: OMID Drainage District

1 Public Works Drive Waterford MI 48328

Project: S2019807S OMID Flow Control Structures

Invoice No. 202112933

Date: 06/04/2021

Contact: Terry Moore	P.O.#	Sewer Fund #149130 <b>Salesperson</b>	: David Burkel	Due Date:	07/04/2021
Description			Qty	Rate	Amount
CS-8, Preventative Maintena	ance 04/24/202	1	1.000		
Senior Tech			6.500	185.00	1,202.50
Tech 1			11.000	120.00	1,320.00
Pressure Filter			1.000	60.00	60.00
Return Filter			1.000	17.50	17.50

TM 6-4-21

# We have moved!

Please update your records to reflect our new address 23905 Freeway Park Drive Farmington Hills, MI 48335

Sales Tax:	0.00
Amount Due	2.600.00



23905 Freeway Park • Farmington Hills, MI 48335 Phone: 586.978.7200 • Fax: 586.978.2200

www.hesco-mi.com

82912 - 149090 - 730660 - 5819 - Ch. 21 - v#3091 - exp. 6/30/22 - li#42703

Billed To: OMID Drainage District

1 Public Works Drive Waterford MI 48328

Project: S2019807S OMID Flow Control Structures

Invoice No. 202112934

Date: 06/04/2021

Contact: Terry Moore	<b>P.O.#</b> Sewer Fund #14913	BO <b>Salesperson:</b> David Burkel	<b>Due Date:</b> 07/04/2021			
Description		Qty	Rate	Amount		
CS-7, Preventative Maintena	ance 04/15/2021	1.000				
Senior Tech		7.000	185.00	1,295.00		
Tech 1		12.000	120.00	1,440.00		
Pressure Filter		1.000	60.00	60.00		
Return Filter		1.000	17.50	17.50		

TM 6-4-21

# We have moved!

Please update your records to reflect our new address 23905 Freeway Park Drive Farmington Hills, MI 48335

Amount Due	2,812.50
Sales Tax:	0.00
Taxable Amount:	0.00
Non-Taxable Amount:	2,812.50



Oakland-Macomb Interceptor Drain Drainage District c/o Oakland County Water Resources Commisioner One Public Works Drive Waterford, MI 48328 248-858-0958 Invoice Date: 6/3/2021
Jacobs Project Number: 697317CH
Sequential Invoice Number: 31
Jacobs Invoice Number: 697317CH031

82912 - 149662- 730639 - 5216 - 1-3275 Ch 21 - std v#20192 exp. 5/15/20 li#439942

# INVOICE

# OMIDDD System-wide Odor/Corrosion Study

This invoice includes labor and expenses for the period From April 3, 2021 through May 28, 2021

Authorized Amount \$ 566,447.00
Current Invoice \$ 35,354.19
Total Invoiced to Date \$ 566,051.34
Remaining Budget \$ 395.66

Total Amount Due \$ 35,354.19

# **STATUS OF PREVIOUS INVOICES**

<u>Date</u>	Invoice Number	Sequential Invoice Number	Invoiced Amount	Paid Date	Paid Amount	Amount Outstanding
09/27/2018	381161194	1	\$35,231.70	11/14/2018	\$35,231.70	\$0.00
11/07/2018	697317CH001	2	\$18,104.11	12/06/2018	\$18,104.11	\$0.00
11/13/2018	697317CH002	3	\$11,916.34	12/24/2018	\$11,916.34	\$0.00
12/17/2018	697317CH003	4	\$17,294.97	01/29/2019	\$17,294.97	\$0.00
01/09/2019	697317CH004	5	\$11,205.83	01/24/2019	\$11,205.83	\$0.00
02/15/2019	697317CH005	6	\$14,963.22	03/27/2019	\$14,963.22	\$0.00
03/11/2019	697317CH006	7	\$23,348.82	03/27/2019	\$23,348.82	\$0.00
04/17/2019	697317CH008	8	\$21,792.04	05/17/2019	\$21,792.04	\$0.00
05/21/2019	697317CH009	9	\$10,413.99	06/28/2019	\$10,413.99	\$0.00
06/05/2019	697317CH010	10	\$14,856.85	07/31/2019	\$14,856.85	\$0.00
08/13/2019	697317CH011	11	\$64,654.11	08/30/2019	\$64,654.11	\$0.00
09/17/2019	697317CH012	12	\$25,928.19	10/31/2019	\$25,928.19	\$0.00
10/21/2019	697317CH013	13	\$22,538.94	11/27/2019	\$22,538.94	\$0.00
11/04/2019	697317CH014	14	\$8,692.74	12/06/2019	\$8,692.74	\$0.00
12/04/2019	697317CH015	15	\$12,547.23	01/23/2020	\$12,547.23	\$0.00
01/10/2020	697317CH016	16	\$27,522.34	03/16/2020	\$27,522.34	\$0.00
01/31/2020	697317CH017	17	\$13,617.64	03/16/2020	\$13,617.64	\$0.00
03/02/2020	697317CH018	18	\$11,928.66	04/01/2020	\$11,928.66	\$0.00
04/03/2020	697317CH019	19	\$14,163.86	04/21/2020	\$14,163.86	\$0.00
05/08/2020	697317CH020	20	\$21,634.51	06/09/2020	\$21,634.51	\$0.00
06/04/2020	697317CH021	21	\$24,631.95	07/16/2020	\$24,631.95	\$0.00
07/08/2020	697317CH022	22	\$22,988.97	09/26/2020	\$22,988.97	\$0.00
08/04/2020	697317CH023	23	\$6,484.91	09/26/2020	\$6,484.91	\$0.00
08/31/2020	697317CH024	24	\$11,920.40	09/26/2020	\$11,920.40	\$0.00
10/09/2020	697317CH025	25	\$19,230.12	11/05/2020	\$19,230.12	\$0.00
11/05/2020	697317CH026	26	\$8,271.96	03/02/2021	\$8,271.96	\$0.00
12/07/2020	697317CH027	27	\$4,987.01	01/14/2021	\$4,987.01	\$0.00
01/12/2021	697317CH028	28	\$8,454.69	02/11/2021	\$8,454.69	\$0.00
02/02/2021	697317CH029	29	\$8,896.37	03/02/2021	\$8,896.37	\$0.00
04/09/2021	697317CH030	30	\$12,474.68	04/27/2021	\$12,474.68	\$0.00
•	TOTAL OUTSTAND	ING AMOUNT			•	\$0.00

Payment terms: 30 NET

To ensure accurate posting, please note the invoice number on your check.

Electronic payment details:

Beneficiary Bank: Bank of America

Account Name: CH2M HILL Engineers, Inc.
Transit for ACH: 111000012

Transit for Wires: **026009593**Account No (USD): **4451457732**SWIFT: **BOFAUS3N** 

Checks payable to:

CH2M HILL ENGINEERS, INC. P.O. Box 5018713

St. Louis, MO 63150-8713 Lockbox Number: 18713

# KOTZ SANGSTER WYSOCKI P.C.

Attorneys and Counselors at Law 400 Renaissance Center, Suite 3400 Detroit, MI 48243 Phone: (313) 259-8300

TIN: 38-2208205

Oakland-Macomb Interceptor Drainage District One Public Works Drive, #95 West Waterford MI 48328 Page: 1 December 08, 2020 7163-120M

Invoice #: 490395

Rate

Hours

4/27/21 MK

82912 - 155010 - 731073 - 4773- Ch21-VID:7862 LI#37712 Exp: 6/22/21

Fraser Sinkhole

AIG MATTER NUMBER: OSOS037WB
AIG MATTER NAME: MIDDD V OMIDDD

<u>Timekeeper</u> Jeffrey M. Sangster

Yasir Muhammad

Claim No: 6162953569US

# Legal services rendered through 11/30/2020:

40/04/0000				
10/01/2020 YM YM	Review of settlement agreement. Outline relevant potential issues.	200.00 200.00	1.30 2.20	
YM	Internal/client correspondence regarding potential issues and concerns	200.00	0.40	
10/06/2020				
JMS	Review and analysis of Settlement Agreement, calls and correspondence with client regarding			
	same	320.00	2.40	
YM	Calls with carrier and co-counsel regarding Settlement Agreement; preparation for call	200.00	1.80	
10/07/2020				
JMS	Telephone call with insurance agent regarding expert reports	320.00	0.30	
10/08/2020 JMS	Correspondence to team regarding Settlement Agreement	320.00	0.20 8.60	2,068.00



16142 Collection Center Drive Chicago, IL 60693-0002 (877) 759-4365

4900 Invoice # Page 1 of 1 Account Number Date OAKLINT-01 6/4/2021 BALANCE DUE ON 6/26/2021 AMOUNT PAID Amount Due \$125,000.00

Payment Methods:

ACH/Wire Information

Bank of America

Acct Name: Meadowbrook Inc. Acct Number: 5401978514 ACH: Acct ABA #: 071000039 Wire: Acct ABA #: 026009593

Make checks payable to: Meadowbrook Insurance Agency

Oakland-Macomb Interceptor Drain **Drainage District** ATTN: Sid Lockhart Building 95 West, One Public Works Dr Waterford, MI 48328

Administrative Service Fee

Policy Number OCIPADMINFEE

Effective: 7/1/2021 to 7/1/2022

Item #	Trans Eff Date	Due Date	Trans	Description	Amount
218175	6/26/2020	6/26/202	1 NEWB	2021 to 2022 Administrative Service Fee Annual Installment	\$125,000.00

\$125,000.00 Total Invoice Balance:

Payment due upon receipt.

82912-149667-730940-4724-1-3020-Ch 21 67%

82912-149667-730940-4724-1-3019-Ch 21 33%



16142 Collection Center Drive Chicago, IL 60693-0002 (877) 759-4365

Invoice # 5518	Page 1 of 1
Account Number	Date
OAKLINT-01	6/7/2021
BALANCE DUE ON	
6/16/2021	
AMOUNT PAID	Amount Due
	\$56,865.00

Payment Methods:

ACH/Wire Information

Bank of America

Acct Name: Meadowbrook Inc.
Acct Number: 5401978514
ACH: Acct ABA #: 071000039
Wire: Acct ABA #: 026009593

Make checks payable to:

Meadowbrook Insurance Agency

Oakland-Macomb Interceptor Drain **Drainage District (OMIDD)** 

**Attn: Joel Brown** 

Building 95 West, One Public Works Dr Waterford, MI 48328

**Project: Northeast Sewage Pump Station** 

NESPS Safety Consultant & Administration Policy Number OCIPNESPSADMIN19 Effective: 9/20/2020 to 9/20/2021

Item #	Trans Eff Date	Due Date	Trans	Description	Amount
256106 268496	6/7/2021 6/7/2021	6/16/2021 6/16/2021	RENB RENB	4 of 4 Quarterly Installments OMIDD CSC - Overtime from May 31, 2020 to April 3, 2021 (149 Hrs @ Standard Rate \$85.00/Hr)	\$44,200.00 \$12,665.00

Total Invoice Balance: \$56,865.00

Payment due upon receipt.

84917 - 6010101 - 149015 - 730940 - 4727 - 1-3309 - Ch. 21



INVOICE NO. 1811-29

DATE: June 2, 2021

METCO PROJECT NO. 1811

INVOICE PERIOD: thru 5/30/2021

Contract ID 000000000000000000005517

Vendor ID 0000020486

TO: OMIDD

Water Resources Commissioner One Public Works Drive Waterford, MI 48328

Attn: Mr. Sid Lockhart, PE

Deputy Chief Engineer/Special Projects Manager

#### TITLE: OMID & NESPS Operation and Maintenance

#### **Operational Plan**

#### OMID Operations - Fund 82912, Program 149130, Account 730373 (3.1-3.4A & 3.4B)

<u>Name</u>	<u>Title</u>	<u>Hrs.</u>	<u>R</u>	ate/Hr.	<u>Amount</u>
Raj Vijayendran, PE	Principal Engineer	0.0	\$	215.00	\$ -
Terry Moore	Operations Manager	40.0	\$	145.00	\$ 5,800.00
Rosana Santos	Administrative Assoc.	0.0	\$	73.79	\$ 
		Subtotal OMID Operatons:		\$ 5,800.00	

#### NEPS Operations - Fund 82912, Program 149090, Account 730373 (3.1-3.4A & 3.4B)

<u>Name</u>	<u>Title</u>	Hrs.	1	Rate/Hr.	<u>Amount</u>
Raj Vijayendran, PE	Principal Engineer	16.0	\$	215.00	\$ 3,440.00
Terry Moore	Operations Manager	40.0	\$	145.00	\$ 5,800.00
Darrin Green	Staff Engineer	0.0	\$	90.00	\$ -
Rosana Santos	Administrative Assoc.	4.0	\$	73.79	\$ 295.16
		Subtotal NEPS Operations		\$ 9,535.16	
		Subtotal Operations			\$ 15,335.16

#### Maintenance & Asset Management

#### OMID Maintenance – Fund 82912, Program 149130, Account 730646 (3.2-3.3-3.4C & ALLOWANCE)

<u>N</u>	<u>ame</u>	<u>Title</u>		Hrs.		Rate/Hr.		<u>Amount</u>
Terry Moore		Operations Manager		40.0	\$	145.00	\$	5,800.00
Anthony Vozz	a	Staff Engineer		0.0	\$	90.00	\$	-
			Su	htotal O	MID Ma	intenance:	Ċ	5 800 00

#### NEPS Maintenance - Fund 82912, Program 149090, Account 730646 (3.2-3.3-3.4C & ALLOWANCE)

<u>Name</u>	<u>Title</u>	Hrs.	Rate/Hr.	<u>Amount</u>
Raj Vijayendran, PE	Principal Engineer	40.0	\$ 215.00	\$ 8,600.00
Terry Moore	Operations Manager	40.0	\$ 145.00	\$ 5,800.00
Terry Moore	Operations Manager (Overtime)	21.0	\$ 195.00	\$ 4,095.00
Daniel Martel	Sr. Project Coordinator	2.0	\$ 145.00	\$ 290.00
Sean Grant	Sr. Project Engineer	0.0	\$ 145.00	\$ -
Travis Ford	Sr. Project Engineer	34.0	\$ 145.00	\$ 4,930.00
Shailesh Patel	Sr. Project Engineer	14.0	\$ 145.00	\$ 2,030.00
Darrin Green	Staff Engineer	140.0	\$ 90.00	\$ 12,600.00
Darrin Green	Staff Engineer-(Overtime)	8.5	\$ 135.00	\$ 1,147.50
Anthony Vozza	Staff Engineer	144.0	\$ 90.00	\$ 12,960.00
Anthony Vozza	Staff Engineer-(Overtime)	6.5	\$ 135.00	\$ 877.50
Christian Hatchett	Staff Engineer	64.0	\$ 45.00	\$ 2,880.00
Sweta Soni	Designer/Drafter	10.0	\$ 85.00	\$ 850.00
			Subtotal:	\$ 57 060 00

Maintenance Services (see attached invoices): \$ 1,690.30

Subtotal NEPS Maintenance: \$ 58,750.30

Subtotal Maintenance: \$ 64,550.30

#### Task 6.0 NEXGEN Asset Management Implementation Services - #1-2842 Fund 82912, Program 149662, Account 731444 ENGCON

<u>Name</u>	<u>Title</u>	Hrs.	<u>R</u>	ate/Hr.	<u>Amount</u>
Raj Vijayendran, PE	Principal Engineer	0.0	\$	215.00	\$ -
Terry Moore	Operations Manager	2.0	\$	145.00	\$ 290.00
Terry Moore	Operations Manager (Overtime)	0.0	\$	195.00	\$ -
Sean Grant	Sr. Project Engineer	23.0	\$	145.00	\$ 3,335.00
Darrin Green	Staff Engineer	15.0	\$	90.00	\$ 1,350.00
Darrin Green	Staff Engineer-(Overtime)	0.0	\$	135.00	\$ -
Anthony Vozza	Staff Engineer	0.0	\$	90.00	\$ -
Abhishek Shah	Staff Engineer	130.0	\$	90.00	\$ 11,700.00
Brandon Brochue	Designer/Drafter	0.0	\$	85.00	\$ -
			Sul	ototal 6.0:	\$ 16,675.00

#### Task 12.0 - As-Needed Services

Additional General/Excess Liability Insurance Fee: \$ -

Subtotal 12.0: \$ -

TOTAL AMOUNT DUE THIS INVOICE: \$ 96,560.46



9440 GRINNELL DETROIT, MI 48213-1151 PHONE (313) 921-5300 FAX (313) 921-5310 "AN EQUAL OPPORTUNITY EMPLOYER"

OMID

ONE PUBLIC WORKS DRIVE, BUILDING 95

WATERFORD, MI 48328-

Customer PO Number

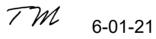
Job	Sub	Contract	Date	Application	
Number	Job	Number	Performed	Date	Number
921567	0	001	4/23/2021	6/1/2021	93682

SID LOCKHART

Item No	Description of Work		Contract	Previous	Current	To Date	Balance	Current
			Amount	Billings	Amount	Complete & Stored	To Finish	Retainage
001	NESP SCADA CUTOVER		\$773.93	-	\$773.93	\$773.93	-	-
		Totals:	\$773.93		\$773.93	\$773.93		
		Less Retained: Invoice Total:			- \$773.93			

WORK PERFORMED BY ROTOR ELECTRIC 4/23/2021

82912 - 6010101 - 149130 - 730660 - 5469 - Ch. 21 - v# 7755 - li# 41132 - exp. 7/30/21





9440 GRINNELL DETROIT, MI 48213-1151 PHONE (313) 921-5300 FAX (313) 921-5310 "AN EQUAL OPPORTUNITY EMPLOYER"

OMID

ONE PUBLIC WORKS DRIVE, BUILDING 95

WATERFORD, MI 48328-

Customer PO Number

Job	Sub	Contract	Date	Application	
Number	Job	Number	Performed	Date	Number
921567	0	001	5/5/2021	6/1/2021	93683

SID LOCKHART

Ite	em No	Description of Work		Contract	Previous	Current	To Date	Balance	Current
				Amount	Billings	Amount	Complete & Stored	To Finish	Retainage
	001	NESP SCADA CUTOVER		\$154.00	-	\$154.00	\$154.00	-	-
			Totals:	\$154.00		\$154.00	\$154.00		
			Less Retained: Invoice Total:			- \$154.00			

AS NEEDED ELECTRICAL AND ENGINEERING SERVICE

82912 - 6010101 - 149130 - 730660 - 5469 - Ch. 21 - v# 7755 - li# 41132 - exp. 7/30/21

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

TM 6-01-21

WORK PERFORMED 5/5/2021



9440 GRINNELL
DETROIT, MI 48213-1151
PHONE (313) 921-5300 FAX (313) 921-5310
"AN EQUAL OPPORTUNITY EMPLOYER"

**INVOICE** 

OMID

ONE PUBLIC WORKS DRIVE, BUILDING 95

WATERFORD, MI 48328-

Customer PO Number

Job	Sub	Contract	Date	Application	
Number	Job	Number	Performed	Date	Number
921567	0	001	5/14/2021	6/1/2021	93684

SID LOCKHART

Item No	Description of Work		Contract	Previous	Current	To Date	Balance	Current
			Amount	Billings	Amount	Complete & Stored	To Finish	Retainage
001	NESP SCADA CUTOVER		\$192.50	-	\$192.50	\$192.50	-	-
		Totals:	\$192.50		\$192.50	\$192.50		
		Less Retained: Invoice Total:			- \$192.50			

AS NEEDED ELECTRICAL AND ENGINEERING SERVICE

82912 - 6010101 - 149130 - 730660 - 5469 - Ch. 21 - v# 7755 - li# 41132 - exp. 7/30/21

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

WORK PERFORMED 5/14/2021

TM

6-01-21



9440 GRINNELL
DETROIT, MI 48213-1151
PHONE (313) 921-5300 FAX (313) 921-5310
"AN EQUAL OPPORTUNITY EMPLOYER"

**INVOICE** 

OMID

ONE PUBLIC WORKS DRIVE, BUILDING 95

WATERFORD, MI 48328-

Customer PO Number

Job	Sub	Contract	Date	Application	
Number	Job	Number	Performed	Date	Number
921567	0	001	5/19/2021	6/1/2021	93685

SID LOCKHART

Item No	Description of Work		Contract	Previous	Current	To Date	Balance	Current
			Amount	Billings	Amount	Complete & Stored	To Finish	Retainage
001	NESP SCADA CUTOVER		\$508.28	-	\$508.28	\$508.28	-	-
		Totals:	\$508.28		\$508.28	\$508.28		
		Less Retained: Invoice Total:			- \$508.28			

MATERIAL ONLY

82912 - 6010101 - 149130 - 730660 - 5469 - Ch. 21 - v# 7755 - li# 41132 - exp. 7/30/21

TM 6-01-21



#### 84917 - 6010101 - 149015 - 731444 - 2603 - 1-3308- ch 21 v#4716 - li#24138 - exp. 13/31/21

**OMI Drain Drainage District** One Public Works Drive **Building 95 West** Waterford, MI 48328

Invoice Group : \*\* Invoice Date : 6/2/2021

Project: 61-200186

Invoice #: 6

**Attentior Sid Lockhart** 

For Professional Services Rendered from

4/24/2021 - 5/21/2021

Provide Engineering Services for OMID NI-EA Contract No.1 PCI-4 Rehabilitation Project and CS-9 Gate Installation Project D-425

Task 01 NI-EA OMID Contract No. 1 CCA \$2,265,847.00 Task 02 OMID CS-9 Gate CCA \$217,468.00 \$2,483,315.00 Preliminary Budget Amount Percent Complete: 13.22%

Analysis of Costs		This Invoice		Cumulative
Direct Salaries		\$ 13,295.17	\$	59,662.45
Overhead %	188.00	\$ 24,994.92		112,165.41
Total Regular Labor Expense		38,290.09		171,827.86
Premium Labor Cost		 0		0
Total Direct Labor		38,290.09		171,827.86
Profit / Fixed Fee %	12.00	4,594.81		20,619.34
Direct Expenses Charge		422.12		910.37
Expense Multiplier %	5.00	21.11		45.52
Direct Subcontractor Charge		45,543.88		127,249.39
Subcontractor/Subconsultant Multiplier %	6.00	2,732.65		7,634.99
Direct Unit Rate Charge		0.00		0.00
Total Other Direct Charges Reimbursables		48,719.76		135,840.27
Total Costs:		91,604.66		328,287.46
Total Due This Invoice	:	\$ 91,604.66	<u>\$</u>	328,287.46



# 84917-6010101 - 149015 - 731458 - 2603 - 1-3309- ch 21 - engcon v#4716 - li#24138 - exp. 13/31/21

OMI Drain Drainage District One Public Works Drive Building 95 West Waterford, MI 48328 Invoice #: 8
Project: 61-200280
Invoice Group: CMT
Invoice Date: 6/2/2021

**Attentior Sid Lockhart** 

For Professional Services Rendered from

4/24/2021 - 5/21/2021

Provide Engineering and Consulting Services regarding NESPS Pumping and Electrical System Upgrade (D-421)

 Task 01
 CMT Services
 \$130,138.00

 Preliminary Budget Amount
 \$130,138.00

 Percent Complete:
 43.79%

Analysis of Costs		This Invoice	Cumulative
Direct Salaries	\$	1,657.92	\$ 14,574.80
Overhead %	188.00 \$	3,116.89	27,400.63
Total Regular Labor Expense		4,774.81	41,975.43
Premium Labor Cost		0	0
Total Direct Labor		4,774.81	41,975.43
Profit / Fixed Fee %	12.00	572.98	5,037.05
Direct Expenses Charge		671.42	9,500.95
Expense Multiplier %	5.00	33.58	475.05
Direct Subcontractor Charge		0.00	0.00
Subcontractor/Subconsultant Multiplier %	6.00	0.00	0.00
Direct Unit Rate Charge		0.00	0.00
Total Other Direct Charges Reimbursables		705.00	9,976.00
Total Costs:		6,052.79	56,988.48
Total Due This Invoice	<u>\$</u>	6,052.79	\$ 56,988.48



# 84917 - 6010101 - 149015 - 730639 - 2603 - 1-3308 - Ch.21 v#4716 - Ii#24138 - exp. 13/31/21

**OMI Drain Drainage District** One Public Works Drive **Building 95 West** Waterford, MI 48328

Invoice #: 24 Project: 61-190078 Invoice Group : NI-EA Invoice Date : 6/2/2021

Attention: Sid Lockhart

For Professional Services Rendered from 4/24/2021 - 5/21/2021

Engineering Design Services for Rehabilitation of NI-EA Sections PCI-4

Task 01	Project Management	\$276,159.00
Task 02	Condition Assessment	\$241,609.00
Task 03	Subsurface Utility Engineering	\$65,579.00
Task 04	Basemap Survey	\$89,327.00
Task 05	Geotechnical Investigation	\$134,797.00
Task 05A	7-Mile Utility Exploration/Design	\$0.00
Task 05B	Additional Geotech for PCI-4 Shaft	\$0.00
Task 06	Environmental Study	\$60,642.00
Task 07	Basis of Design	\$379,785.00
Task 08	Rehabilitation Design	\$282,099.00
Task 09	Contract Drawings	\$235,070.00
Task 10	Contract Specifications	\$188,178.00
Task 11	Construction Costs	\$27,761.00
Task 12	Permits & Coordination	\$25,655.00
Task 13	Bidding Assistance	\$198,402.00
Task 14	Gate Automation	\$68,770.00

**Preliminary Budget Amount** \$2,273,833.00 Percent Complete: 82.09%

Analysis of Costs		This Invoice	Cumulative
Direct Salaries	\$	4,019.91	\$ 265,776.46
Overhead %	188.00	7,557.43	499,659.77
Total Regular Labor Expense	•••••	11,577.34	765,436.23
Premium Labor Cost		0	0
Total Direct Labor		11,577.34	765,436.23
Profit / Fixed Fee %	12.00	1,391.38	91,689.77
Direct Expenses Charge		28.57	27,090.83
Expense Multiplier %	5.00	1.43	1,354.59
Direct Subcontractor Charge		15,475.14	925,427.86
Subcontractor/Subconsultant Multiplier %	6.00	928.50	55,525.79
Direct Unit Rate Charge		0	0
Total Other Direct Charges Reimbursables		16,433.64	1,009,399.07
Total Costs:	_	29,402.36	1,866,525.07
Total Due This Invoice	<u>\$</u>	29,419.81	\$ 1,866,542.52



# 82912 - 6010101 - 149662 - 730639 - 2603 - 1-3015 - ch 21 - engcon v#4716 - li#24138 - exp. 13/31/21

OMI Drain Drainage District One Public Works Drive Building 95 West Waterford, MI 48328

Project: 61-190044 Invoice Group: REPAIRS Invoice Date: 6/2/2021

Invoice #: 28

**Attentior Sid Lockhart** 

For Professional Services Rendered from

04/24/2021 - 05/21/2021

OMID System Immediate Repairs

AMP/Inspection Reports (Task 01) \$4,587.37
Rehabilitation Design (Task 02) \$71,617.66
Construction Observation (Task 03) \$178,109.97
\$254,315.00

Analysis of Costs		This Invoice	Cumulative
Direct Salaries (Task 01 & 02)	\$	2,960.30	\$ 54,976.73
Overhead %	188.00	5,565.36	103,356.23
Total Regular Labor Expense		8,525.66	158,332.96
Premium Labor Cost		0	0
Total Direct Labor		8,525.66	158,332.96
Profit / Fixed Fee %	12.00	1,023.08	18,999.95
Direct Expenses Charge		82.85	3,614.76
Expense Multiplier %	5.00	4.15	230.76
Direct Subcontractor Charge		0.00	40,248.30
Subcontractor/Subconsultant Multiplier %	5.00	0.00	2,012.46
Direct Unit Rate Charge		0.00	0.00
Total Other Direct Charges Reimbursables		87.00	46,106.28
Total Costs:		9,635.74	223,439.19
Total Due This Invoice	\$	9,635.74	\$ 223,439.19



# 84915 - 149015 - 730639 - 2603 - 1-2232 Ch 21 - eng con v#4716 exp. 12/31/21 li#24138

OMI Drain Drainage District One Public Works Drive Building 95 West Waterford, MI 48328

Project: 61-150162 Invoice Group: NESPS CCA Invoice Date: 6/2/2021

Invoice #: 56

**Attentior Sid Lockhart** 

For Professional Services Rendered from

04/24/2020 - 05/28/2021

CCA and Construction Observation Services for the Emergency Rehabilitation of the NESPS Discharge Chamber

 CCA / Construction Observation (Task 01)
 \$437,458.04

 CIP Concrete Riser Substitution (Task 02)
 \$3,041.52

 Continuation of NESPS CCA (Task 03)
 \$522,070.69

 Continuation of GLWA Coordination (Task 04)
 \$41,800.92

 Sterling Heights Sewer Grout Investigation (Task 05)
 \$7,507.83

 Preliminary Budget Amount
 \$1,011,879.00

 Percent Complete:
 100.00%

Analysis of Costs	This Invoice		Cumulative
Direct Salaries	\$	375.69	\$ 248,011.38
Overhead %	188.00	706.30	466,261.38
Total Regular Labor Expense		1,081.99	714,272.76
Premium Labor Cost		0	0
Total Direct Labor		1,081.99	714,272.76
Profit / Fixed Fee %	12.00	129.84	85,712.82
Direct Expenses Charge		0.00	37,639.43
Expense Multiplier %	5.00	0.00	1,881.98
Direct Subcontractor Charge		2,842.82	159,702.86
Subcontractor/Subconsultant Multiplier %	5.00	142.15	7,985.16
Direct Unit Rate Charge		0.00	4,655.59
Total Other Direct Charges Reimbursables		2,984.97	211,865.02
Total Costs:	_	4,196.80	1,011,850.60
Total Due This Invoice	\$	4,196.80	\$ 1,011,850.60



28294 Beck Road Wixom, MI 48393 800-419-5199 FAX (248) 374-6402 www.PMTech.org

Conditions of Sale and Limitations of Liability are on back of invoice.

manufactures written warranty are the owner's responsibility to reimburse PM Technologies for reasonable costs incurred.

# **Invoice**

**Date** 

Invoice #

5/14/2021

0000151902

#### Bill To:

**County Of Oakland A Michigan Constitional Corp** 2100 Pontiac Lake Road Waterford MI 48328

#### **Site Address:**

Warranty Disclaimer: parts and labor not covered by the

**Northeast Sewage Pumping Station - Generator** 11001 East State Fair Detroit MI 48234

PO Number	Terms	Make		Model		Seria	Number
Per Jeff Contract	NET 30 DAYS	CAT/KATO	A269500000		CAT/KATO A269500000 13669-05		8669-05
wa KW	Parket of the first of the contract of the con		Remit To	<u></u>			
1825	2385 Wilshere Drive 1695 Dalton Drive Ne	Jenison, MI 49428 ew Carlisle, OH 45344	18% per year, unpaid balance due amounts				4 Beck Road om, MI 48393
	DESCRIPTIO	N		QTY	PRI	CE EACH	AMOUNT
Service Call - Disable fuel abor	remote box controller			1.00 1.00		185.00 115.00	185.00 115.00
5/7/21							
82912 - 6010101 - 149	090 - 730660 - 5821 - Ch	n. 21 - v#238 - li#42705 - ex	p. 6/28/22				
Visa, Master Card, Discover or A	American Express 3% processi	ing fee will be added to total over \$2	2.000 Su	btotal			\$300.0
				les Tax			\$0.0
Sign:		Inv #	Ba	lance D	ue		\$300.0
Card #:						Sandas monti	
Exp Date:	Security Code:		ifo				oned above only, will be invoiced



28294 Beck Road Wixom, MI 48393 800-419-5199 FAX (248) 374-6402 www.PMTech.org

# **Invoice**

Date

Invoice #

3/26/2021

0000144058

#### Bill To:

County Of Oakland A Michigan Constitional Corp 2100 Pontiac Lake Road Waterford MI 48328

#### Site Address:

NESPS Generator Control/ PLC Upgrades Rev D

PO Number	Terms	Make	N	Model		Seria	al Number
contract	NET 30 DAYS						
KW	PM Tech's C	Other Locations	A LATE FEE	of 1.5% per mo	nth,	Remit To	o:
		ve Jenison, MI 49428 New Carlisle, OH 45344	18% per year, of the unpaid balance unpaid balance will be added to past due amounts			94 Beck Road om, MI 48393	
	DESCRIPT	ION		QTY	PRIC	CE EACH	AMOUNT
Synchronizer Upgrade	Package - Materials			1.00		26,605.80	26,605.80

82912 - 6010101 - 149090 - 730660 - 5821 - Ch. 21 - v#238 - li#42705 - exp. 6/28/22

TM 6-4-21

Visa, Master Card, Discover or American Expr	ess 3% processing fee will be added to total over \$2,000	Subtotal	\$26,605.80
		Sales Tax	\$0.00
Sign:	Inv #	Balance Due	\$26,605.80
Card #: Secu	urity Code:	This Invoice if for the Services if other repair work was compseparately.	
On distance of Only and I hadrest and of I in	1.11t	. Disalainean, manta and laban n	

 $\label{lem:conditions} \mbox{ Conditions of Sale and Limitations of Liability are on back of invoice.}$ 

Warranty Disclaimer: parts and labor not covered by the

manufactures written warranty are the owner's responsibility to reimburse PM Technologies for reasonable costs incurred.

03559.01 - 11





Oakland County Water Resourses Commissioner

May 19, 2021 Invoice No:

Attn: Sid Lockhard, P.E.

One Public Works Drive Building 95-West

Waterford 48328

Project 03559.01 Oakland-Macomb Interceptor Drainage 2020

#### Professional Services from April 1, 2021 to April 30, 2021

#### **Professional Personnel**

		Hou	rs	Rate	Amount	
Zann, John		30.0	00	94.00	2,820.00	
	Totals	30.0	00		2,820.00	
	Total Labor					2,820.00
Additional Fees						
Overhead		149.10 % of 2,8	320.00		4,204.62	
Profit		10.00 % of 7,02	24.62		702.46	
	<b>Total Additional Fees</b>				4,907.08	4,907.08
Billing Limits		Current		Prior	To-Date	
Total Billings		7,727.08	75,	982.98	83,710.06	
Limit					450,000.00	
Remaining					366,289.94	
				Total this	Involos	¢7 727 00

Total this Invoice \$7,727.08

Please remit payment to PMA CONSULTANTS LLC, PO BOX 675234, DETROIT, MI 48267-5234. Please direct any questions regarding this invoice to Samantha Zeisler, Project Administrator, at 734-418-7897 or szeisler@pmaconsultants.com

84917 - 6010101 - 149015 - 731444 - 5158 - 1-3309 - ch21 - engcon - v#16918 - exp. 6/20/22

# Rotor Electric Company of Michigan, LLC.



9522 GRINNELL
DETROIT, MI 48213-1151
PHONE (313) 891-0331 FAX (313) 921-5310
"AN EQUAL OPPORTUNITY EMPLOYER"



OCWRC-WATERFORD 2636 DIXIE HWY WATERFORD TOWNSHIP, MI 48328Customer PO Number

Job	Sub	Contract	Date	Application	
Number	Job	Number	Performed	Date	Number
719706	0	001	4/26/2021	6/1/2021	12427

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	ELECTRICAL EQUIPMENT MAINTENANCE AND	\$75,709.31	-	\$75,709.31	\$75,709.31	-	-
	Totals:	\$75,709.31		\$75,709.31	\$75,709.31		
	Less Retained: Invoice Total:			- \$75,709.31			

**NESPS TEMPORARY GENERATOR** 

82912 - 6010101 - 149090 - 730660 - 5807 - Ch. 21 - v#22125 - li#42614 - exp. 6/28/22

CONNECTION INSTALLATION

GBP NO. 19-3207

# Rotor Electric Company of Michigan, LLC.



9522 GRINNELL
DETROIT, MI 48213-1151
PHONE (313) 891-0331 FAX (313) 921-5310
"AN EQUAL OPPORTUNITY EMPLOYER"



OMID

1 PUBLIC WORKS DRIVE WATERFORD, MI 48328Customer
PO Number
Professional Services Contrac

Job	Sub	Contract	Date	Application	
Number	Job	Number	Performed	Date Number	
719707	0	001	3/30/2021	6/1/2021	12428

JOEL BROWN

Item No	Description of Work	Contract	Previous	Current	To Date	Balance	Current
		Amount	Billings	Amount	Complete & Stored	To Finish	Retainage
001	SWITCHGEAR MAINTENANCE AND TESTING	\$18,272.59	-	\$18,272.59	\$18,272.59	-	-
	Totals:	\$18,272.59		\$18,272.59	\$18,272.59		
	Less Retained: Invoice Total:			- \$18,272.59			

MULTIPLE WORK

82912 - 6010101 - 149090 - 730660 - 5807 - Ch. 21 - v#22125 - li#42614 - exp. 6/28/22

complete electrical construction

# Oakland-Macomb Interceptor Drain Drainage District

Regular Meeting – Wednesday June 16, 2021

# Agenda Item No. 14

Location of Next Meeting

# Oakland-Macomb Interceptor Drain Drainage District

Regular Meeting – Wednesday June 16, 2021

# Agenda Item No. 15

Other Business

# Oakland-Macomb Interceptor Drain Drainage District

Regular Meeting – Wednesday June 16, 2021

# Agenda Item No. 16

Adjourn