

AGENDA

Oakland-Macomb Interceptor Drain Drainage Board
Macomb and Oakland Counties

July 19, 2023 – 11:30 a.m.

Office of the Macomb County Public Works Commissioner
21777 Dunham Road, Clinton Township, Michigan, and Microsoft Teams

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 July 19, 2023
3. Motion to approve the Drainage District Board Meeting Minutes from June 21, 2023
4. Public Comment
5. Present Memorandum regarding the Great Lakes Water Authority (GLWA) Highland Park Bad Debt Recovery Credits Methodology
6. Motion to approve the following Change Orders:
 - a) Walsh Construction Change Order No. 34 for the NESPS Pump & Electrical Upgrades Project for a net increase in the amount of \$25,712.22
7. Motion to approve the following Construction Estimates:
 - a) Construction Estimate No. 33 for Walsh Construction for NESPS Pump & Electrical Upgrades Project (GMP Phase) in the amount of \$590,751.65 with a transfer to the Oakland County Treasurer in the amount of \$343.72
 - b) Construction Estimate No. 28 for Marra Services for NI-EA Contract No. One for PCI 4 Rehabilitation in the amount of \$229,200.00
8. Status of OMID Repairs Project
9. Financial Reports – General Financial Report and Status of State Revolving Fund Financing and Other Financing
10. Motion to approve the following invoices:
 - 1) Labor/Fringes/Non-Direct Labor Factor
 - Segment 5 NI-EA Construction \$ 10,889.65
 - Segment 5 NESPS Mech./Elect. Construction \$ 18,015.32
 - 2) Equipment Charges
 - Segment 5 NI-EA Construction \$ 464.07
 - Segment 5 NESPS Mech./Elect. Construction \$ 988.73

a) ASI			
1) Invoice No. 51-8438	NESPS	\$	94,685.46
	O&M	\$	14,689.50
2) Invoice No. 51a-8439	O&M	\$	961.13
b) Clark Hill			
Invoice No. 1323246	NI-EA	\$	1,782.00
c) Jacobs			
Invoice No. C6A19900-09	O&M	\$	66,665.76
d) Metco			
Invoice No. 1811-54	O&M	\$	82,069.73
e) NTH Consultants, Ltd			
1) Consulting Services 2021 OMID System Inspection			
Invoice No. 633225	O&M	\$	788.52
2) OMID System Immediate Repairs			
Invoice No. 633226	O&M	\$	484.49
3) Engineering Design Services Rehabilitation of NI-EA Sections PCI-4			
Invoice No. 633227	NI-EA	\$	4,928.20
4) NESPS Pumping and Electrical Systems Upgrade			
Invoice No. 633228	NESPS	\$	423.98
f) PMA Consultants			
Invoice No. 3559.01-36	NI-EA	\$	17,481.84
g) Rotor Electric			
1) Invoice No. 12601	O&M	\$	594.00
2) Invoice No. 12602	O&M	\$	7,233.28
3) Invoice No. 12603	O&M	\$	10,168.00
4) Invoice No. 12612	O&M	\$	2,738.50
5) Invoice No. 12613	O&M	\$	3,662.50
6) Invoice No. 12614	O&M	\$	1,024.63
7) Invoice No. 12615	O&M	\$	5,420.50
8) Invoice No. 12616	O&M	\$	9,208.30
9) Invoice No. 12617	O&M	\$	3,223.00
10) Invoice No. 12618	O&M	\$	4,248.50
11) Invoice No. 12619	O&M	\$	2,548.00
12) Invoice No. 12620	O&M	\$	2,957.51
13) Invoice No. 12621	O&M	\$	732.50
14) Invoice No. 12622	O&M	\$	732.50
15) Invoice No. 12623	O&M	\$	732.50
16) Invoice No. 12624	O&M	\$	1,025.50
17) Invoice No. 12625	O&M	\$	732.50

11. Other Business

12. Adjourn

Next Regular Meeting: August 16, 2023, at 11:30 a.m., Eastern Standard Time.

Agenda Item No. 3

Board Meeting Minutes from June 21, 2023

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

June 21, 2023

Minutes of the regular meeting of the Drainage Board of the Oakland-Macomb Interceptor Drain Drainage District held at the Northeast Sewage Pumping Station, 11001 E. State Fair St., Detroit, Michigan on the 21st day of June at 11:30 a.m. Eastern Standard Time and via Microsoft Teams.

PRESENT:

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

OTHERS PRESENT:

Representing the office of the Macomb County Public Works Commissioner: Stephen Downing. Representing the office of the Oakland County Water Resources Commissioner: Steve Korth, Sid Lockhart, Joel Brown, Evans Bantios, Megan Koss, and Stephanie Lajdziak. Others in attendance: Fritz Klingler, FK Engineering; Darrin Green, Raj Vijayendran and Terry Moore, Metco; Jeff Ragle and Shawn Phelps, OC Fiscal Services; Larry Gilbert, Michelle Kitinger, Dan Martel, and Saju Sachidanandan, NTH Consultants; John Axe and Joe Colaianne, Clark Hill; John Michalski, ASI; Brady Harrington and Joseph Brezvai, MDARD; Steven Burke, Municipal Financial Consultants; Dave Pauline, Walsh Construction; Phillip Anderson, Sal Saputo, and Patrick Kennedy, Meadowbrook Insurance.

1. Call meeting to order.

Chairperson Gregg called the meeting to order at 11:45 a.m.

2. Agenda.

Motion by Vaara, supported by Baker to approve the June 21, 2023, agenda as presented.

ADOPTED: Yeas - 3
 Nays - 0

3. Minutes.

Motion by Baker, supported by Vaara, to approve the minutes of the May 17, 2023, meeting.

ADOPTED: Yeas - 3
 Nays - 0

4. Public Comment.

None.

5. Meadowbrook Insurance Group NESPS/NI-EA Property and Pollution Insurance Renewal

Mr. Saputo presented to the Board a very thorough overview of both the property and pollution liability renewals for NESPS & NIEA. Mr. Saputo reviewed the proposal,

focusing on the premium summary and noted that the deductible is lower than the Drainage District's policy. Mr. Saputo detailed renewal quotations by carrier, including deductible options. Discussion ensued amongst the Board and meeting participants. It was recommended that the Board approve the property insurance policy with ACE American Insurance Co. for \$318,048.00 and the pollution liability policy with AIG Specialty Insurance Company for \$15,905.95.

Motion by Vaara, supported by Baker, to authorize the binding of the NESPS/NI-EA Property and Pollution insurance renewal as presented.

ADOPTED: Yeas - 3
Nays - 0

6. Engineering Work Orders

The following Engineering Work Orders were submitted to the Board for approval:

- a) NTH for NI-EA Contract 2: PCI-18 and PCI-19 Rehabilitation Project Construction Contract Administration Services to increase contract #2603 by a not-to-exceed amount of \$1,873,563 and extend contract #2603 for an additional two years. Motion by Vaara, supported by Baker, to approve Engineering Work Order D-458(3) as presented.

ADOPTED: Yeas - 3
Nays - 0

- b) NTH for Additional NESPS Maintenance Engineering Support Services for the CS-9 Emergency Bypass System to increase contract #2603 by a not-to-exceed amount of \$15,146 to complete design documents and required easement coordination. Motion by Vaara, supported by Baker, to approve Engineering Work Order D-459(2) as presented.

ADOPTED: Yeas - 3
Nays - 0

- c) NTH for NI-EA Contract 1: PCI-4 Rehabilitation Project Additional Construction Contract Administration Services to increase contract # 2603 by a not-to-exceed amount of \$493,647 for additional CCA services due to construction delay. Motion by Vaara, supported by Baker, to approve Engineering Work Order D-457(1) as presented.

ADOPTED: Yeas - 3
Nays - 0

7. Change Orders.

The following Change Orders were submitted to the Board for approval:

- a) Doetsch Industrial Services Change Order No. 6 for Construction of the OMID Immediate Repairs for a net decrease in the amount of \$246,220.30. Motion by Vaara, supported by Baker, to approve the Change Order as presented.

ADOPTED: Yeas - 3
Nays - 0

- b) Walsh Construction Change Order No. 33 for the NESPS Pump & Electrical Upgrades Project for a net increase in the amount of \$6,874.36. Motion by Vaara, supported by Baker, to approve the Change Order as presented.

ADOPTED: Yeas - 3
Nays - 0

8. Construction Pay Estimates.

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

- a) Final Construction Estimate for Doetsch Environmental Services for Localized Rehabilitation & Spot Repairs for PCI-5, 6, 7, 8, 9, 10A/B & 11A in the amount of \$79,086.00 with a reserve payment to the contractor in the amount of \$79,453.30. Motion by Vaara, supported by Baker, to approve the Construction Pay Estimate as presented.

ADOPTED: Yeas - 3
Nays - 0

- b) Construction Estimate No. 32 for Walsh Construction for NESPS Pump & Electrical Upgrades Project (GMP Phase) in the amount of \$304,953.84 with a transfer to the Oakland County Treasurer in the amount of \$66,886.71. Motion by Vaara, supported by Baker, to approve the Construction Pay Estimate as presented.

ADOPTED: Yeas - 3
Nays - 0

- c) Construction Estimate No. 27 for Marra Services for NI-EA Contract No. One for PCI-4 Rehabilitation in the amount of 403,747.56. Motion by Baker, supported by Vaara, to approve the Construction Pay Estimate as presented.

ADOPTED: Yeas - 3
Nays - 0

9. Report/Update – Status of OMI Project, Segments 1 through 4, NESPS and NI-EA.

Fritz Klingler of FK Engineering presented the Project Progress Update to the Board and summarized the status of various projects. Motion by Vaara, supported by Baker, to receive and file the report and summary.

ADOPTED: Yeas - 3
Nays - 0

10. Financial Reports.

Shawn Phelps presented the financial reports for Segments 1 through 5 and the NESPS. Motion by Baker, supported by Vaara, to receive and file the financial reports.

ADOPTED: Yeas - 3
Nays - 0

11. Invoices.

The following invoices were submitted to the Board for approval:

1) Labor/Fringes/Non-Direct Labor Factor			
• Segment 5 NI-EA Construction		\$	4,110.07
• Segment 5 NESPS Mech./Elect. Construction		\$	15,627.30
2) Equipment Charges			
• Segment 5 NI-EA Construction		\$	98.81
• Segment 5 NESPS Mech./Elect. Construction		\$	662.00
b) Clark Hill			
1) Invoice No. 1314150	NI-EA	\$	3,078.00
2) Invoice No. 1314069	O&M	\$	586.50
c) CSM			
1) Invoice No. 23-185.1	O&M	\$	27,805.20
2) Invoice No. 23-277	O&M	\$	3,820.00
d) Meadowbrook Insurance			
Invoice No. 12290	O&M	\$	125,000.00
e) Metco			
Invoice No. 1811-53	O&M	\$	61,851.31
f) NTH Consultants, Ltd			
1) Contract No. 1 PCI-4			
Invoice No. 632998	NI-EA	\$	114,579.76
2) Engineering Design Services Rehabilitation of NI-EA Sections PCI-4			
Invoice No. 632999	NI-EA	\$	8,848.66
3) Consulting Services 2021 OMID System Inspection			
Invoice No. 633000	O&M	\$	6,375.38
4) Rehabilitation Program 2021 Closeout Services			
Invoice No. 633001	O&M	\$	2,822.30
g) PM Technologies			
1) Invoice No. 80929225	O&M	\$	527.50
2) Invoice No. 80992945	O&M	\$	527.50
m) PMA Consultants			
Invoice No. 03559.01-35	O&M	\$	20,495.95

Motion by Vaara, supported by Baker, to approve the invoices as presented.

ADOPTED: Yeas - 3
Nays - 0

12. Other Business.

Joe Colaianne provided the Board with an update on the status of bonds for the Drainage District. He advised that due to the structure of the bonds, the two counties and the district

must be qualified by the Treasury to issue securities. At this time, the County of Oakland is not qualified, therefore the bond sale cannot proceed until the qualified status is confirmed with the Treasury. He noted that the sale can be delayed 30-45 days due the number of pre-payments that have been received (about 60%). Mr. Colaianne advised that he does not see an issue with Oakland County gaining their qualified status and due to the lengthy bidding process, he recommends proceeding with the award of the contract and estimates closing on the bonds in August 2023.

Motion by Baker, supported by Vaara to authorize the award of the construction contract Z Contractors Inc. prior to the contract hold period expiration of June 29 to prevent rebidding the project and recognizing the delay in issuing the OMIDD bonds to finance the balance of the project.

ADOPTED: Yeas - 3
Nays - 0

13. Adjourn.

Motion by Vaara, supported by Baker, to adjourn the June 21, 2023, meeting at 12:58 p.m.

ADOPTED: Yeas - 3
Nays - 0

Next Regular Meeting: *Office of the Macomb County Public Works Commissioner, 21777 Dunham Road, Clinton Township, Michigan* and electronically at 11:30 a.m., Eastern Standard Time on July 19, 2023.

I hereby certify that the foregoing constitutes the minutes of the Drainage Board for the Oakland-Macomb Interceptor Drain Drainage District, at a meeting held on June 21, 2023 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 21st day of June 2023.



Anne Vaara, Acting Secretary
Oakland-Macomb Interceptor Drain Drainage Board

Agenda Item No. 4

Public Comment

Agenda Item No. 5

GLWA/Highland Park Bad Debt Recovery



Oakland-Macomb Interceptor Drain Drainage District

TO: Mike Gregg, Chairman
Oakland-Macomb Interceptor Drain Drainage District (OMIDDD)

FROM: Raphael Chirolla; Financial Services OCWRC
Bruce Manning, Financial Manager MCPWO

SUBJECT: GLWA Highland Park Bad Debt Recovery Credits Methodology

DATE: July 19, 2023

The City of Highland Park currently owes GLWA \$55 million in unpaid water and sewer bills dating back nearly 15 years. GLWA recently recovered \$1 million from the City of Highland Park as part of mediation with the State of Michigan. GLWA member partners have been charged by GLWA a share of bad debt associated with Highland Park unpaid bills. On June 28, 2023, GLWA approved applying the \$1 million recovered as a credit to member partners' water and sewer bills based on a pro-rata share methodology. GLWA plans to process future recovered amounts using the same methodology. OMID's portion is \$202,900 of the \$1,000,000 recovered.

The GLWA resolution along with supporting documentation is included.

Recommended Action #1: We recommend the board approve passing on this credit to the COSDS and MIDD. Further, Macomb and Oakland Counties will agree on a method to apportion the credit between COSDS and MIDD and present to this Board for approval.

Title

Resolution Regarding Approval of the Highland Park Bad Debt Recovery Credits Methodology and Approval of Schedule of Member Partner Bad Debt Recovery Credits #2023-1 Totaling \$1,000,000

Body

Agenda of: June 28, 2023
Item No.: **2023-234**
Amount: \$1,000,000

TO: The Honorable
Board of Directors
Great Lakes Water Authority

FROM: Suzanne R. Coffey, P.E.
Chief Executive Officer
Great Lakes Water Authority

DATE: June 28, 2023

RE: Resolution Regarding Approval of the Highland Park Bad Debt Recovery Credits Methodology and Approval of Schedule of Member Partner Bad Debt Recovery Credits #2023-1 Totaling \$1,000,000

MOTION

Upon recommendation of Nicolette N. Bateson, Chief Financial Officer & Treasurer, the Board of Directors (Board) of the Great Lakes Water Authority (GLWA), adopts Resolution #2023-234 to:

- 1. Approve the Highland Park Bad Debt Recovery Credits Methodology;**
- 2. Authorize staff to apply credits totaling \$1 million in the first quarter of FY 2024 as outlined in the above methodology and related Schedule of Member Partner Bad Debt Recovery Credits #2023-1; and**
- 3. Authorize the Chief Executive Officer to take such other action as may be necessary to accomplish the intent of this vote.**

BACKGROUND

In accordance with contractual terms for service, Member Partner communities are responsible funding bad debt expense. Over an extended period of time, Member Partner communities have been charged for bad debt expense related to partial non-payment by the City of Highland Park. Simultaneously, litigation with Highland Park has occurred as it relates to water, sewer, and industrial waste control service charges. Extensive writings and communications are available related to these matters. The purpose of this memo is to focus on positive recent developments between the City of Highland Park and GLWA where both parties entered into an "Interim Agreement" which includes the following excerpted provisions:

- "Highland Park agrees to pay and deliver to GLWA \$1,000,000 by June 9, 2023, subject to city council approval at the Highland Park city council meeting on June 5, 2023. This amount will be applied to the Judgment in the 2014 Case or to a settlement if one is reached by October 1, 2023."
- "The Parties understand the State intends to file a position statement with the Court in the 2014 Case stating its support for the stay of proceedings and explaining why the State is involved and intends to participate in the efforts to resolve this matter and reach a resolution. The Parties will work in good faith toward a comprehensive solution to all issues."

JUSTIFICATION

The City of Highland Park made the \$1,000,000 payment on June 9, 2023 as agreed. Given that this payment is in relation to aged balances for which Member Partner communities funded via a bad debt expense line item in the service charges calculation, it is appropriate to credit their accounts in a consistent manner. Further, it is anticipated that resolution of this matter may result in additional payments. For this reason, a Highland Park Bad Debt Recovery Credits Methodology and a Schedule of Member Partner Bad Debt Recovery Credits #2023-1 have been prepared for consideration by the Board of Directors.

Highland Park Bad Debt Recovery Credits Methodology

Last year, GLWA asked its charges and financial consultant from The Foster Group to document an analysis of amounts that had been directly included in Water and Sewer Charges to GLWA's first-tier Member Partners related to Highland Park bad debt. That information was subsequently utilized to inform all first-tier Member Partners of such amounts. The framework established by that analysis was widely shared and reviewed with Member Partner communities. It was also anticipated at the time that allocation of future bad debt recovery for payments related to Highland Park services would align with that analysis. See attached memo from The Foster Group which provides further details.

The overall allocation is 87.4% Sewer System and 12.6% Water System based on a proportional share of what was included in previous years' charges for services to first-

tier Member Partners. Also attached to that memo was a schedule which identifies a percentage for each Member Partner community. It is recommended that these percentages be established as a key element of a “Highland Park Bad Debt Recovery Credits Methodology” to expedite the handling of future credits, acknowledging that the actual credits would not be applied without Board Member approval due to the budget impact and that it is considered a charge setting decision requiring five affirmative votes for approval.

Schedule of Member Partner Bad Debt Recovery Credits #2023-1

Consistent with the methodology described above, a schedule of “Member Partner Bad Debt Expense Recovery Credits #2023-1” is recommended to be applied to the August 2023 bills for July 2023 services. This timing will allow for setting up this credit mechanism in the billing system and communication and engagement with Member Partners.

BUDGET IMPACT

The financial impact of reimbursing Member Partners for recovery of bad debt is largely neutral for GLWA. The budget impact spans multiple fiscal years of bad debt accumulation whereas the bad debt recovery credit is in future years. The annual budget impact is manageable and will be reflected in budget amendments for the first quarter of FY 2024.

COMMITTEE REVIEW

This matter was reviewed by the GLWA Audit Committee at its meeting on June 26, 2023. The Audit Committee unanimously recommended that the Great Lakes Water Authority Board of Directors adopt the proposed Resolution #2023-234 to:

1. Establish the Highland Park Bad Debt Recovery Credits Methodology;
2. Authorize staff to apply credits totaling \$1 million in the first quarter of FY 2024 as outlined in the above methodology and related Schedule of Member Partner Bad Debt Recovery Credits #2023-1; and
3. Authorize the Chief Executive Officer to take such other action as may be necessary to accomplish the intent of this vote.

SHARED SERVICES IMPACT

This item does not impact the shared services agreement between GLWA and DWSD.



Financial Services Audit Committee Communication

Date: June 26, 2023

To: Great Lakes Water Authority Audit Committee

From: Nicolette N. Bateson, CPA, Chief Financial Officer & Treasurer

Re: Proposed Resolution 2023-234 - Highland Park Bad Debt Recovery Credits
Methodology and Authorization to Apply Bad Debt Expense Recovery Credits to FY
2024 Charges

Background & Analysis: See attached draft Great Lakes Water Authority ("GLWA") Board letter.

Proposed Action: The GLWA Audit Committee recommends that the Great Lakes Water Authority Board of Directors approve the proposed Resolution #2023-234 to:

1. Establish the Highland Park Bad Debt Recovery Credit Methodology;
2. Authorize staff to apply credits to Member Partner accounts totaling \$1 million in the first quarter of FY 2024 as outlined in the above methodology and related Schedule of Member Partner Bad Debt Recovery Credits #2023-1; and
3. Authorize the Chief Executive Officer to take such other action as may be necessary to accomplish the intent of this vote.

TFG
THE FOSTER GROUP

THE FOSTER GROUP, LLC
12719 WENONGA LANE
LEAWOOD, KS 66209

BART FOSTER, PRESIDENT
CELL: (913) 530-6240
BFOSTER@FOSTERGROUPLLC.COM

MEMORANDUM

Highland Park Bad Debt Recovery Credit

June 20, 2023

To: Randal Brown, Nicolette Bateson

From: Bart Foster

You have asked for recommendations regarding potential application of a specific recent payment GLWA has received from Highland Park. It is my understanding that GLWA has received an initial payment of \$1 million to be applied for potential settlement of past due amounts. It is my further understanding that GLWA intends to apply this \$1 million as credits to individual Member Partner Water and Sewer bills early in FY 2024, effectively to refund a portion of the amounts included in past charges for Highland Park bad debt expense. The question at hand is how to assign the relative credits to the individual customers.

Last year, I documented the results of my analysis of amounts that had been directly included in Water and Sewer Charges to GLWA's first tier Member Partners. That documentation was subsequently utilized to inform all Member Partners of such amounts. I believe the framework established by that analysis provides the appropriate mechanism for crediting customers for this initial recovery, and for any subsequent amounts that GLWA opts to return to Member Partners.

Over many of the past several years GLWA has directly included amounts totaling approximately \$41 million in wholesale sewer and water charges designed to address Highland Park's bad debt expense. Such amounts are summarized in the first column below.

	<u>Amounts Included in Charges</u>	<u>Relative Allocation</u>	<u>Initial Recovery Credit</u>
Total	\$40,808,900		\$1,000,000
Allocable to Sewer	\$35,656,400	87.4%	\$874,000
Allocable to Water	\$5,152,500	12.6%	\$126,000

The Water figures reflect amounts included in charges from FY 2019 through FY 2022. The Sewer figures reflect amounts dating back to FY 2008, which continued intermittently through

FY 2022¹. The documentation from last year indicated how much of these totals had been included in Water and Sewer Charges to each Member Partner community. I recommend that GLWA establish individual Member Partner credits that are equal to their “share” of amounts paid in (based on the originally approved service charge schedules). By this approach, \$874,000 of the initial \$1 million recovery credit will be applied to Sewer Member Partner communities and the remaining \$126,000 will be applied to Water Member Partner communities.

Each customer community’s individual share of the initial credit is set forth in the accompanying exhibits.

I am prepared to discuss this matter at your convenience.

¹ The originally approved FY 2023 Water and Sewer Charges contained additional amounts. These amounts were subsequently removed from the final FY 2023 Water and Sewer Charges by the GLWA Board.

Highland Park Bad Debt Synopsis
Allocation of Initial Recovery Credit to **Water and Sewer** Member Partners

	(1)	(2)	(3)
	Cumulative Amount in Charges thru FY 2022 <i>(a)</i>	Relative Share of Highland Park Bad Debt	Initial Recovery Credit
<u>Water Charges</u>			
Macomb	\$1,127,700	21.9%	\$27,400
Oakland	1,471,900	28.6%	36,100
Wayne <i>(excl. Detroit)</i>	1,516,100	29.4%	36,900
Other	394,600	7.7%	9,700
Detroit	642,200	12.5%	15,900
Total	\$5,152,500	100.0%	\$126,000
<u>Sewer Charges</u>			
Macomb <i>(b)</i>	\$8,565,900	24.0%	\$209,900
Oakland <i>(c)</i>	14,419,900	40.4%	353,500
Wayne <i>(excl. Detroit)</i>	12,670,600	35.5%	310,600
Other	NA	NA	NA
Detroit	NA	NA	NA
Total	\$35,656,400	100.0%	\$874,000
<u>Combined Water and Sewer Charges</u>			
Macomb <i>(b)</i>	\$9,693,600	23.8%	\$237,300
Oakland <i>(c)</i>	15,891,800	38.9%	389,600
Wayne <i>(excl. Detroit)</i>	14,186,700	34.8%	347,500
Other	394,600	1.0%	9,700
Detroit	642,200	1.6%	15,900
Total	\$40,808,900	100.0%	\$1,000,000
Industrial Waste Control *			0
			\$1,000,000

* Highland Park IWC Bad Debt was not directly included in charges to any customer

(a) Reflects different historical time frames for Water and Sewer Charges.

(b) Includes 60% of Sewer amounts for the Oakland Macomb Interceptor Drain District

(c) Includes 40% of Sewer amounts for the Oakland Macomb Interceptor Drain District

Highland Park Bad Debt Synopsis

Table 1 - Allocation of Initial Recovery Credit to Water Member Partners

	(1)	(2)	(3)
	Cumulative Amount in Charges FY 2019 thru <u>FY 2022</u> <i>(a)</i>	Relative Share of Highland Park Bad <u>Debt</u> <i>(b)</i>	Initial Recovery <u>Credit</u> <i>(b)</i>
1 Allen Park	\$33,900	0.66%	\$800
2 Almont Village	3,300	0.06%	100
3 Ash Township	11,700	0.23%	300
4 Belleville	4,300	0.08%	100
5 Berlin Township	10,600	0.21%	300
6 Brownstown Township	52,500	1.02%	1,300
7 Bruce Township	3,900	0.08%	100
8 Burtchville Township	4,700	0.09%	100
9 Canton Township	147,400	2.86%	3,600
10 Center Line	6,500	0.13%	200
11 Chesterfield Township	59,900	1.16%	1,500
12 Clinton Township	112,000	2.17%	2,700
13 Commerce Township	52,300	1.02%	1,300
14 Dearborn	159,100	3.09%	3,900
15 Dearborn Heights	52,600	1.02%	1,300
16 Eastpointe	21,900	0.43%	500
17 Ecorse	21,500	0.42%	500
18 Farmington	14,700	0.29%	400
19 Farmington Hills	129,600	2.52%	3,200
20 Ferndale	14,300	0.28%	300
21 Flat Rock	19,500	0.38%	500
22 Flint *	162,600	3.16%	4,000
23 Fraser	17,500	0.34%	400
24 Garden City	24,400	0.47%	600
25 Gibraltar	5,400	0.10%	100
26 Greenwood Township (DTE)	7,700	0.15%	200
27 Grosse Ile Township	16,900	0.33%	400
28 Grosse Pt. Park	20,900	0.41%	500
29 Grosse Pt. Shores	9,400	0.18%	200
30 Grosse Pt. Woods	20,200	0.39%	500
31 Hamtramck	10,600	0.21%	300
32 Harper Woods	12,200	0.24%	300
33 Harrison Township	22,200	0.43%	500
34 Hazel Park	10,300	0.20%	300
35 Highland Park (c)	0	0.00%	0
36 Huron Township	21,300	0.41%	500
37 Imlay City	19,500	0.38%	500
38 Imlay Township (Single User)	100	0.00%	0
39 Inkster	20,400	0.40%	500
40 Keego Harbor	4,300	0.08%	100
41 Lapeer	21,900	0.43%	500
42 Lenox Township	4,000	0.08%	100
43 Lincoln Park	32,000	0.62%	800
44 Livonia	177,500	3.44%	4,300
45 Macomb Township	177,700	3.45%	4,300
46 Madison Heights	28,200	0.55%	700
47 Mayfield Township (KAMAX)	500	0.01%	0
48 Melvindale	9,200	0.18%	200
49 New Haven, Village of	5,700	0.11%	100
50 NOCWA	326,400	6.33%	8,000
51 Northville	11,800	0.23%	300
52 Northville Township	81,900	1.59%	2,000
53 Novi	131,200	2.55%	3,200

Highland Park Bad Debt Synopsis

Table 1 - Allocation of Initial Recovery Credit to Water Member Partners

	(1)	(2)	(3)
	Cumulative Amount in Charges FY 2019 thru <u>FY 2022</u> <i>(a)</i>	Relative Share of Highland Park Bad <u>Debt</u>	Initial Recovery <u>Credit</u> <i>(b)</i>
54 Oak Park	19,800	0.38%	500
55 Oakland GWK Drain District	1,000	0.02%	0
56 Plymouth	15,400	0.30%	400
57 Plymouth Township	65,000	1.26%	1,600
58 Redford Township	45,700	0.89%	1,100
59 River Rouge	9,800	0.19%	200
60 Riverview	12,400	0.24%	300
61 Rockwood	4,100	0.08%	100
62 Romeo	3,600	0.07%	100
63 Romulus	58,600	1.14%	1,400
64 Roseville	37,900	0.74%	900
65 Royal Oak Township	3,000	0.06%	100
66 Shelby Township	204,300	3.97%	5,000
67 SOCWA	335,500	6.51%	8,200
68 South Rockwood	1,600	0.03%	0
69 Southgate	32,100	0.62%	800
70 St. Clair Shores	43,200	0.84%	1,100
71 Sterling Heights	218,300	4.24%	5,300
72 Sumpter Township	9,600	0.19%	200
73 Sylvan Lake	3,400	0.07%	100
74 Taylor	67,000	1.30%	1,600
75 Trenton	25,800	0.50%	600
76 Troy	197,700	3.84%	4,800
77 Utica	8,100	0.16%	200
78 Van Buren Township	48,700	0.95%	1,200
79 Walled Lake	12,200	0.24%	300
80 Warren	148,200	2.88%	3,600
81 Washington Township	32,800	0.64%	800
82 Wayne	43,500	0.84%	1,100
83 West Bloomfield Township	151,800	2.95%	3,700
84 Westland	89,300	1.73%	2,200
85 Wixom	36,200	0.70%	900
86 Woodhaven	24,200	0.47%	600
87 Ypsilanti Comm Util Auth	150,400	2.92%	3,700
88 Total Suburban Wholesale	4,510,300	87.54%	110,100
89 Detroit	642,200	12.46%	15,900
90 TOTAL	\$5,152,500	100.00%	\$126,000
<u>Summary by County</u>			
Macomb	\$1,127,700	21.89%	\$27,400
Oakland	1,471,900	28.57%	36,100
Wayne (excl. Detroit)	1,516,100	29.42%	36,900
Other	394,600	7.66%	9,700
Detroit	642,200	12.46%	15,900
Total	\$5,152,500	100.00%	\$126,000

(a) Based on amounts allocated in approved charges. Does not reflect impacts of variances in actual purchased volumes.

(b) Allocation of initial \$1 million combined Water / Sewer recovery payment.

(c) Highland Park is NOT allocated responsibility for, NOR charged, an amount related to the Water debt they create - as they have never made a payment.



Highland Park Bad Debt Synopsis

Table 2 - Allocation of Initial Recovery Credit to Sewer Member Partners

	(1)	(2)	(3)	
	Cumulative Amount in Charges FY 2008 thru <u>FY 2022</u> <i>(a)</i>	Relative Share of Highland Park Bad <u>Debt</u> <i>(b)</i>	Initial Recovery <u>Credit</u> <i>(b)</i>	
1	OMID	\$8,281,000	23.22%	\$202,900
2	Rouge Valley	7,420,000	20.81%	181,900
3	Oakland GWK	6,495,000	18.22%	159,200
4	Evergreen Farmington	4,459,200	12.51%	109,300
5	SE Macomb San Dist	3,471,100	9.73%	85,100
6	Dearborn	2,769,000	7.77%	67,900
7	Grosse Pointe Farms	368,300	1.03%	9,000
8	Grosse Pointe Park	241,300	0.68%	5,900
9	Melvindale	192,600	0.54%	4,700
10	Farmington	153,300	0.43%	3,800
11	Center Line	126,200	0.35%	3,100
12	Allen Park	98,200	0.28%	2,400
13	Highland Park <i>(c)</i>	753,700	2.11%	18,500
14	Hamtramck	616,200	1.73%	15,100
15	Grosse Pointe	145,500	0.41%	3,600
16	Harper Woods	37,500	0.11%	900
17	Redford Township	24,300	0.07%	600
18	Wayne County #3	4,000	0.01%	100
19	Total	\$35,656,400	100.00%	\$874,000
<u>Summary by County</u>				
	Macomb	\$8,565,900	24.02%	\$209,900
	Oakland	14,419,900	40.44%	353,500
	Wayne <i>(excl. Detroit)</i>	12,670,600	35.54%	310,600
	Other	NA	NA	NA
	Detroit	NA	NA	NA
	Total	\$35,656,400	100.00%	\$874,000

(a) Based on amounts allocated in approved charges. Does not reflect impacts of variances in actual contributed wastewater volumes.

(b) Allocation of initial \$1 million combined Water / Sewer recovery payment.

(c) Yes, Highland Park is allocated responsibility for, and charged, an amount related to the Sewer bad debt they create - reflecting the partial payments they have made.

Great Lakes Water Authority

Resolution 2023-234

**RE: Approval of the Highland Park Bad Debt Recovery Credits Methodology and
Approval of Schedule of Member Partner Bad Debt Recovery Credits #2023-1
totaling \$1 Million**

By Board Member: _____

- Whereas** The City of Highland Park and the Great Lakes Water Authority (“GLWA”) entered into an “Interim Agreement” in June 2023; and
- Whereas** A provision of the Interim Agreement states: “Highland Park agrees to pay and deliver to GLWA \$1,000,000 by June 9, 2023, subject to city council approval at the Highland Park city council meeting on June 5, 2023. This amount will be applied to the Judgment in the 2014 Case or to a settlement if one is reached by October 1, 2023.”; and
- Whereas** An additional provision of the Interim Agreement states: “the Parties understand the State intends to file a position statement with the Court in the 2014 Case stating its support for the stay of proceedings and explaining why the State is involved and intends to participate in the efforts to resolve this matter and reach a resolution. The Parties will work in good faith toward a comprehensive solution to all issues.”; and
- Whereas** The City of Highland Park made the \$1,000,000 payment on June 9, 2023 as agreed; and
- Whereas** This payment is in relation to aged balances for which Member Partner communities funded via a bad debt expense line item in the service charges calculation, it is appropriate to credit individual Member Partner accounts in a consistent manner; and
- Whereas** The comprehensive solution of all issues may result in additional payments and it is desirable to have a clear and consistent methodology for calculating credits to Member Partner accounts; and
- Whereas** GLWA’s charges and financial consultant from The Foster Group prepared a Highland Park Bad Debt Analysis dated June 20, 2023 of amounts that had been directly included in Water and Sewer Charges to GLWA’s first-tier Member Partners related to Highland Park bad debt; and

Whereas The Highland Park Bad Debt Analysis determined that the overall allocation is 87.4% Sewer System and 12.6% Water System, based on a proportional share of what was included in previous years' charges for services to first-tier Member Partners; and

Whereas The Highland Park Bad Debt Analysis identified a proportional share for each first-tier Member Partner is shown on Attachment 1 - Highland Park Bad Debt Recovery Shares.

NOW THEREFORE BE IT:

RESOLVED The Bad Debt Recovery Credits Methodology is established whereby payments related to recovery of Highland Park Bad debt expense funded by Member Partners is allocated 87.4% Sewer System and 12.6% Water System; and

RESOLVED Within the allocation to sewer or water system, each Member Partner's share has been identified and reported on Attachment 1 - Highland Park Bad Debt Analysis shares for use in calculating any credits; and

RESOLVED Utilizing the allocation percentage and shares, authorize GLWA administration to apply credits totaling \$1 million in the first quarter of FY 2024 as outlined in the above methodology and as specifically identified in the related Schedule of Member Partner Bad Debt Recovery Credits #2023-1 for the \$1,000,000 payment made by Highland Park on June 9, 2023; and

RESOLVED That the Chief Executive Officer is authorized to take such other action as may be necessary to accomplish the intent of this vote.

Attachment 1 - Highland Park Bad Debt Recovery Shares

Sewer System - 87.4% of total Bad Debt Expense Recovery
Payments allocated in the following manner (relative share)

1	OMID	23.22%
2	Rouge Valley	20.81%
3	Oakland GWK	18.22%
4	Evergreen Farmington	12.51%
5	SE Macomb San Dist	9.73%
6	Dearborn	7.77%
7	Grosse Pointe Farms	1.03%
8	Grosse Pointe Park	0.68%
9	Melvindale	0.54%
10	Farmington	0.43%
11	Center Line	0.35%
12	Allen Park	0.28%
13	Highland Park	2.11%
14	Hamtramck	1.73%
15	Grosse Pointe	0.41%
16	Harper Woods	0.11%
17	Redford Township	0.07%
18	Wayne County #3	0.01%
19	Total	<u>100.00%</u>

Attachment 1 - Highland Park Bad Debt Recovery Shares

Water System - 12.6% of total Bad Debt Expense Recovery
Payments allocated in the following manner (relative share)

1	Allen Park	0.66%
2	Almont Village	0.06%
3	Ash Township	0.23%
4	Belleville	0.08%
5	Berlin Township	0.21%
6	Brownstown Township	1.02%
7	Bruce Township	0.08%
8	Burtchville Township	0.09%
9	Canton Township	2.86%
10	Center Line	0.13%
11	Chesterfield Township	1.16%
12	Clinton Township	2.17%
13	Commerce Township	1.02%
14	Dearborn	3.09%
15	Dearborn Heights	1.02%
16	Eastpointe	0.43%
17	Ecorse	0.42%
18	Farmington	0.29%
19	Farmington Hills	2.52%
20	Ferndale	0.28%
21	Flat Rock	0.38%
22	Flint	3.16%
23	Fraser	0.34%
24	Garden City	0.47%
25	Gibraltar	0.10%
26	Greenwood Township (DTE)	0.15%
27	Grosse Ile Township	0.33%
28	Grosse Pt. Park	0.41%
29	Grosse Pt. Shores	0.18%
30	Grosse Pt. Woods	0.39%
31	Hamtramck	0.21%
32	Harper Woods	0.24%
33	Harrison Township	0.43%
34	Hazel Park	0.20%
35	Highland Park	0.00%
36	Huron Township	0.41%
37	Imlay City	0.38%

Attachment 1 - Highland Park Bad Debt Recovery Shares

Water System - 12.6% of total Bad Debt Expense Recovery
Payments allocated in the following manner (relative share)

38	Imlay Township (Single User)	0.00%
39	Inkster	0.40%
40	Keego Harbor	0.08%
41	Lapeer	0.43%
42	Lenox Township	0.08%
43	Lincoln Park	0.62%
44	Livonia	3.44%
45	Macomb Township	3.45%
46	Madison Heights	0.55%
47	Mayfield Township (KAMAX)	0.01%
48	Melvindale	0.18%
49	New Haven, Village of	0.11%
50	NOCWA	6.33%
51	Northville	0.23%
52	Northville Township	1.59%
53	Novi	2.55%
54	Oak Park	0.38%
55	Oakland GWK Drain District	0.02%
56	Plymouth	0.30%
57	Plymouth Township	1.26%
58	Redford Township	0.89%
59	River Rouge	0.19%
60	Riverview	0.24%
61	Rockwood	0.08%
62	Romeo	0.07%
63	Romulus	1.14%
64	Roseville	0.74%
65	Royal Oak Township	0.06%
66	Shelby Township	3.97%
67	SOCWA	6.51%
68	South Rockwood	0.03%
69	Southgate	0.62%
70	St. Clair Shores	0.84%
71	Sterling Heights	4.24%
72	Sumpter Township	0.19%
73	Sylvan Lake	0.07%
74	Taylor	1.30%

Attachment 1 - Highland Park Bad Debt Recovery Shares

Water System - 12.6% of total Bad Debt Expense Recovery
Payments allocated in the following manner (relative share)

75	Trenton	0.50%
76	Troy	3.84%
77	Utica	0.16%
78	Van Buren Township	0.95%
79	Walled Lake	0.24%
80	Warren	2.88%
81	Washington Township	0.64%
82	Wayne	0.84%
83	West Bloomfield Township	2.95%
84	Westland	1.73%
85	Wixom	0.70%
86	Woodhaven	0.47%
87	Ypsilanti Comm Util Auth	<u>2.92%</u>
88	Total Suburban Wholesale	<u>87.54%</u>
89	Detroit	<u>12.46%</u>
90	TOTAL	<u><u>100.00%</u></u>

**Bad Debt Recovery Credits #2023-1
Sewer System by Member Partner
For Credit to July 2023 Billing**

Payment Received		June 9, 2023	\$ 1,000,000
Basis for Sewer / Water Spilt			
	Amount Included in <u>Charges</u>	Relative Allocation	Recovery Credit
Total Sewer and Water	\$ 40,808,900	100.0%	\$ 1,000,000
Allocable to Sewer	35,656,400	87.4%	874,000
Allocable to Water	5,152,500	12.6%	126,000
Allocation Among Member Partners			
	Cumulative Amount in Charges FY 2008 thru <u>FY 2022</u> (a)	Relative Share of Highland Park Bad Debt	#2023-1 Recovery Credit
1 OMID	\$8,281,000	23.22%	\$202,900
2 Rouge Valley	7,420,000	20.81%	181,900
3 Oakland GWK	6,495,000	18.22%	159,200
4 Evergreen Farmington	4,459,200	12.51%	109,300
5 SE Macomb San Dist	3,471,100	9.73%	85,100
6 Dearborn	2,769,000	7.77%	67,900
7 Grosse Pointe Farms	368,300	1.03%	9,000
8 Grosse Pointe Park	241,300	0.68%	5,900
9 Melvindale	192,600	0.54%	4,700
10 Farmington	153,300	0.43%	3,800
11 Center Line	126,200	0.35%	3,100
12 Allen Park	98,200	0.28%	2,400
13 Highland Park (c)	753,700	2.11%	18,500
14 Hamtramck	616,200	1.73%	15,100
15 Grosse Pointe	145,500	0.41%	3,600
16 Harper Woods	37,500	0.11%	900
17 Redford Township	24,300	0.07%	600
18 Wayne County #3	4,000	0.01%	100
19 Total	<u>\$35,656,400</u>	<u>100.00%</u>	<u>\$874,000</u>
<u>Summary by County</u>			
Macomb	\$8,565,900	24.02%	\$209,900
Oakland	14,419,900	40.44%	353,500
Wayne (excl. Detroit)	12,670,600	35.54%	310,600
Other	NA	NA	NA
Detroit	<u>NA</u>	<u>NA</u>	<u>NA</u>
Total	<u>\$35,656,400</u>	<u>100.00%</u>	<u>\$874,000</u>
(a) Based on amounts allocated in approved charges. Does not reflect impacts of variances in actual contributed wastewater volumes.			
(b) Highland Park was allocated responsibility for, and charged, an amount related to the <u>Sewer</u> bad debt - reflecting the partial payments they have made.			

Bad Debt Recovery Credits #2023-1
Water System by Member Partner
For Credit to July 2023 Billing

Payment Received		June 9, 2023		\$ 1,000,000
Basis for Sewer / Water Spilt				
		Amount		
		<u>Included in</u>	<u>Relative</u>	<u>Recovery</u>
		<u>Charges</u>	<u>Allocation</u>	<u>Credit</u>
Total Sewer and Water	\$	40,808,900	100.0%	\$ 1,000,000
Allocable to Sewer		35,656,400	87.4%	874,000
Allocable to Water		5,152,500	12.6%	126,000
Allocation Among Member Partners				
		Cumulative	Relative	
		Amount in	Share of	
		Charges	Highland	#2023-1
		FY 2019 thru	Park Bad	Recovery
		<u>FY 2022</u>	<u>Debt</u>	<u>Credit</u>
		(a)		
1	Allen Park	\$33,900	0.66%	\$800
2	Almont Village	3,300	0.06%	100
3	Ash Township	11,700	0.23%	300
4	Belleville	4,300	0.08%	100
5	Berlin Township	10,600	0.21%	300
6	Brownstown Township	52,500	1.02%	1,300
7	Bruce Township	3,900	0.08%	100
8	Burtchville Township	4,700	0.09%	100
9	Canton Township	147,400	2.86%	3,600
10	Center Line	6,500	0.13%	200
11	Chesterfield Township	59,900	1.16%	1,500
12	Clinton Township	112,000	2.17%	2,700
13	Commerce Township	52,300	1.02%	1,300
14	Dearborn	159,100	3.09%	3,900
15	Dearborn Heights	52,600	1.02%	1,300
16	Eastpointe	21,900	0.43%	500
17	Ecorse	21,500	0.42%	500
18	Farmington	14,700	0.29%	400
19	Farmington Hills	129,600	2.52%	3,200
20	Ferndale	14,300	0.28%	300
21	Flat Rock	19,500	0.38%	500
22	Flint *	162,600	3.16%	4,000
23	Fraser	17,500	0.34%	400
24	Garden City	24,400	0.47%	600
25	Gibraltar	5,400	0.10%	100
26	Greenwood Township (DTE)	7,700	0.15%	200
27	Grosse Ile Township	16,900	0.33%	400
28	Grosse Pt. Park	20,900	0.41%	500
29	Grosse Pt. Shores	9,400	0.18%	200
30	Grosse Pt. Woods	20,200	0.39%	500
31	Hamtramck	10,600	0.21%	300

Allocation Among Member Partners

	Cumulative Amount in Charges FY 2019 thru <u>FY 2022</u> (a)	Relative Share of Highland Park Bad <u>Debt</u>	#2023-1 Recovery <u>Credit</u>
32 Harper Woods	12,200	0.24%	300
33 Harrison Township	22,200	0.43%	500
34 Hazel Park	10,300	0.20%	300
35 Highland Park	0	0.00%	0
36 Huron Township	21,300	0.41%	500
37 Imlay City	19,500	0.38%	500
38 Imlay Township (Single User)	100	0.00%	0
39 Inkster	20,400	0.40%	500
40 Keego Harbor	4,300	0.08%	100
41 Lapeer	21,900	0.43%	500
42 Lenox Township	4,000	0.08%	100
43 Lincoln Park	32,000	0.62%	800
44 Livonia	177,500	3.44%	4,300
45 Macomb Township	177,700	3.45%	4,300
46 Madison Heights	28,200	0.55%	700
47 Mayfield Township (KAMAX)	500	0.01%	0
48 Melvindale	9,200	0.18%	200
49 New Haven, Village of	5,700	0.11%	100
50 NOCWA	326,400	6.33%	8,000
51 Northville	11,800	0.23%	300
52 Northville Township	81,900	1.59%	2,000
53 Novi	131,200	2.55%	3,200
54 Oak Park	19,800	0.38%	500
55 Oakland GWK Drain District	1,000	0.02%	0
56 Plymouth	15,400	0.30%	400
57 Plymouth Township	65,000	1.26%	1,600
58 Redford Township	45,700	0.89%	1,100
59 River Rouge	9,800	0.19%	200
60 Riverview	12,400	0.24%	300
61 Rockwood	4,100	0.08%	100
62 Romeo	3,600	0.07%	100
63 Romulus	58,600	1.14%	1,400
64 Roseville	37,900	0.74%	900
65 Royal Oak Township	3,000	0.06%	100
66 Shelby Township	204,300	3.97%	5,000
67 SOCWA	335,500	6.51%	8,200
68 South Rockwood	1,600	0.03%	0
69 Southgate	32,100	0.62%	800
70 St. Clair Shores	43,200	0.84%	1,100
71 Sterling Heights	218,300	4.24%	5,300
72 Sumpter Township	9,600	0.19%	200
73 Sylvan Lake	3,400	0.07%	100
74 Taylor	67,000	1.30%	1,600
75 Trenton	25,800	0.50%	600
76 Troy	197,700	3.84%	4,800
77 Utica	8,100	0.16%	200

Allocation Among Member Partners

	Cumulative Amount in Charges FY 2019 thru FY 2022 (a)	Relative Share of Highland Park Bad Debt	#2023-1 Recovery Credit
78 Van Buren Township	48,700	0.95%	1,200
79 Walled Lake	12,200	0.24%	300
80 Warren	148,200	2.88%	3,600
81 Washington Township	32,800	0.64%	800
82 Wayne	43,500	0.84%	1,100
83 West Bloomfield Township	151,800	2.95%	3,700
84 Westland	89,300	1.73%	2,200
85 Wixom	36,200	0.70%	900
86 Woodhaven	24,200	0.47%	600
87 Ypsilanti Comm Util Auth	150,400	2.92%	3,700
88 Total Suburban Wholesale	4,510,300	87.54%	110,100
89 Detroit	<u>642,200</u>	<u>12.46%</u>	<u>15,900</u>
90 TOTAL	<u>\$5,152,500</u>	<u>100.00%</u>	<u>\$126,000</u>
<u>Summary by County</u>			
Macomb	\$1,127,700	21.89%	\$27,400
Oakland	1,471,900	28.57%	36,100
Wayne (excl. Detroit)	1,516,100	29.42%	36,900
Other	394,600	7.66%	9,700
Detroit	<u>642,200</u>	<u>12.46%</u>	<u>15,900</u>
Total	<u>\$5,152,500</u>	<u>100.00%</u>	<u>\$126,000</u>

(a) Based on amounts allocated in approved charges. Does not reflect impacts of variances in actual purchased volumes.

Agenda Item No. 6

Change Orders

CHANGE ORDER NO. THIRTY-FOUR

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,
AT RISK (CMAR)
Walsh Construction Co. II, LLC**

Authorization for: 1.) Control Panel #4- SCADA Revisions (Credit); 2.) Install conduit and wiring for Electrical Room Temperature/ Humidity Monitoring; 3.) Perform misc. maintenance upgrades on existing electrical panels and junction boxes; 4.) 25 Ton Bridge Crane Hoist cable replacement; 5.) Pump # 4 Seal Water solenoid modifications; 6.) Provide spare CS-9 Level Sensor for inventory; 7.) Furnish labor for site paving subgrade stabilization with geo-textile fabric.

Address:

Walsh Construction Co. II LLC
3031 West Grand Blvd., Suite 640
Detroit, MI 48202

Change Order No. 34 Date: July 07, 2023

	Location-Description-Reason	Unit	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
34 -1	<p>LOCATION:</p> <p>The Northeast Sewage Pumping Station; Detroit, Wayne County, Michigan</p> <hr/> <p>DESCRIPTION (Extra/ Add):</p> <p>Provide credit for deletion of scope, per Engineer's response to RFI # 144</p> <p>REASON:</p> <p>The designer's response referencing power supply to the Air Handling Units # 1 and 2 indicated the wiring will be terminated at Control Panel# 4 and not at the Ovation RTU. This clarification allowed for deletion of wire (furnish and install) due to the shorter run.</p> <p>Attachment: Walsh Construction Co. PCI # 970136</p>	LS	1 ea.	(\$488.73)	-0-	(\$ 488.73)

OMID DD NESPS; Pump & Electrical Upgrades Project; C.O. # 34

	Location-Description-Reason	Unit	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
34 -2	<p><u>DESCRIPTION: (Extra/ Add):</u></p> <p>Provide conduit and wiring for signal wiring for the Electrical Room Temperature Monitor (ERTM) to connect to the Ovation system (Temperature and Humidity controls).</p> <p><u>REASON:</u></p> <p>This additional monitoring output is considered necessary for future operations, however, it was not included in the original contract provisions.</p> <p>Attachment: Walsh Construction Co. PCI No. 970137</p> <p><u>DESCRIPTION (Extra Add):</u></p>	LS	1 ea.	\$ 3,172.50	\$ 3,172.50	-0-
34 -3	<p>Furnish and install various electrical panel upgrades, replace missing breakers, and perform general maintenance improvements.</p> <p><u>REASON:</u></p> <p>Repairs and upgrades to the existing electrical system circuitry were performed as work evolved on Contract work, and deficiencies were occasionally observed that required correction.</p> <p>Attachment: Walsh Construction CO. PCI # 970168</p>	LS	1 ea.	\$ 2,968.28	\$2,968.28	-0-
34 -4	<p><u>DESCRIPTION (EXTRA/ ADD):</u></p> <p>Replace main hoist cable on the 25 ton Interior Bridge Crane.</p> <p><u>REASON:</u></p> <p>A recent inspection of the 25 ton bridge crane indicated the main hoist cable (wire rope) was exhibiting wear to an extent that replacement was advisable in lieu of the upcoming heavy load demands (pumps, motors, piping, etc.).</p> <p>Attachment: Walsh Construction Co. PCI 970180</p>	LS	1 ea.	\$ 8,955.80	\$ 8,955.80	-0-

OMID DD NESPS; Pump & Electrical Upgrades Project; C.O. # 34

	Location-Description-Reason	Unit	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
34 -5	<p><u>DESCRIPTION (Extra/ Add):</u></p> <p>Provide conduit and wiring for Pump # 4 (the "OMID Pump") for motor and pump solenoids.</p> <p><u>REASON:</u></p> <p>OMID Sewage Pump # 4 (installed under the previous Contract #3) was not included in the current Contract work for electrical upgrades to the motor and pump solenoids for seal and cooling water. This task addresses that issue.</p> <p>Attachment: Walsh Construction Co. PCI # 970186</p>	LS	1 ea.	\$ 5,190.82	\$5,190.82	-0-
34 -6	<p><u>DESCRIPTION (Extra/ Add):</u></p> <p>Provide a spare downstream level sensor (transmitter) for Control Structure #9 flow controls.</p> <p><u>REASON:</u></p> <p>Operation of the NESPS relies (in part) on information provided by level sensors at the Control Structure # 9 facility (the upstream gate structure that is in closest proximity to the station). Replacement of the sensor unit is a long lead time procurement issue, and following recent experience it was deemed advisable to maintain a spare sensor in inventory (stored at the NESPS) for future use when needed.</p> <p>Attachment: Walsh Construction Co. PCI # 970190</p>	LS	1 ea.	\$ 2,899.67	\$2,899.67	-0-
34 -7	<p><u>DESCRIPTION (Extra/ Add):</u></p> <p>Furnish labor (only) to place woven geotextile (Tensor TH 570) material on clay subgrade in advance of aggregate base course for site for enhanced long term stability of concrete roadways.</p> <p><u>REASON:</u></p>	LS	1 ea.	\$ 3,013.88	\$3,013.88	-0-

OMID DD NESPS; Pump & Electrical Upgrades Project; C.O. # 34

	Location-Description-Reason	Unit	Est. Qty.	Unit Price	Amount Increase	Amount Decrease	
	<p>Sitework completed by an earlier subcontractor resulted in a surplus of un-used Tensar woven geo-textile material inventoried on site. The subcontractor elected to donate the material as an alternative to disposal costs, and has made it available for other use at no cost.</p> <p>This material is extremely effective for stabilizing clay subgrades below pavement construction and will provide long term benefits for the pavement, particularly in areas where heavy vehicle loads are anticipated, both during construction and throughout long term future use.</p> <p>The additional cost represents the labor effort required to layout and position the geotextile prior to aggregate base placement.</p> <p>Attachment: Walsh Construction Co. PCI 970193</p> <p><i>End of Line Items for Change Order No. 34</i></p> <p align="center">*****</p>						
					Amount Increase	Amount Decrease	
	Totals	\$25,712.22	-0-		Net Changes (Increase)	\$25,712.22	-----

OMID DD NESPS; Pump & Electrical Upgrades Project; C.O. # 34

Prepared By: Lawrence T. Gilbert Date: 7-10-2023
Lawrence T. Gilbert, P.E.
NTH Consultants, Ltd.

Recommended By: [Signature] Date: 7/13/2023
John Michalski, P.E.
Engineer of Design, Applied Science, Inc.

Approved By: _____ Date: _____
Joel Brown, P.E.
Chief Engineer,
Construction Projects
Unit, WRC

Approved By: Stephen Downing Date: 7/14/2023
Stephen Downing
Construction and Maintenance Manager, Macomb County Public Works

Approved By: _____ Date: _____
Sid Lockhart, P.E.
Manager of Special Projects, WRC

Approved by: _____ Date: _____
Steve Korth, P.E.
Chief Manager, WRC

All of the Construction Manager's contractual obligations remain in place and are applicable to all work and payments identified herein. No adjustment to contract time or price shall be made for these issues except as set out in this, or by a subsequent related Change Order.

The Construction Manager agrees to do the work described above and agrees to accept Contract time adjustments in full on the basis indicated.

Accepted by: Cyril Pokorny Program Manager Date Jul-10-2023 | 8:28 AM CDT
DocuSigned by: CCD158818FDC485... Title

of: Walsh Construction Co. II, Inc.

The Construction Manager is hereby authorized and instructed to do the Work described above in accordance with the terms of the Contract, as amended.

This Change Order No. 34 was approved by the Drainage Board on: _____ Date: _____

Attachment No. 1 to Change Order No. Thirty-Four

The Engineer has reviewed the items included in this Change Order and confirms that these adjustments to the Contract are reasonable and in accordance with industry standards and the requirements of the Contract.

Contract Status Summary
Change Order No. Thirty-Four
OMID NESPS Pump & Electrical Upgrades Project

Construction Manager at Risk: Walsh Construction Co. II

Project Award Date (Pre-Construction Services)	December 16, 2019
Notice to Proceed Date (Construction Phase)	October 23, 2020
Contract Substantial Completion Date (Original)	March 28, 2023
Contract Final Completion Date (Original)	June 22, 2023
Total GMP Contract Value (Including Control Structure 9) (Reconciled for separation of Pre-Construction Costs)	\$ 42,933,381.88
C.O. Values, # 7 through # 33, and including CS-9 C.O. # 1,2,3,4	\$ 5,926,403.70
This Change Order # 34	\$ 25,712.22
Adjusted GMP Contract Value, Pump & Electrical Upgrades and CS-9 Projects (Including this C.O. # 34)	\$ 48,885,497.80

Agenda Item No. 7

Construction Estimates

**Northeast Sewage Pumping Station- Pumping and Electrical Systems Upgrades Project
Located in the City of Detroit, Wayne County, Michigan**

Regular Construction Estimate No. Thirty-Three
Page One of Two

June 01, 2023 through June 30, 2023

Department No.:	6010101	Account No.:	731472
Fund No.:	84917	Program No.:	149015
OMID Project No.:	1 3309	Activity:	FAC

Construction Manager at Risk:

Vendor # 23191 LI 43331; exp. 12/16/22

Walsh Construction Co.

Date of Contract: Dec. 16, 2019

3031 West Grand Boulevard, Suite 640

(Adjusted Final Completion Date: July 28, 2023

Detroit, MI 48202

Contract No. 5977

Orig. GMP amount for Pump & Elec. Upgrades Project, and including CS-9	\$44,107,745.19
Pre-Construction Payment (Separate Accounting)	(\$1,244,560.00)
NESPS Pump & Elec. Upgrades Original Contract Budget	\$42,863,185.19
Change Orders, This Estimate: C.O. # 33	\$6,874.36
Previous C.O.s: (Numbers 7 through No. 32 and CS-9 # 1 through # 4)	\$5,919,529.34
Note: C.O. # 30 includes the budget transfer of \$70,196.70 from Pre-Con to GMP budget)	\$70,196.70
Adjusted Contract Amount including CS-9 values	\$48,859,785.59
Sub-Total To Date	\$ 37,056,208.33
Less Deductions: None	\$ -
Gross Estimate: (Work in Place - Amount Complete =75.8 %)	\$ 37,056,208.33
Less Amount Reserved (max. 10% of 50% of total CV, including CS-9 value)	\$ 2,442,989.28
Total Amount Allowed To Date:	\$34,613,219.05
Less Previous Estimates:	\$34,022,467.40
Payment Due	\$590,751.65
Reserve Pay to Contractor:	\$0.00
Balance to Finish: \$ 11,803,577.26	Accounting Auditor:
Amount to be Reserved	2,442,989.28
Less Previous Transfer to Reserve	2,442,645.56
Amount of Current Transfer	\$343.72

Regular Construction Estimate No. 33, June, 2023 - NESPS Pump & Electrical Upgrades

Page Two of Two

Prepared by: *Lawrence T. Gilbert*

Lawrence T. Gilbert, P.E.; NTH Consultants Ltd.

Date: 7-6-23

Recommended by: *John Michalski*

John Michalski, P.E., ASI

Date: 7/13/2023

Recommended by: _____

Joel Brown, P.E. Oakland County WRC

Date: _____

Recommended by: *Stephen Downing*

Stephen Downing; Macomb County OPWC

Date: 7/14/2023

Approved for Payment by: _____

Sid Lockhart, P.E.; Special Projects Manager, Oakland County WRC

Date: _____

Regular Construction Estimate No. 33- June, 2023
NESPS Pump & Electrical Upgrades Project

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. 28

Period: 6/01/23 through 6/30/23

Department No.: 6010101
Fund No.: 84917
Project No.: 1-00000003308

Account No.: 731472
Program No.: 149015
Activity: FAC

Contractor:
Marra Services, Inc.
700 E. 73 rd. Street
Cleveland, OH 44103

Vendor # 29656 Contract # 6323
LI # 44838 exp. 1/20/23

Date of Contract: January 21, 2021
Final Completion Date: September 9, 2022
Adj. Final Completion: May 12, 2023

Original Construction Contract Amount	\$14,732,510.00
Previous Change Orders: No. One, Two, Three, Four, and Five	\$1,287,656.61
Change Orders This Estimate: None	\$0.00
Total Net Change Orders:	\$1,287,656.61
<u>Adjusted Contract Amount:</u>	<u>\$16,020,166.61</u>
Sub-Total To Date	\$14,079,268.93
Less Deductions: None	\$0.00
Gross Estimate, Work in Place 87.88 % Complete	\$14,079,268.93
Less Amount Reserved (Max. at 10% of 50% of adjusted C.V.)	\$801,008.33
Total Amount Allowed To Date:	\$13,278,260.60
Less Previous Estimates	\$13,049,060.60
Net Payment Request To Be Paid To Contractor:	\$229,200.00
Reserve Payment to Contractor:	\$0.00
<u>Balance to Finish: \$ 1,940,897.68</u>	<u>Accounting Auditor:</u>
Amount to be Reserved from Above	\$801,008.33
Less Previous Transfers To Reserve:	\$801,008.33
<u>Amount of Current Transfer</u>	<u>\$0.00</u>

Prepared by: *Lawrence T. Gilbert*
Lawrence T. Gilbert, P.E.; NTH Consultants Ltd.

Date: 7-6-23

Recommended by: *Saju Sachidanandan*
Saju Sachidanandan, P. E.; NTH Consultants Ltd.

Date: 7-7-23

Recommended by: _____
Joel Brown, P.E. Oakland County WRC

Date: _____

Recommended by: *Stephen Downing*
Stephen Downing; Macomb County OPWC

Date: 7/14/2023

Approved for Payment by: _____
Sid Lockhart, P.E.; Special Projects Manager, Oakland County WRC

Date: _____

Agenda Item No. 8

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 Services, Inc.

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

July 19, 2023 OMIDDD Board Meeting

The following provides a status update as of the writing of this report (July 11, 2023) 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: Complete

Odor and Corrosion Control Design

- Project Budget: \$963,223.90
- Total Spent (approximate; through June 2023): \$775,000.00
- Effort is currently on time in accordance with Jacobs' latest design schedule.

Status of Major Project Tasks:

- Jacobs is preparing the 60% Design package (plans, specifications, and updated Basis of Design Report) and plans to submit for review in early August 2023, as promised. The 60% Design will incorporate review comments received during the 30% Design workshop with Macomb County, Oakland County, MCET, and METCO representatives on June 2, 2023.
- Jacobs established the required footprint of the replica house that will contain the odor control equipment at the Sorrento Boulevard/Dodge Park Road (Meter ST-S-3) site in Sterling Heights, which required a rear yard setback variance. The variance was approved by the Sterling Heights ZBA on May 23, 2023, with documentation of this approval to be included in the ZBA meeting minutes.
- The design of the 15 Mile Road/ITC Corridor (CS-6) odor/corrosion control system is currently on hold until the terms for grant funding of the adjacent Sterling Heights parcel (east of the ITC Corridor) are clarified with the National Park Service (grant originator). If the Sterling Heights parcel is used, then Jacobs will work with OMIDDD and MIDDD to consider a complimentary beautification project (e.g., vegetative screening, "micro" park, Baumgartner Park upgrades, etc.) near the new odor/corrosion control facility, as requested by Sterling Heights. OMIDDD and Sterling Heights are in ongoing discussions regarding use of a portion of the Baumgartner Park, including potential utilization of the existing recycling center footprint.

SRF Segment 2 Status:

Contract 3 (Base Contract & C.O. 2E-2J): Complete

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

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

Construction Complete

- Warranty period through December 2022.

NESPS & OMID Maintenance, Operations & Upgrades Status:

Status of Emergency Contingency Plan for pumping during total power loss or other catastrophic system failure:

- Mersino Dewatering is under contract for standby emergency bypass pumping.
- The OMIDDD Project Team has finalized design for keeping the 15 Mile Road bypass pumping arrangement (initially constructed in summer 2021) intact and buried below grade, pending final agreement with ITC and other easement owners. Currently under review by ITC, Sterling Heights, and coordinating with other easement holders. Final design package to be used to solicit bids from several OCWRC and MCPWS Blanket Contract Holders. Field work will follow use of the area for storage of pipe for the MIDDD Segment 5 project.
- Remaining items in the final emergency plan include punch-list and optimization steps for electrification, modifications at the 15 Mile Road Site, and overall optimization of the Emergency Plan per above. The final plan document will be revised after final installation of the emergency pumping conveyance conduit.

Additional work being performed under Metco Maintenance Contract for NESPS:

- Mechanical and Electrical corrective/preventative maintenance schedules continue.
- Coordination between OMIDDD, GLWA, MIDDD, NESPS, and Pump/Electrical Upgrade Project is ongoing and has not impacted station operations or ability to meet demand.

- The wet well elevator remains disabled, with re-construction plans in progress. Final completion is projected for 2024.
- Quarterly wet well sediment inspection and bar screen cleaning scheduled for August 25, 2023.
- 25-Ton crane back in service, with repair report on file. Four-ton crane on standby.
- NESPS Pump Start-up & Training to begin the week of July 10, 2023. Sanitary Pumps 1 and 3 are in run test mode as of July 5, 2023. No operational impact to note.
- A series of Site Acceptance (SAT), Run, and Vibration Testing is scheduled to begin the week of July 10, 2023. Close coordination with current daily operations will be required.
- Watermain upgrade project underway. NESPS on temporary service water supply without any interruptions to daily operations. Project scheduled for completion by July 17, 2023.



Watermain upgrade project at NESPS

Overall NESPS Station Performance Report by METCO:

- Mechanical: No changes from previous report. Sanitary Pumps #2 #4, #5, and #6 ready for duty. Total pump capacity equals 500-cfs. Contract capacity is 423-cfs. The wet well dewatering pump is also ready for duty. New Knife Gate Valve #5 scheduled for installation the week of July 10,

2023. Pre-Task meeting was held July 6, 2023 on installation specifics. No operational impact expected.

- Sanitary Pump #1 and #3 are in run test mode as of July 5, 2023.
- Sanitary #2 and Sanitary #4 continue to share primary duty. Pumps #5 and Pump #6 share backup roles. This strategy continues to meet dry and wet weather demands.
- NESPS/GLWA LOTO (Lock-Out Tag-Out) final forms complete. All personnel are required to fill out forms before sewer entry. LOTO procedures continue to go well.
- LOTO demonstrations on new switchgear were completed on June 23, 2023. METCO along with GLWA participated. GLWA electrical supervisor (Kaydo Little) recommended specific equipment necessary to protect staff during LOTO. Walsh is working with NTH to procure this equipment.
- The primary switchgear in the existing station is double ended with two (2) sources of utility power being Transformer #3 and Transformer #4. Generator back-up is available if needed to power pumps P4, P5, and P6 and the existing unit substation.
- Dry well submersible sump pumps #1 and #2 are in service and ready for duty.
- Specific data logging software continues to monitor Sanitary Pump #2 VFD drive PLC. This software was instrumental in detecting the VFD faults experienced November 14, 2022, which disabled the pump. Picked up a few nuisance vibration faults on P2, a check determined that it was harmless.
- Rotor integrated the existing Eaton Power Expert (Quality Power Monitoring Meter) located on the VFD Sanitary Pump #4 switchgear into the OMID SCADA system. Occasional faults, voltage sags, and spikes were reported and are being investigated. Incoming power data is collected daily with the data kept on file.
- CMMS: NEXGEN asset management in use. Monthly status meetings are being held with OMID. Contractors are fulfilling their requirements with no outstanding issues to report.
- HVAC: Gas detection in use. Rounds are conducted daily. Unit filters restocked and changed as required.
- Bio Filter performance good. No odor issues or complaints.
- Overall General Housekeeping tasks remain in order. Minor maintenance activities have all been addressed in a timely manner.

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

- Daily flow control operations continue to support MID/OMID/NIEA repair and improvement projects. (Weather permitting)
- Semi-Annual Preventative Maintenance completed.
- All LOTO protocols are in place.
- A plan has been developed between Walsh and HESCO/MCET to address the replacement and repair to both Level Sensor and Gate Drift at CS-9. Both issues are under warranty. ASI and MCET are also looking into providing protective measures to counter false/erroneous signals in the future.
- Suncourse provided equipment and direction in addressing warranty related issues at CS-9. Installed flow directional valve and counterbalance valves require fine tuning, and HESCO has taken a role in assisting. Latest repairs were not fully successful in stopping gate drift, although issue appears to be identified and repair efforts are ongoing. Specifically, CS-9 experienced excessive hydraulic pump cycling which caused motor overload and pump failure to both hydraulic units #1 and #2. Programming and mechanical component issues are related to both reasons for failure. Suncourse replaced both pumps under warranty and is currently working

with MCET to remedy programming issues. CS-9 continues to support OMID and MIDD flow control requests.

- System-wide communications are good.
- CS-6 gate has been restored and is currently operational with limited abilities. A limit switch and position indicator must be installed to fully complete restoration. Parts received; repair pending.
- CS-8 in stand-by mode ready for service.
- CS-5 in stand-by mode ready for service.
- CS-9 in stand-by mode ready for service. Warranty-related issues are being addressed through Walsh. (See above)
- Routine daily rounds and inspections made with no major maintenance issues to report.

Other System Operation Issues

- O&M Manual is currently being revised to include new structures, recently modified structures, new monitoring equipment, and recent inspection and repair status.
- EGLE has informally agreed to consent to use of all flow control structures for long term flow control. Request for formal consent is promised but not yet received.

OMID Control Structure Upgrades Status:

- ASI is now contracted for design of major upgrades to control structures that considers long-term operability.
- Initial inspections and planning complete.
- Basis of Design complete and under review.
- Design projected to be complete in Spring 2023.

OMID System 3-Year Spot Repairs Status: Complete; final as-builts under review

OMID System 6-Year Inspection Status:

- Tunnel reach inspections (95 total) were completed on February 25, 2023. Remaining manhole inspections were completed April 26, 2023. Data is being collated and report is in process.

NIEA Repairs (Design/Construction)

Contract 1 (PCI-4 Rehabilitation): In Construction

Amt Invoiced: Construction cost to date is \$13,850,068.93, representing 86.4% of the adjusted Contract value.

Schedule Status: The adjusted Substantial Completion date is April 12, 2023. The Contractor is operating approximately 79 days behind the adjusted schedule, and new issues are expected to further delay completion. The Contractor has been formally advised that starting April 13, 2023, an accounting of Liquidated Damages is included with each payment application until substantial completion is achieved. This value will show as a debit against the retention account; however, funds will not be withheld until a final reconciliation of the schedule is completed.

Contract 1 (PCI-4 Rehabilitation) Construction Status:

- Approximately 1,334.5 linear feet of Channeline lining has been installed out of a contract total of 1,340 feet (one section was damaged and changed to RockHard), including Change Order #1. All of the Channeline liner is now fully grouted with minor punch-list work in progress.
- Installation of the Quakewrap liner is complete, with grouting work complete.
- Installation of the RockHard SCP liner was initially attempted; however, erection complications have delayed the start of production work. Major redesign efforts by the manufacturer are in progress, in order to allow for installation of the product.
- Concrete interior lining of the interceptor manholes is in progress and nearing completion.
- Concrete reinforcing steel has arrived on site for the proposed access shaft wall.
- Geotechnical monitoring of construction activities at the access shaft location indicates continuing stable conditions.



Channeline-QuakeWrap transition



Curb restoration at MH-PCI-4-104



QuakeWrap grouting operations





QuakeWrap grouting operations



QuakeWrap grouting operations topside

Contract 2 (PCI-18/19 Rehab): In Construction

Amt Invoiced: \$2,382,862 out of currently projected study/design budget of \$2,400,570 (design).
\$0.00 out of \$12,596,800 (construction)

Schedule Status: Contract 2: Bid award complete and NTP issued.

Contract 2 (PCI -18/19 Rehabilitation) Design Status:

- Z Contractors, Inc. is awarded contractor.
- Notice to Proceed letter has been issued to the Contractor. Currently working on preparing the "Construction Set" set of documents. Pre-con meeting is scheduled for July 17, 2023.
- OMIDDD-GLWA Cost Sharing Agreement has been executed. OMIDDD received a copy of the executed agreement from GLWA.
- The **draft** line item schedule and budgets for OMID NIEA Contracts 1 and 2 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 10/1/22 (Contract 2)
Issued for Bid			6/10/2020 (Contract 1) 11/4/22 (Contract 2)
Bid Opening			9/30/2020 (Contract 1) 3/1/23(Contract 2)
Contract Award and NTP			12/16/2020 and 1/04/2021 (Contract 1) 6/20/23 and 7/1/23 (Contract 2)
Subtotal - Design	\$2,400,570		
Substantial Completion of Construction	\$3,500,000	\$28,630,000	Contract 1, projected SC at 8/17; FC 9/12 Contract 2A& B, est. 10/28/24 and 6/25/25.

NESPS Pump and Electrical Upgrades Project

Budget Status: \$1,280,139 billed out of current Design Budget of \$1,382,430; \$968,018 out of the current CCA Budget of \$2,443,262. The total construction amount invoiced as of May 31, 2023, is \$36,465,112.96 out of \$48,852,911.23 (including the now completed and operational Control Structure 9 Bulkhead Gate facility and adjusted for stored material inclusion in major work activities), representing 74.6% of the Pump & Electrical Upgrades Project.

Schedule Status: Work is currently delayed due to supply chain issues and electrical issues that occurred in the motor control cabinetry on August 23, 2022 as discussed in prior Reports. Contractor is working on an enhanced schedule to make up time but there is currently an estimated delay of 15.7 months. Repair of failed electrical equipment is underway. Rehabilitation and installation of Knife Gate valves # 2 and 5 is also underway.

The following Design Team and Construction Services Effort is active:

- Construction Phase services (RFIs, Submittals) are ongoing, and the engineering team is reviewing and responding.
- The new Sewage Pump #1 and #3 and Motor are substantially installed. In-place testing of Pump #1 ongoing week of July 10, 2023, to be followed by Pump #3.
- The concrete encased underground conduit for the new Fiber Optics communication line is complete from the NESPS to the GLWA Chemical Building termination. Work on the cable installation and tie-ins is complete and the line is operational.
- A review of alternative energy saving methods and pump sequence remains ongoing, incorporating GLWA SCC comments.
- Installation of small diameter conduit runs, lighting improvements, and wiring in the existing NESPS building is approaching substantial completion.
- Steel discharge piping for Pump 6 has been shipped to the site. All of the discharge piping is now inventoried at the jobsite.
- The August 23, 2022 Arc-Flash incident remains under investigation. The Construction Manager has filed a claim on the OCIP Builder's Risk insurance coverage for this event.
- Schedule adjustments are currently under discussion. The Contractor has revised the sequence of rehabilitation for the existing Pump Knife Gate Valves: KG#1 complete; removed, rehabbed and reinstalled KGV # 2, removed and rehabilitated KGV # 5, and expect to reinstall next week.
- Work on the alternate discharge piping installation for the Dewatering Pump is complete.

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

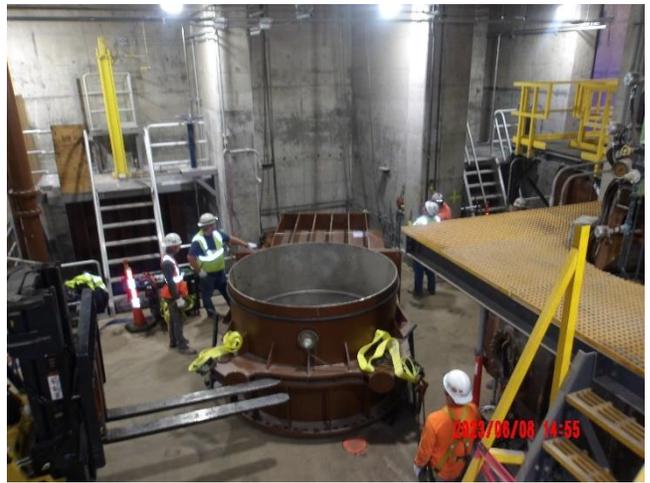
Work Item/ Milestone	Design/CCA Budget	Const Budget	Estimated Delivery Date
2 Final Basis of Design			5/31/2019
7 MDEQ Submittal (Part 41 Permit)			4/8/2020 (initial pkg)
8 90% Design Submittal			6/30/20
9 Final Package Development			8/14/2020
Subtotal	\$3,826,000	\$44,100,000	
10 Substantial Completion	\$2,500,000 (est.)	\$44,100,000 (est.)	5/30/2024 (late)
11 Final Completion			8/23/2024 (late)



**NESPS Refurbishment
Project Location**



Laramie Crane and De-Cal placing stop log at south wet well



De-Cal installing refurbished KGV2 on 6th Floor



Delivery of KGV5



Newly installed security camera

CS-9 Gate Installation - Complete

OMID Improvements at CS-6 Site (lining betwn CS-12 & CS-4)

The second phase of testing the pumps and system is complete and a trial run of the CS-12 flow control was performed on July 7, 2023. Debris removal is projected to begin the week of July 17, 2023. Hobas lining sections are scheduled for delivery during the week of July 10, 2023; last portion of work will involve lining the OMIDDD section between CS-12 and CS-4.



CS-12 status

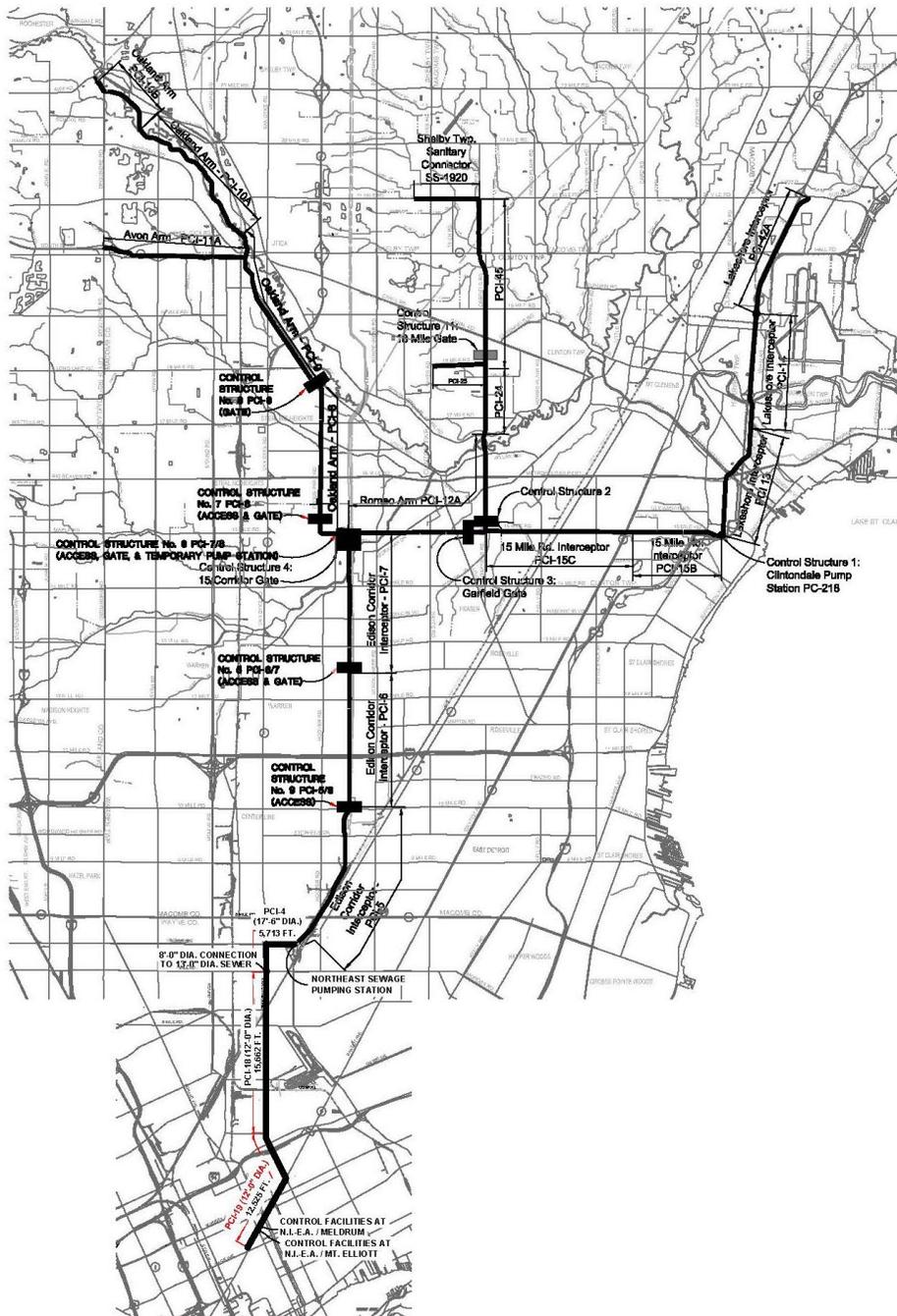


Trial run of CS-12 flow control

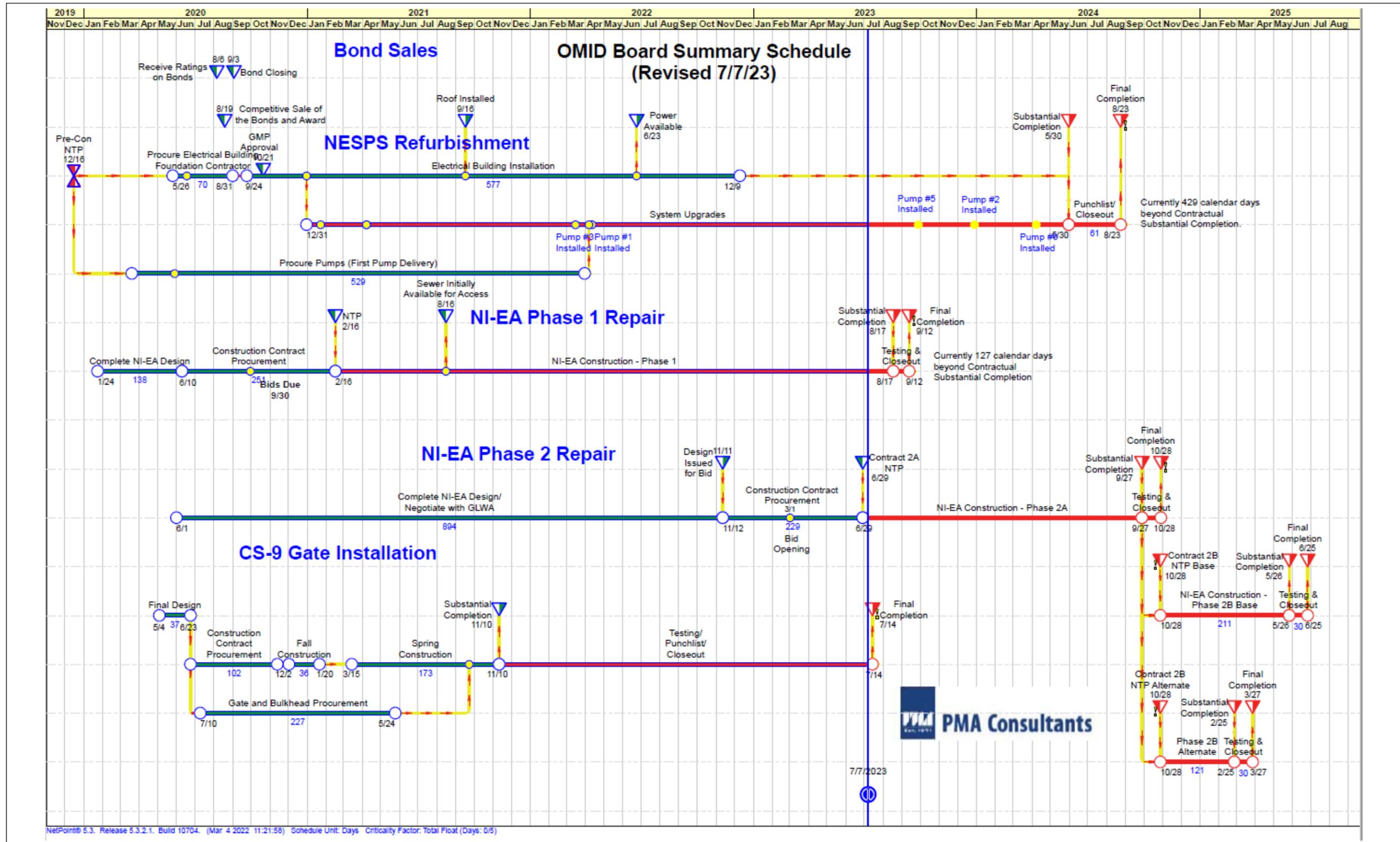
Summary of OMID Design and Construction Status:

Work In Construction Since 2009							
Seg. No	Contract No. (Description)	Contractor	Const. Comp?	As-Builts Final?	Balancing Change Order?	Contractor Closed Out?	Easements Settled?
1	Contract 1 (CS-9, 5, 3)	Ric-Man	Y	Y	Y	Y	Y
1	Contract 2 (CS-6, 7, 8)	Ric-Man	Y	Y	Y	Y	Y
2	Contract 3-2E (Gatehouse)	IWPC (Weiss)	Y	Y	Y	Y	N/A
2	Contract 3 (Grouting PCI-5 thru 8)	IWPC	Y	Y	Y	Y	Y
3	Contract 4 (Lining PCI-5 thru 8)	Jay Dee Cont.	Y	Y	Y	Y	Y
4	Contract 5 (Lining PCI-9, 10A/B)	Lanzo	Y	Y	Y	Y	N
4	Contract 6 (Lining PCI-11A)	Lanzo	Y	Y	Y	Y	Y
N/A	Contract 7 (Lining 110' of NIEA)	IWPC	Y	Y	Y	Y	N/A
N/A	Odor/Corrosion Control System	CSM	Y	Y	Y	Y	N/A
N/A	Control Structure Modifications	CSM/Hesco/MCE	Y/Y/Y	Y/Y/N	Y/Y/N	Y/Y/N	N/A
N/A	OMID Maintenance Repairs	Doetsch	Y	N	N	N	N/A
N/A	CS-9 Gate Modifications	Walsh as CMR	Y	Y	N	N	Y
N/A	NESPS Pump & Electrical Upgrade	ASI;Walsh as CMAR	N	N	N	N	Y
N/A	NIEA-OMIDDD Contract 1 (PCI-4)	Marra	N	N	N	N	N
N/A	NIEA-OMIDDD Cont 2 (PCI-18/19)	Z Cont.	N	N	N	N	N

Work Currently in Design/Study/Engineering		
Description	Design Consultant	Status
System-wide Odor/Corrosion Design	Jacobs	Study Complete, Design Ongoing
NESPS & OMID Maintenance & Repairs	Metco	Engineering/Maintenance Ongoing
Emergency Pumping Plan	ASI/NTH/FKE	Draft Plan to be modified following ITC bypass pumping modifications



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



OMID Project Schedule Summary

Agenda Item No. 9

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

YTD Trial Balance Fund: 84917 Oakland Macomb InterceptorSeg5 As of Fiscal Period: Month 9, 2023		OMID SEGMENT 5 BOND ISSUE PRJ-13252	OMID NI-EA CONSTRUCTION PRJ-13308	NESPS MECH-ELEC CONSTRUCTION PRJ-13309	YTD Balance
100100	Cash - Operating	6,206,172.26	7,775,974.39	17,364,565.45	31,346,712.10
104100	Accrued Interest on Investment	(163,222.04)			(163,222.04)
126105	Due from Municipalities	5,279,496.00			5,279,496.00
143100	PrepaidExpenses		10,416.66		10,416.66
	ASSETS	11,322,446.22	7,786,391.05	17,364,565.45	36,473,402.72
201210	Vouchers Payable AP Cont			(429,953.84)	(429,953.84)
222300	Unearned Revenues	576,414.65	(2,407,672.79)	(4,956,470.90)	(6,787,729.04)
230852	Accounts Payable		(550,749.93)		(550,749.93)
	LIABILITIES	576,414.65	(2,958,422.72)	(5,386,424.74)	(7,768,432.81)
605000	Special Assessments Revenue	(9,562,443.00)			(9,562,443.00)
655000	Income From Investments	(1,721,638.08)			(1,721,638.08)
670000	Other Revenues				0.00
	REVENUES	(11,284,081.08)	0.00	0.00	(11,284,081.08)
730000	Contractual Services		4,487,257.79	4,689,485.84	9,176,743.63
770000	Internal Support Expenditures		53,866.21	100,680.33	154,546.54
	EXPENSES	0.00	4,541,124.00	4,790,166.17	9,331,290.17
381315	FB Restricted Debt	(47,288,433.00)			(47,288,433.00)
382100	FB Committed for Capital Proj	46,673,653.21	(9,369,092.33)	(16,768,306.88)	20,536,254.00
	Fund Balance	(614,779.79)	(9,369,092.33)	(16,768,306.88)	(26,752,179.00)
		0.00	0.00	(0.00)	(0.00)

Cash as of 06/30/2023 \$ 31,346,712.10

Invoices/Reimbursements for NIEA Construction on Current Agenda impacting Cash Balance (24,192.04)

Invoices/Reimbursements for NESPS Mech / Electrical Construction on Current Agenda impacting Cash Balance (96,070.57)

Total Net Cash Balance \$ 31,226,449.49

OCM Project Work In Progress

Company Oakland County
Projects and Project Hierarchies PRJ-13308 OMID NI-EA CONSTRUCTION
Budget Structure Project Task
Period FY2023 - Jun

Project	Final Budget	Actuals MTD	Actuals YTD	Total Spend YTD	Actuals LTD	Variance
Project Expenses	28,395,600.00	572,520.32	4,541,124.00	4,541,124.00	21,159,958.88	7,235,641.12
1 > Administration	584,000.00	0.00	0.00	0.00	175,749.40	408,250.60
1 > Contingency	2,581,000.00	0.00	0.00	0.00	0.00	2,581,000.00
1 > Engineering	478,000.00	20,202.38	60,496.60	60,496.60	184,432.19	293,567.81
1 > Engineering Consultants	4,913,000.00	135,075.71	1,930,405.05	1,930,405.05	5,001,457.46	(88,457.46)
1 > Facility Acquisition	17,983,600.00	403,747.56	2,330,528.92	2,330,528.92	15,295,767.27	2,687,832.73
1 > Inspection	260,000.00	0.00	0.00	0.00	0.00	260,000.00
1 > Legal and Financial	1,259,000.00	3,078.00	110,866.09	110,866.09	235,089.59	1,023,910.41
1 > Right of Way	265,000.00	0.00	2,218.27	2,218.27	78,714.29	186,285.71
1 > STANDARD	40,000.00	10,416.67	106,609.07	106,609.07	188,748.68	(148,748.68)
1 > Survey	32,000.00	0.00	0.00	0.00	0.00	32,000.00
Project Revenues	0.00	0.00	0.00	0.00	25,987,927.21	
RC605572 - Special Assessments Revenue	0.00	0.00	0.00	0.00	4,022,827.56	
RC697551 - Issuance of Bonds	0.00	0.00	0.00	0.00	21,965,099.65	
Revenue Over/ (Under) Expenses					4,827,968.33	

OCM Project Work In Progress

Company Oakland County
Projects and Project Hierarchies PRJ-13309 NESPS MECH-ELEC CONSTRUCTION
Budget Structure Project Task
Period FY2023 - Jun

Project	Final Budget	Actuals MTD	Actuals YTD	Total Spend YTD	Actuals LTD	Variance
Project Expenses	54,086,000.00	500,212.89	4,790,166.17	4,790,166.17	37,151,388.39	16,934,611.61
1 > Administration	620,000.00	0.00	(51,255.00)	(51,255.00)	44,200.00	575,800.00
1 > Contingency	4,917,000.00	0.00	0.00	0.00	0.00	4,917,000.00
1 > Engineering	446,000.00	10,768.24	67,541.90	67,541.90	258,800.30	187,199.70
1 > Engineering Consultants	3,987,000.00	0.00	69,273.47	69,273.47	2,700,085.22	1,286,914.78
1 > Facility Acquisition	40,857,000.00	304,953.84	4,365,663.16	4,365,663.16	32,643,728.37	8,213,271.63
1 > Inspection	285,000.00	6,855.96	30,988.12	30,988.12	372,295.57	(87,295.57)
1 > Legal and Financial	2,417,000.00	0.00	55,526.89	55,526.89	235,326.89	2,181,673.11
1 > Right of Way	393,000.00	0.00	0.00	0.00	0.00	393,000.00
1 > STANDARD	130,000.00	176,255.00	250,277.32	250,277.32	894,801.73	(764,801.73)
1 > Survey	34,000.00	1,379.85	2,150.31	2,150.31	2,150.31	31,849.69
Project Revenues	0.00	0.00	0.00	0.00	49,129,529.10	
RC605572 - Special Assessments Revenue	0.00	0.00	0.00	0.00	7,291,907.09	
RC697551 - Issuance of Bonds	0.00	0.00	0.00	0.00	41,837,622.01	
Revenue Over/ (Under) Expenses					11,978,140.71	

OCM Project Work In Progress

Company Oakland County
Projects and Project Hierarchies PRJ-13252 OMID Segment 5
Budget Structure Project Task
Period FY2023 - Jun

Project	Actuals MTD	Commitments	Obligations YTD	Actuals YTD	Total Spend YTD	Actuals LTD
Project Expenses	0.00	0.00	0.00	0.00	0.00	757,136.57
1 > Administration	0.00	0.00	0.00	0.00	0.00	242,201.57
1 > Legal and Financial	0.00	0.00	0.00	0.00	0.00	514,935.00
1 > STANDARD	0.00	0.00	0.00	0.00	0.00	0.00
Project Revenues	9,591,469.67	0.00	0.00	11,284,081.08	(11,284,081.08)	12,655,997.44
RC605572 - Special	9,562,443.00	0.00	0.00	9,562,443.00	(9,562,443.00)	10,456,503.05
RC655077 - Accrued Interest	4,120.95	0.00	0.00	67,411.29	(67,411.29)	(76,498.00)
RC655385 - Income from	24,905.72	0.00	0.00	262,600.18	(262,600.18)	1,189,905.06
RC655462 - Increase Market	0.00	0.00	0.00	1,391,626.61	(1,391,626.61)	1,084.24
RC670513 - Prior Years Revenue	0.00	0.00	0.00	0.00	0.00	0.00
RC697219 - Premiums on Bonds	0.00	0.00	0.00	0.00	0.00	7,672,724.75
RC697551 - Issuance of Bonds	0.00	0.00	0.00	0.00	0.00	(6,587,721.66)
Revenue Over/ (Under) Expenses						11,898,860.87

Oakland County - Water Resources Commissioner's Office
Fund Equity: Schedule of Reserves and Dedicated Funds
As of Date: June 30, 2023

Fund	Description	Major Maintenance	Emergency Maintenance Reserve	Capital Improvement	Undesignated	Committed for Capital Projects	Total Equity
82912	OMIDD Maintenance Fund	3,706,054.71	3,288,871.77	2,544,188.82	7,120,893.09		16,660,008.39
84917	OMIDD Seg 5						
	- Project 1-3252 Interceptor Seg 5					11,898,860.87	
	- Project 1-3308 NI - EA Construction					4,827,968.33	
	- Project 1-3309 NESPS Construction					<u>11,978,140.71</u>	<u>28,704,969.91</u>
Total Equity in Maintenance and Construction Funds							<u><u>45,364,978.30</u></u>

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

OAKLAND MACOMB INTERCEPTOR DRAINAGE BOARD - APPROVAL OF INVOICES/REIMBURSEMENTS

OMIDD Meeting Date 07/19/2023

Payable To	Invoice #	84917	84917	82912	Total
		1-3308	1-3309		
		<u>Segment 5 NIEA Construction</u>	<u>Segment 5 NESPS Mech / Electric Construction</u>	<u>Operations & Maintenance</u>	
Oakland County *	WRC Labor/Fringes/Non-direct Labor (05/20/2023 - 06/30/2023)	10,889.65	18,015.32		28,904.97
Oakland County *	WRC Equipment (05/20/2023 - 06/30/2023)	464.07	988.73		1,452.80
Applied Science, Inc	Invoice # 51 (ASI Inv. #8438) Services 4/30/2023 - 05/27/2023		94,685.46	14,689.50	109,374.96
Applied Science, Inc	Invoice # 51a (ASI Inv. #8439) Services 4/30/2023 - 05/27/2023		961.13		961.13
Clark Hill PLC	Invoice # 1323246 Matter 404547 NIEA Improvements Services Through 05/31/2023	1,782.00			1,782.00
Jacobs Consultants, Inc.	Invoice # C6A19900-09 OMIDD Odor & Corrosion Facilities 04/29/2023 - 05/26/2023			66,665.76	66,665.76
METCO	Invoice # 1811-54 05/29/2023 Through 07/02/2023			82,069.73	\$82,069.73
NTH Consultants	Invoice # 633225 OMIDD System Inspection 05/27/2023 Through 07/7/2023			788.52	788.52
NTH Consultants	Invoice # 633226 OMIDD Immediate Repairs 02/18/2023 Through 06/23/2023			484.49	\$484.49
NTH Consultants	Invoice # 633227 NIEA Design for PCI-4 05/27/2023 - 06/23/2023	4,928.20			4,928.20
NTH Consultants	Invoice # 633228 (D-421) Engineering Design NESPS 03/25/2023 - 06/23/2023		423.98		\$423.98
PMA Consultants	Invoice # 03559.01 - 36 Professional Services Through 05/31/23	17,481.84			\$17,481.84
Rotor Electric Company of Michigan	Invoice # 12601 P4 No Bearing Water EMG Response 03/24/2023			594.00	\$594.00
Rotor Electric Company of Michigan	Invoice # 12602 P2 Trip Event 01/23/2023			7,233.28	\$7,233.28
Rotor Electric Company of Michigan	Invoice # 12603 WO# 823 T3 Switching & Prep For Extended T4 Shutdown 12/20/2022			10,168.00	\$10,168.00
Rotor Electric Company of Michigan	Invoice # 12612 WO# 679 Generator Shelter Maint 04/07/2023			2,738.50	\$2,738.50
Rotor Electric Company of Michigan	Invoice # 12613 WO# 707 Unit Substation P4 Maint 04/20/2023			3,662.50	\$3,662.50
Rotor Electric Company of Michigan	Invoice # 12614 WO# 708 XFMR Liquid and Dissolved Gas Sampling 04/27/2024			1,024.63	\$1,024.63
Rotor Electric Company of Michigan	Invoice # 12615 WO# 712 Contactor and Relay Testing & Maint 03/10/2023			5,420.50	\$5,420.50
Rotor Electric Company of Michigan	Invoice # 12616 WO#713 MV Breaker & Relay Testing 04/07/2023			9,208.30	\$9,208.30
Rotor Electric Company of Michigan	Invoice # 12617 WO# 714 Unit Sub 1A Maint and Testing 04/17/2023			3,223.00	\$3,223.00
Rotor Electric Company of Michigan	Invoice # 12618 WO# 715 Unit Sub 1B Maint and Testing 06/08/2023			4,248.50	\$4,248.50
Rotor Electric Company of Michigan	Invoice # 12619 WO# 864 Switchgear Battery Maint 04/10/2023			2,548.00	\$2,548.00
Rotor Electric Company of Michigan	Invoice # 12620 WO# 880 4-2023 P2-P4 Motor Maint 04/10/2023			2,957.51	\$2,957.51
Rotor Electric Company of Michigan	Invoice # 12621 WO# 919 P2 VFD Filter Cleaning 04/07/2023			732.50	\$732.50
Rotor Electric Company of Michigan	Invoice # 12622 WO# 922 Pump P% 43 Control Switch Replacement 04/13/2023			732.50	\$732.50
Rotor Electric Company of Michigan	Invoice # 12623 WO# 941 Pump P2 5-15-23 Trip Event 05/15/2023			732.50	\$732.50
Rotor Electric Company of Michigan	Invoice # 12624 WO# 945 Pump P5 Troubleshooting 05/17/2023			1,025.00	\$1,025.00
Rotor Electric Company of Michigan	Invoice # 12625 WO# 947 Pump P2 Contractor Cubicle Loose Fuse Holder 04/03/2023			732.50	\$732.50
	Total Invoices/Reimbursements for Approval	\$35,545.76	\$115,074.62	\$164,698.00	315,318.38
	* Less WRC Charges already paid from OMI Fund	(11,353.72)	(19,004.05)		(30,357.77)
	Total Invoices/Reimbursements that will impact Cash Balance listed on Current Trial Balance submitted to OMI Drain Board	\$24,192.04	\$96,070.57	\$164,698.00	\$284,960.61

Agenda Item No. 10

Invoices

OMI Segment 5 NESP Mech - Elect Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 5/20/23 - 6/16/23									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
1094849	5/26/2023	5/8/2023	BROWN, JOEL	1.00	\$131.55	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	5/26/2023	5/9/2023	BROWN, JOEL	2.00	\$263.10	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	5/26/2023	5/10/2023	BROWN, JOEL	2.50	\$328.88	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	5/26/2023	5/11/2023	BROWN, JOEL	5.00	\$657.75	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	5/26/2023	5/12/2023	BROWN, JOEL	4.00	\$526.20	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	5/26/2023	5/15/2023	BROWN, JOEL	3.00	\$394.65	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	5/26/2023	5/17/2023	BROWN, JOEL	4.00	\$526.20	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	5/26/2023	5/18/2023	BROWN, JOEL	4.50	\$591.98	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	5/26/2023	5/19/2023	BROWN, JOEL	3.00	\$394.65	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	6/7/2023	5/22/2023	BROWN, JOEL	0.50	\$65.78	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	6/7/2023	5/25/2023	BROWN, JOEL	3.50	\$460.43	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	6/7/2023	5/26/2023	BROWN, JOEL	4.00	\$526.20	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	6/7/2023	6/1/2023	BROWN, JOEL	3.00	\$394.65	REGULAR	WRCCON	PRJ-13309	ENGINEERING
			BROWN, JOEL Total		\$5,262.02				
1094849	5/22/2023	5/8/2023	LOCKHART, SIDNEY	2.00	\$286.04	REGULAR	WRCADM	PRJ-13309	ENGINEERING
1094849	5/22/2023	5/9/2023	LOCKHART, SIDNEY	2.00	\$286.04	REGULAR	WRCADM	PRJ-13309	ENGINEERING
1094849	5/22/2023	5/10/2023	LOCKHART, SIDNEY	3.00	\$429.06	REGULAR	WRCADM	PRJ-13309	ENGINEERING
1094849	5/22/2023	5/11/2023	LOCKHART, SIDNEY	2.00	\$286.04	REGULAR	WRCADM	PRJ-13309	ENGINEERING
1094849	5/22/2023	5/15/2023	LOCKHART, SIDNEY	3.00	\$429.06	REGULAR	WRCADM	PRJ-13309	ENGINEERING
1094849	5/22/2023	5/16/2023	LOCKHART, SIDNEY	2.00	\$286.04	REGULAR	WRCADM	PRJ-13309	ENGINEERING
1094849	5/22/2023	5/17/2023	LOCKHART, SIDNEY	2.00	\$286.04	REGULAR	WRCADM	PRJ-13309	ENGINEERING
1094849	5/22/2023	5/18/2023	LOCKHART, SIDNEY	2.00	\$286.04	REGULAR	WRCADM	PRJ-13309	ENGINEERING
1094849	6/5/2023	5/22/2023	LOCKHART, SIDNEY	2.00	\$286.04	REGULAR	WRCADM	PRJ-13309	ENGINEERING
1094849	6/5/2023	5/23/2023	LOCKHART, SIDNEY	2.00	\$286.04	REGULAR	WRCADM	PRJ-13309	ENGINEERING
1094849	6/5/2023	5/24/2023	LOCKHART, SIDNEY	2.00	\$286.04	REGULAR	WRCADM	PRJ-13309	ENGINEERING
1094849	6/5/2023	5/25/2023	LOCKHART, SIDNEY	2.00	\$286.04	REGULAR	WRCADM	PRJ-13309	ENGINEERING
1094849	6/5/2023	5/30/2023	LOCKHART, SIDNEY	1.00	\$143.02	REGULAR	WRCADM	PRJ-13309	ENGINEERING
1094849	6/5/2023	5/31/2023	LOCKHART, SIDNEY	2.00	\$286.04	REGULAR	WRCADM	PRJ-13309	ENGINEERING
1094849	6/5/2023	6/1/2023	LOCKHART, SIDNEY	1.00	\$143.02	REGULAR	WRCADM	PRJ-13309	ENGINEERING
			LOCKHART, SIDNEY Total		\$4,290.60				
1050210	5/30/2023	5/23/2023	POUSHO, ROBERT	8.00	\$459.20	REGULAR	WRCCON	PRJ-13309	INSPECTION
1050210	5/30/2023	5/25/2023	POUSHO, ROBERT	8.00	\$459.20	REGULAR	WRCCON	PRJ-13309	INSPECTION
1050210	5/30/2023	5/30/2023	POUSHO, ROBERT	8.00	\$459.20	REGULAR	WRCCON	PRJ-13309	INSPECTION
1050210	5/30/2023	6/1/2023	POUSHO, ROBERT	8.00	\$459.20	REGULAR	WRCCON	PRJ-13309	INSPECTION
1050210	6/13/2023	6/6/2023	POUSHO, ROBERT	8.00	\$459.20	REGULAR	WRCCON	PRJ-13309	INSPECTION
1050210	6/13/2023	6/8/2023	POUSHO, ROBERT	10.00	\$574.00	REGULAR	WRCCON	PRJ-13309	INSPECTION
1050210	6/13/2023	6/13/2023	POUSHO, ROBERT	8.00	\$459.20	REGULAR	WRCCON	PRJ-13309	INSPECTION
1050210	6/13/2023	6/15/2023	POUSHO, ROBERT	8.00	\$459.20	REGULAR	WRCCON	PRJ-13309	INSPECTION
1050210	6/27/2023	6/20/2023	POUSHO, ROBERT	8.00	\$459.20	REGULAR	WRCCON	PRJ-13309	INSPECTION
1050210	6/27/2023	6/22/2023	POUSHO, ROBERT	8.00	\$459.20	REGULAR	WRCCON	PRJ-13309	INSPECTION
1050210	6/27/2023	6/27/2023	POUSHO, ROBERT	8.00	\$459.20	REGULAR	WRCCON	PRJ-13309	INSPECTION
1050210	6/27/2023	6/28/2023	POUSHO, ROBERT	8.00	\$459.20	REGULAR	WRCCON	PRJ-13309	INSPECTION
1050210	6/27/2023	6/29/2023	POUSHO, ROBERT	8.00	\$459.20	REGULAR	WRCCON	PRJ-13309	INSPECTION
1050210	6/27/2023	6/30/2023	POUSHO, ROBERT	8.00	\$459.20	REGULAR	WRCCON	PRJ-13309	INSPECTION
			POUSHO, ROBERT Total		\$6,543.60				
1131289	5/24/2023	5/8/2023	PUSCAS, JACK J	3.00	\$242.46	REGULAR	WRCADM	PRJ-13309	ENGINEERING
1131289	5/24/2023	5/15/2023	PUSCAS, JACK J	4.00	\$323.28	REGULAR	WRCADM	PRJ-13309	ENGINEERING
1131289	6/7/2023	5/22/2023	PUSCAS, JACK J	1.00	\$80.82	REGULAR	WRCADM	PRJ-13309	ENGINEERING
1131289	6/7/2023	5/30/2023	PUSCAS, JACK J	1.00	\$80.82	REGULAR	WRCADM	PRJ-13309	ENGINEERING
1131289	6/21/2023	6/5/2023	PUSCAS, JACK J	1.00	\$80.82	REGULAR	WRCADM	PRJ-13309	ENGINEERING
			PUSCAS, JACK J Total		\$808.20				
1170500	6/15/2023	6/15/2023	ROBINSON, RYAN	10.00	\$740.60	REGULAR	WRCCDM	PRJ-13309	SURVEY
1170500	6/22/2023	6/22/2023	ROBINSON, RYAN	5.00	\$370.30	REGULAR	WRCCDM	PRJ-13309	SURVEY
			ROBINSON, RYAN Total		\$1,110.90				
			Grand Total		\$18,015.32				

OMI Segment 5 NESP Mech - Elect Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 5/20/23 - 6/16/23									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
1094849	05/26/23	05/08/23	BROWN, JOEL	1.00	0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	05/26/23	05/08/23	BROWN, JOEL	1.00	2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	05/26/23	05/08/23	BROWN, JOEL	1.00	0.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	05/26/23	05/09/23	BROWN, JOEL	2.00	0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	05/26/23	05/09/23	BROWN, JOEL	2.00	4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	05/26/23	05/09/23	BROWN, JOEL	2.00	0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	05/26/23	05/10/23	BROWN, JOEL	2.50	1.00	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	05/26/23	05/10/23	BROWN, JOEL	2.50	5.85	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	05/26/23	05/10/23	BROWN, JOEL	2.50	0.63	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	05/26/23	05/11/23	BROWN, JOEL	5.00	2.00	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	05/26/23	05/11/23	BROWN, JOEL	5.00	11.70	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	05/26/23	05/11/23	BROWN, JOEL	5.00	1.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	05/26/23	05/12/23	BROWN, JOEL	4.00	1.60	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	05/26/23	05/12/23	BROWN, JOEL	4.00	9.36	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	05/26/23	05/12/23	BROWN, JOEL	4.00	1.00	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	05/26/23	05/15/23	BROWN, JOEL	3.00	1.20	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	05/26/23	05/15/23	BROWN, JOEL	3.00	7.02	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	05/26/23	05/15/23	BROWN, JOEL	3.00	0.75	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	05/26/23	05/17/23	BROWN, JOEL	4.00	1.60	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	05/26/23	05/17/23	BROWN, JOEL	4.00	9.36	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	05/26/23	05/17/23	BROWN, JOEL	4.00	1.00	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	05/26/23	05/18/23	BROWN, JOEL	4.50	1.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	05/26/23	05/18/23	BROWN, JOEL	4.50	10.53	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	05/26/23	05/18/23	BROWN, JOEL	4.50	1.13	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	05/26/23	05/19/23	BROWN, JOEL	3.00	1.20	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	05/26/23	05/19/23	BROWN, JOEL	3.00	7.02	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	05/26/23	05/19/23	BROWN, JOEL	3.00	0.75	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	06/07/23	05/22/23	BROWN, JOEL	0.50	0.20	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	06/07/23	05/22/23	BROWN, JOEL	0.50	1.17	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	06/07/23	05/22/23	BROWN, JOEL	0.50	0.13	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	06/07/23	05/25/23	BROWN, JOEL	3.50	1.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	06/07/23	05/25/23	BROWN, JOEL	3.50	8.19	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	06/07/23	05/25/23	BROWN, JOEL	3.50	0.88	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	06/07/23	05/26/23	BROWN, JOEL	4.00	1.60	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	06/07/23	05/26/23	BROWN, JOEL	4.00	9.36	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	06/07/23	05/26/23	BROWN, JOEL	4.00	1.00	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	06/07/23	06/01/23	BROWN, JOEL	3.00	1.20	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	06/07/23	06/01/23	BROWN, JOEL	3.00	7.02	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	06/07/23	06/01/23	BROWN, JOEL	3.00	0.75	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
			BROWN, JOEL Total		119.62				
1094849	05/22/23	05/08/23	LOCKHART, SIDNEY	2.00	11.38	ASSIGNED	Blazer/Suburbans	PRJ-13309	ENGINEERING
1094849	05/22/23	05/08/23	LOCKHART, SIDNEY	2.00	0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	05/22/23	05/08/23	LOCKHART, SIDNEY	2.00	4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	05/22/23	05/08/23	LOCKHART, SIDNEY	2.00	0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	05/22/23	05/09/23	LOCKHART, SIDNEY	2.00	11.38	ASSIGNED	Blazer/Suburbans	PRJ-13309	ENGINEERING
1094849	05/22/23	05/09/23	LOCKHART, SIDNEY	2.00	0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	05/22/23	05/09/23	LOCKHART, SIDNEY	2.00	4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	05/22/23	05/09/23	LOCKHART, SIDNEY	2.00	0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	05/22/23	05/10/23	LOCKHART, SIDNEY	3.00	17.07	ASSIGNED	Blazer/Suburbans	PRJ-13309	ENGINEERING
1094849	05/22/23	05/10/23	LOCKHART, SIDNEY	3.00	1.20	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	05/22/23	05/10/23	LOCKHART, SIDNEY	3.00	7.02	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	05/22/23	05/10/23	LOCKHART, SIDNEY	3.00	0.75	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	05/22/23	05/11/23	LOCKHART, SIDNEY	2.00	11.38	ASSIGNED	Blazer/Suburbans	PRJ-13309	ENGINEERING
1094849	05/22/23	05/11/23	LOCKHART, SIDNEY	2.00	0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	05/22/23	05/11/23	LOCKHART, SIDNEY	2.00	4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	05/22/23	05/11/23	LOCKHART, SIDNEY	2.00	0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	05/22/23	05/15/23	LOCKHART, SIDNEY	3.00	17.07	ASSIGNED	Blazer/Suburbans	PRJ-13309	ENGINEERING
1094849	05/22/23	05/15/23	LOCKHART, SIDNEY	3.00	1.20	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	05/22/23	05/15/23	LOCKHART, SIDNEY	3.00	7.02	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	05/22/23	05/15/23	LOCKHART, SIDNEY	3.00	0.75	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	05/22/23	05/16/23	LOCKHART, SIDNEY	2.00	11.38	ASSIGNED	Blazer/Suburbans	PRJ-13309	ENGINEERING
1094849	05/22/23	05/16/23	LOCKHART, SIDNEY	2.00	0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	05/22/23	05/16/23	LOCKHART, SIDNEY	2.00	4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	05/22/23	05/16/23	LOCKHART, SIDNEY	2.00	0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	05/22/23	05/17/23	LOCKHART, SIDNEY	2.00	11.38	ASSIGNED	Blazer/Suburbans	PRJ-13309	ENGINEERING
1094849	05/22/23	05/17/23	LOCKHART, SIDNEY	2.00	0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	05/22/23	05/17/23	LOCKHART, SIDNEY	2.00	4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	05/22/23	05/17/23	LOCKHART, SIDNEY	2.00	0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	05/22/23	05/18/23	LOCKHART, SIDNEY	2.00	11.38	ASSIGNED	Blazer/Suburbans	PRJ-13309	ENGINEERING
1094849	05/22/23	05/18/23	LOCKHART, SIDNEY	2.00	0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	05/22/23	05/18/23	LOCKHART, SIDNEY	2.00	4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	05/22/23	05/18/23	LOCKHART, SIDNEY	2.00	0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	06/05/23	05/22/23	LOCKHART, SIDNEY	2.00	11.38	ASSIGNED	Blazer/Suburbans	PRJ-13309	ENGINEERING
1094849	06/05/23	05/22/23	LOCKHART, SIDNEY	2.00	0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	06/05/23	05/22/23	LOCKHART, SIDNEY	2.00	4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	06/05/23	05/22/23	LOCKHART, SIDNEY	2.00	0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING

1094849	06/05/23	05/23/23	LOCKHART, SIDNEY	2.00	11.38	ASSIGNED	Blazer/Suburbans	PRJ-13309	ENGINEERING
1094849	06/05/23	05/23/23	LOCKHART, SIDNEY	2.00	0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	06/05/23	05/23/23	LOCKHART, SIDNEY	2.00	4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	06/05/23	05/23/23	LOCKHART, SIDNEY	2.00	0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	06/05/23	05/24/23	LOCKHART, SIDNEY	2.00	11.38	ASSIGNED	Blazer/Suburbans	PRJ-13309	ENGINEERING
1094849	06/05/23	05/24/23	LOCKHART, SIDNEY	2.00	0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	06/05/23	05/24/23	LOCKHART, SIDNEY	2.00	4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	06/05/23	05/24/23	LOCKHART, SIDNEY	2.00	0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	06/05/23	05/25/23	LOCKHART, SIDNEY	2.00	11.38	ASSIGNED	Blazer/Suburbans	PRJ-13309	ENGINEERING
1094849	06/05/23	05/25/23	LOCKHART, SIDNEY	2.00	0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	06/05/23	05/25/23	LOCKHART, SIDNEY	2.00	4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	06/05/23	05/25/23	LOCKHART, SIDNEY	2.00	0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	06/05/23	05/30/23	LOCKHART, SIDNEY	1.00	5.69	ASSIGNED	Blazer/Suburbans	PRJ-13309	ENGINEERING
1094849	06/05/23	05/30/23	LOCKHART, SIDNEY	1.00	0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	06/05/23	05/30/23	LOCKHART, SIDNEY	1.00	2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	06/05/23	05/30/23	LOCKHART, SIDNEY	1.00	0.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	06/05/23	05/31/23	LOCKHART, SIDNEY	2.00	11.38	ASSIGNED	Blazer/Suburbans	PRJ-13309	ENGINEERING
1094849	06/05/23	05/31/23	LOCKHART, SIDNEY	2.00	0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	06/05/23	05/31/23	LOCKHART, SIDNEY	2.00	4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	06/05/23	05/31/23	LOCKHART, SIDNEY	2.00	0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	06/05/23	06/01/23	LOCKHART, SIDNEY	1.00	5.69	ASSIGNED	Blazer/Suburbans	PRJ-13309	ENGINEERING
1094849	06/05/23	06/01/23	LOCKHART, SIDNEY	1.00	0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	06/05/23	06/01/23	LOCKHART, SIDNEY	1.00	2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	06/05/23	06/01/23	LOCKHART, SIDNEY	1.00	0.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
			LOCKHART, SIDNEY Total		260.40				
1050210	05/30/23	05/23/23	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	05/30/23	05/23/23	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	05/30/23	05/25/23	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	05/30/23	05/25/23	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	05/30/23	05/30/23	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	05/30/23	05/30/23	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	05/30/23	06/01/23	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	05/30/23	06/01/23	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	06/13/23	06/06/23	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	06/13/23	06/06/23	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	06/13/23	06/08/23	POUSHO, ROBERT	10.00	4.00	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	06/13/23	06/08/23	POUSHO, ROBERT	10.00	23.40	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	06/13/23	06/13/23	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	06/13/23	06/13/23	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	06/13/23	06/15/23	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	06/13/23	06/15/23	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	06/27/23	06/20/23	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	06/27/23	06/20/23	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	06/27/23	06/22/23	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	06/27/23	06/22/23	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	06/27/23	06/27/23	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	06/27/23	06/27/23	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	06/27/23	06/28/23	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	06/27/23	06/28/23	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	06/27/23	06/29/23	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	06/27/23	06/29/23	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	06/27/23	06/30/23	POUSHO, ROBERT	8.00	3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	06/27/23	06/30/23	POUSHO, ROBERT	8.00	18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
			POUSHO, ROBERT Total		312.36				
1131289	05/24/23	05/08/23	PUSCAS, JACK J	3.00	1.20	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1131289	05/24/23	05/08/23	PUSCAS, JACK J	3.00	7.02	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1131289	05/24/23	05/15/23	PUSCAS, JACK J	4.00	1.60	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1131289	05/24/23	05/15/23	PUSCAS, JACK J	4.00	9.36	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1131289	06/07/23	05/22/23	PUSCAS, JACK J	1.00	0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1131289	06/07/23	05/22/23	PUSCAS, JACK J	1.00	2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1131289	06/07/23	05/30/23	PUSCAS, JACK J	1.00	0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1131289	06/07/23	05/30/23	PUSCAS, JACK J	1.00	2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1131289	06/21/23	06/05/23	PUSCAS, JACK J	1.00	0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1131289	06/21/23	06/05/23	PUSCAS, JACK J	1.00	2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
			PUSCAS, JACK J Total		27.40				
1170500	06/15/23	06/15/23	ROBINSON, RYAN	10.00	56.90	ASSIGNED	3/4 Ton Pick-up	PRJ-13309	SURVEY
1170500	06/15/23	06/15/23	ROBINSON, RYAN	10.00	4.00	ASSIGNED	Cell Phone	PRJ-13309	SURVEY
1170500	06/15/23	06/15/23	ROBINSON, RYAN	10.00	23.40	ASSIGNED	PC/Computer	PRJ-13309	SURVEY
1170500	06/22/23	06/22/23	ROBINSON, RYAN	5.00	28.45	ASSIGNED	3/4 Ton Pick-up	PRJ-13309	SURVEY
1170500	06/22/23	06/22/23	ROBINSON, RYAN	5.00	2.00	ASSIGNED	Cell Phone	PRJ-13309	SURVEY
1170500	06/22/23	06/22/23	ROBINSON, RYAN	5.00	11.70	ASSIGNED	PC/Computer	PRJ-13309	SURVEY
			ROBINSON, RYAN Total		126.45				
1170500	06/15/23	06/15/23	CDM Leica TS15P R400	10.00	95.00	UNASSIGNED		PRJ-13309	SURVEY
1170500	06/22/23	06/22/23	CDM Leica TS15P R400	5.00	47.50	UNASSIGNED		PRJ-13309	SURVEY
			CDM Leica TS15P R400 Total		142.50				
			Grand Total		988.73				

OMI Segment 5 NI-EA Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 5/20/23 - 6/16/23									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
1094815	5/26/2023	5/9/2023	BROWN, JOEL	0.50	\$65.78	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	5/26/2023	5/10/2023	BROWN, JOEL	2.50	\$328.88	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	5/26/2023	5/11/2023	BROWN, JOEL	1.00	\$131.55	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	5/26/2023	5/12/2023	BROWN, JOEL	2.50	\$328.88	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	5/26/2023	5/15/2023	BROWN, JOEL	2.50	\$328.88	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	5/26/2023	5/17/2023	BROWN, JOEL	1.00	\$131.55	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	5/26/2023	5/18/2023	BROWN, JOEL	1.50	\$197.33	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	5/26/2023	5/19/2023	BROWN, JOEL	1.50	\$197.33	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	6/7/2023	5/22/2023	BROWN, JOEL	1.00	\$131.55	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	6/7/2023	5/23/2023	BROWN, JOEL	0.50	\$65.78	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	6/7/2023	5/30/2023	BROWN, JOEL	2.00	\$263.10	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	6/7/2023	6/1/2023	BROWN, JOEL	1.50	\$197.33	REGULAR	WRCCON	PRJ-13308	ENGINEERING
			BROWN, JOEL Total		\$2,367.94				
1164853	5/24/2023	5/11/2023	COOK, JENNIFER	5.00	\$551.25	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1164853	5/24/2023	5/15/2023	COOK, JENNIFER	8.00	\$882.00	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1164853	6/7/2023	5/25/2023	COOK, JENNIFER	1.50	\$165.38	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1164853	6/22/2023	6/8/2023	COOK, JENNIFER	6.00	\$661.50	REGULAR	WRCADM	PRJ-13308	ENGINEERING
			COOK, JENNIFER Total		\$2,260.13				
1094815	5/24/2023	5/8/2023	LOCKHART, SIDNEY	2.00	\$286.04	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1094815	5/24/2023	5/10/2023	LOCKHART, SIDNEY	2.00	\$286.04	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1094815	5/24/2023	5/11/2023	LOCKHART, SIDNEY	2.00	\$286.04	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1094815	5/24/2023	5/17/2023	LOCKHART, SIDNEY	2.00	\$286.04	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1094815	6/5/2023	5/22/2023	LOCKHART, SIDNEY	2.00	\$286.04	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1094815	6/5/2023	5/23/2023	LOCKHART, SIDNEY	3.00	\$429.06	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1094815	6/5/2023	5/24/2023	LOCKHART, SIDNEY	1.00	\$143.02	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1094815	6/5/2023	5/25/2023	LOCKHART, SIDNEY	3.00	\$429.06	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1094815	6/5/2023	5/30/2023	LOCKHART, SIDNEY	1.00	\$143.02	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1094815	6/5/2023	5/31/2023	LOCKHART, SIDNEY	2.00	\$286.04	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1094815	6/5/2023	6/1/2023	LOCKHART, SIDNEY	1.00	\$143.02	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1094815	6/22/2023	6/5/2023	LOCKHART, SIDNEY	2.00	\$286.04	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1094815	6/22/2023	6/6/2023	LOCKHART, SIDNEY	2.00	\$286.04	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1094815	6/22/2023	6/7/2023	LOCKHART, SIDNEY	2.00	\$286.04	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1094815	6/22/2023	6/8/2023	LOCKHART, SIDNEY	2.00	\$286.04	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1094815	6/22/2023	6/12/2023	LOCKHART, SIDNEY	2.00	\$286.04	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1094815	6/22/2023	6/13/2023	LOCKHART, SIDNEY	2.00	\$286.04	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1094815	6/22/2023	6/14/2023	LOCKHART, SIDNEY	2.00	\$286.04	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1094815	6/22/2023	6/15/2023	LOCKHART, SIDNEY	2.00	\$286.04	REGULAR	WRCADM	PRJ-13308	ENGINEERING
			LOCKHART, SIDNEY Total		\$5,291.74				
1131284	5/24/2023	5/8/2023	PUSCAS, JACK J	2.00	\$161.64	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1131284	5/24/2023	5/9/2023	PUSCAS, JACK J	1.00	\$80.82	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1131284	5/24/2023	5/16/2023	PUSCAS, JACK J	1.00	\$80.82	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1131284	6/7/2023	5/23/2023	PUSCAS, JACK J	1.00	\$80.82	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1131284	6/7/2023	5/30/2023	PUSCAS, JACK J	1.00	\$80.82	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1131284	6/21/2023	6/6/2023	PUSCAS, JACK J	1.00	\$80.82	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1131284	6/21/2023	6/12/2023	PUSCAS, JACK J	1.00	\$80.82	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1131284	6/21/2023	6/13/2023	PUSCAS, JACK J	4.00	\$323.28	REGULAR	WRCADM	PRJ-13308	ENGINEERING
			PUSCAS, JACK J Total		\$969.84				
			Grand Total		\$10,889.65				

OMI Segment 5 NI-EA Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 5/20/23 - 6/16/23

WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
1094815	5/26/23	5/9/23	BROWN, JOEL	0.50	0.20	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	5/26/23	5/9/23	BROWN, JOEL	0.50	1.17	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	5/26/23	5/9/23	BROWN, JOEL	0.50	0.13	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	5/26/23	5/10/23	BROWN, JOEL	2.50	1.00	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	5/26/23	5/10/23	BROWN, JOEL	2.50	5.85	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	5/26/23	5/10/23	BROWN, JOEL	2.50	0.63	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	5/26/23	5/11/23	BROWN, JOEL	1.00	0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	5/26/23	5/11/23	BROWN, JOEL	1.00	2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	5/26/23	5/11/23	BROWN, JOEL	1.00	0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	5/26/23	5/12/23	BROWN, JOEL	2.50	1.00	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	5/26/23	5/12/23	BROWN, JOEL	2.50	5.85	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	5/26/23	5/12/23	BROWN, JOEL	2.50	0.63	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	5/26/23	5/15/23	BROWN, JOEL	2.50	1.00	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	5/26/23	5/15/23	BROWN, JOEL	2.50	5.85	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	5/26/23	5/15/23	BROWN, JOEL	2.50	0.63	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	5/26/23	5/17/23	BROWN, JOEL	1.00	0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	5/26/23	5/17/23	BROWN, JOEL	1.00	2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	5/26/23	5/17/23	BROWN, JOEL	1.00	0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	5/26/23	5/18/23	BROWN, JOEL	1.50	0.60	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	5/26/23	5/18/23	BROWN, JOEL	1.50	3.51	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	5/26/23	5/18/23	BROWN, JOEL	1.50	0.38	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	5/26/23	5/19/23	BROWN, JOEL	1.50	0.60	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	5/26/23	5/19/23	BROWN, JOEL	1.50	3.51	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	5/26/23	5/19/23	BROWN, JOEL	1.50	0.38	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	6/7/23	5/22/23	BROWN, JOEL	1.00	0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	6/7/23	5/22/23	BROWN, JOEL	1.00	2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	6/7/23	5/22/23	BROWN, JOEL	1.00	0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	6/7/23	5/23/23	BROWN, JOEL	0.50	0.20	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	6/7/23	5/23/23	BROWN, JOEL	0.50	1.17	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	6/7/23	5/23/23	BROWN, JOEL	0.50	0.13	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	6/7/23	5/30/23	BROWN, JOEL	2.00	0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	6/7/23	5/30/23	BROWN, JOEL	2.00	4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	6/7/23	5/30/23	BROWN, JOEL	2.00	0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	6/7/23	6/1/23	BROWN, JOEL	1.50	0.60	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	6/7/23	6/1/23	BROWN, JOEL	1.50	3.51	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	6/7/23	6/1/23	BROWN, JOEL	1.50	0.38	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
			BROWN, JOEL Total		53.86				
1164853	5/24/23	5/11/23	COOK, JENNIFER	5.00	2.00	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1164853	5/24/23	5/11/23	COOK, JENNIFER	5.00	11.70	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1164853	5/24/23	5/15/23	COOK, JENNIFER	8.00	3.20	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1164853	5/24/23	5/15/23	COOK, JENNIFER	8.00	18.72	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1164853	6/7/23	5/25/23	COOK, JENNIFER	1.50	0.60	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1164853	6/7/23	5/25/23	COOK, JENNIFER	1.50	3.51	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1164853	6/22/23	6/8/23	COOK, JENNIFER	6.00	2.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1164853	6/22/23	6/8/23	COOK, JENNIFER	6.00	14.04	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
			COOK, JENNIFER Total		56.17				
1094815	5/24/23	5/8/23	LOCKHART, SIDNEY	2.00	11.38	ASSIGNED	Blazer/Suburbans	PRJ-13308	ENGINEERING
1094815	5/24/23	5/8/23	LOCKHART, SIDNEY	2.00	0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	5/24/23	5/8/23	LOCKHART, SIDNEY	2.00	4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	5/24/23	5/8/23	LOCKHART, SIDNEY	2.00	0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	5/24/23	5/10/23	LOCKHART, SIDNEY	2.00	11.38	ASSIGNED	Blazer/Suburbans	PRJ-13308	ENGINEERING
1094815	5/24/23	5/10/23	LOCKHART, SIDNEY	2.00	0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	5/24/23	5/10/23	LOCKHART, SIDNEY	2.00	4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	5/24/23	5/10/23	LOCKHART, SIDNEY	2.00	0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	5/24/23	5/11/23	LOCKHART, SIDNEY	2.00	11.38	ASSIGNED	Blazer/Suburbans	PRJ-13308	ENGINEERING
1094815	5/24/23	5/11/23	LOCKHART, SIDNEY	2.00	0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	5/24/23	5/11/23	LOCKHART, SIDNEY	2.00	4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	5/24/23	5/11/23	LOCKHART, SIDNEY	2.00	0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	5/24/23	5/17/23	LOCKHART, SIDNEY	2.00	11.38	ASSIGNED	Blazer/Suburbans	PRJ-13308	ENGINEERING
1094815	5/24/23	5/17/23	LOCKHART, SIDNEY	2.00	0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	5/24/23	5/17/23	LOCKHART, SIDNEY	2.00	4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	5/24/23	5/17/23	LOCKHART, SIDNEY	2.00	0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	6/5/23	5/22/23	LOCKHART, SIDNEY	2.00	11.38	ASSIGNED	Blazer/Suburbans	PRJ-13308	ENGINEERING
1094815	6/5/23	5/22/23	LOCKHART, SIDNEY	2.00	0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	6/5/23	5/22/23	LOCKHART, SIDNEY	2.00	4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	6/5/23	5/22/23	LOCKHART, SIDNEY	2.00	0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	6/5/23	5/23/23	LOCKHART, SIDNEY	3.00	17.07	ASSIGNED	Blazer/Suburbans	PRJ-13308	ENGINEERING
1094815	6/5/23	5/23/23	LOCKHART, SIDNEY	3.00	1.20	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	6/5/23	5/23/23	LOCKHART, SIDNEY	3.00	7.02	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	6/5/23	5/23/23	LOCKHART, SIDNEY	3.00	0.75	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	6/5/23	5/24/23	LOCKHART, SIDNEY	1.00	5.69	ASSIGNED	Blazer/Suburbans	PRJ-13308	ENGINEERING
1094815	6/5/23	5/24/23	LOCKHART, SIDNEY	1.00	0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	6/5/23	5/24/23	LOCKHART, SIDNEY	1.00	2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	6/5/23	5/24/23	LOCKHART, SIDNEY	1.00	0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	6/5/23	5/25/23	LOCKHART, SIDNEY	3.00	17.07	ASSIGNED	Blazer/Suburbans	PRJ-13308	ENGINEERING



Applied Science, Inc.

21455 Melrose Ave. Bldg R Suite 12 Southfield, MI 48075
Phone: (313) 567-3990 Fax: (313) 567-3750
www.asi-detroit.com

June 8, 2023

Project Invoice # 51 (ASI Inv. 8438)

Joel Brown, P.E.
Civil Engineer III
Oakland County Water Resources Commissioner's Office
One Public Works Drive, Building 95 West
Waterford, MI 48328

Re: Northeast Sanitary Pump Station
Contract #5470
(ASI Job No. 1815)

Invoice Period: 4/30/23-5/27/23

Task No.	Task Description	Total This Invoice
1	Transition & Basis of Design	
	Total:	\$ -
	Subconsultants:	
	FK Engineering:	\$ -
	ASI Markup 5%:	\$ -
	Total:	<u>\$ -</u>
	Previous Amount Invoiced:	
	Total Invoiced To-Date	
	Contract Task Total:	
	Amount Remaining:	

li# 41133 v#352

Task No.	Task Description	Total This Invoice
2	Design Services for Pump & Electrical Upgrades	
	Total:	\$ -
	Subconsultants:	
	Metco Services	\$ -
	FK Engineering:	\$ -
	NTH Consultants	\$ -
	AEW	\$ -
	ASI Markup 5%:	\$ -
	Total Due This Invoice:	<u>\$ -</u>
	Total This Invoice	<u>\$ -</u>

Task No.	Task Description	Total This Invoice
3	Additional Special Services	
	Total:	\$ -
	Subconsultants:	
	NTH Consultants	\$ -
	FK Engineering:	\$ -
	ASI Markup 5%:	\$ -
	Total Due This Invoice:	<u>\$ -</u>
	Total This Invoice	<u>\$ -</u>

Task No.	Task Description	Total This Invoice
5	Construction Services	
	Total:	\$ 32,037.50
	Subconsultants:	
	NTH Consultants	\$ 27,691.37
	Metco Services	\$ 27,709.00
	FK Engineering:	\$ 4,121.50
	ASI Markup 5%:	\$ 2,976.09
	Direct Expenses:	\$ 150.00
	Total Due This Invoice:	<u>\$ 94,685.46</u>
	Previous Amount Invoiced:	

84917-149015-730639-1-3309
engcon

Task No.	Task Description	Total This Invoice
6	Control Structure Rehab	
	Total:	\$ 14,689.50
	Subconsultants:	
	NTH Consultants	\$ -
	Metco Services	\$ -
	ASI Markup 5%:	\$ -
	Direct Expenses:	\$ -
	Total Due This Invoice:	<u>\$ 14,689.50</u>

82912-149667-730639-
PRJ-17060 engcon

Summary	
Total Due This Invoice-All Tasks:	\$ 109,374.96
Previous Amount Invoiced:	\$ 4,218,304.45
Amount Invoiced for MCC Incident (separate invoice):	\$ 929.36
Total Invoiced To-Date	\$ 4,328,608.77
Original Contract Task Total:	\$ 4,198,380.00
Additional Budget-Task 5:	\$ 284,076.60
Additional Budget-Task 6:	\$ 220,326.00
Current Contract Task Total:	\$ 4,702,782.60
Amount Remaining:	<u>\$ 374,173.83</u>



Applied Science, Inc.

21455 Melrose Ave. Bldg R Suite 12 Southfield, MI 48075
Phone: (313) 567-3990 Fax: (313) 567-3750
www.asi-detroit.com

June 8, 2023

Project Invoice #51a (ASI Inv. 8439)

Joel Brown, P.E.
Civil Engineer III
Oakland County Water Resources Commissioner's Office
One Public Works Drive, Building 95 West
Waterford, MI 48328

Re: Northeast Sanitary Pump Station
Contract #5470
(ASI Job No. 1815)

**84917-149015-730520-
1-3309 engcon li# 41133 v#352**

Task - MCC Incident

Invoice Period: 4/30/23-5/27/23

<u>Employee</u>	<u>Job Classification</u>	<u>MCC Incident</u>	<u>Total Hours</u>	<u>Direct Labor Rate</u>	<u>Total</u>
Total Labor:		\$ -			\$ -
Subconsultant:NTH		\$ 915.36			\$ 915.36
Subconsultant:METCO		\$ -			\$ -
		\$ 915.36			\$ 915.36
ASI Markup 5%		\$ 45.77			\$ 45.77
Direct Expenses (receipts attached):		\$ -			\$ -
Total This Invoice:		\$ 961.13			\$ 961.13
Previous Amount Invoiced:		\$ 57,242.69			\$ 57,242.69
Total Invoiced To Date:		\$ 58,203.82			\$ <u><u>58,203.82</u></u>



5/8 Type text here

JL Ben

7/6/2023

**84917 - 6010101 - 149015 - 731073 - 2603 -
1-3308 LEGAL_FINANCE- Ch.21 v#4716 -
li#24138 -exp. 12/31/23**

Oakland-Macomb Interceptor Drain Drainage District
Attn: Megan Koss, Esq.
1 Public Works Drive
Waterford, MI 48328
WRClegalinvoices@oakgov.com

Invoice: 1323246
Date: 06/13/2023
Client: 58434
Matter: 404547

Matter Name: Northeast Interceptor East Arm Improvements

LEGAL SERVICES RENDERED AND COSTS ADVANCED THROUGH MAY 31, 2023

Total Fees:	\$	1,782.00
Total Due This Invoice:	\$	1,782.00

Invoice



Jacobs Consultants, Inc.

Invoice No.: C6A19900-09
 Invoice Date: 6/14/2023
 Jacobs Project No.: C6A19900
 Services From: 4/29/2023
 Services Through: 5/26/2023

Oakland-Macomb Interceptor Drain Drainage District
 c/o Oakland County Water Resources Commissioner's Office
 One Public Works Drive
 Bldg. 95 West
 Waterford, Michigan 48328

82912 - 149667- 730639 -1-17059- ENGCONSULT

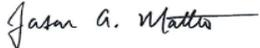
Attn: Mr. Joel Brown, P.E.

Project Description: OMID Odor and Corrosion Control Facilities

Task Number	Task Description	Budget Total	Previously Invoiced	Current Invoice	Project to Date	Remaining Budget
Task 1	Additional Investigation/Modeling	\$ 226,151.90	\$ 226,489.81	\$ -	\$ 226,489.81	\$ (337.91)
Task 2	Basis of Design	\$ 122,605.02	\$ 122,303.64		\$ 122,303.64	\$ 301.38
Task 3	ST-S-3 Vapor-Phase Treatment System - Subtask 3.1 - Design	\$ 276,371.04	\$ 150,299.31	\$ 25,064.82	\$ 175,364.13	\$ 101,006.91
	ST-S-3 Vapor-Phase Treatment System - Subtask 3.2 - Bidding	\$ 17,154.74	\$ -	\$ -	\$ -	\$ 17,154.74
Task 4	CS-6 Pump Station Vapor-Phase System - Subtask 4.1 - Design	\$ 191,218.29	\$ 66,384.44	\$ 23,955.07	\$ 90,339.51	\$ 100,878.78
	CS-6 Pump Station - Vapor-Phase System Subtask 4.2 - Bidding	\$ 15,612.91	\$ -	\$ -	\$ -	\$ 15,612.91
Task 5	CS-8 and ST-S-1 Local Odor Control - Subtask 5.1 - Design	\$ 80,199.91	\$ 66,566.58	\$ 3,927.30	\$ 70,493.88	\$ 9,706.03
	CS-8 and ST-S-1 Local Odor Control - Subtask 5.2 - Bidding	\$ 12,829.09	\$ -	\$ -	\$ -	\$ 12,829.09
Task 6	Design Emergency Relief Valves for CS-9 High Pressures	\$ 21,081.00	\$ -	\$ 13,718.56	\$ 13,718.56	\$ 7,362.44
	Total	\$ 963,223.90	\$ 632,043.78	\$ 66,665.76	\$ 698,709.54	\$ 264,514.36

Previously Invoiced \$632,043.78
Total This Invoice: \$66,665.76
Total Invoiced To Date: \$698,709.54
Budget Amount: \$963,223.90
Remaining Amount USD: \$264,514.36

Outstanding Invoices					
Date	Invoice No.	Invoiced Amount	Paid Date	Paid Amount	Amount Outstanding

Signed 

 Jason Matteo
 Project Manager

Please remit payment electronically to:
 Beneficiary Bank: Bank of America
 Account Name: Jacobs Consultants, Inc.
 Transit for ACH: 111000012
 Transit for Wires: 026009593
 Account No (USD): 4451457732



INVOICE NO. 1811-54

DATE: July 3, 2023

METCO PROJECT NO. 1811

INVOICE PERIOD: 05/29 thru 07/02/2023

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)

Table with 5 columns: Name, Title, Hrs., Rate/Hr., Amount. Lists staff including Raj Vijayendran, PE, Terry Moore, Darrin Green, Anthony Vozza, and Rosana Santos with their respective hours and rates.

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

Table with 5 columns: Name, Title, Hrs., Rate/Hr., Amount. Lists staff including Raj Vijayendran, PE, Terry Moore, Darrin Green, Anthony Vozza, and Rosana Santos with their respective hours and rates.

Subtotal Operations \$ 36,087.66

Maintenance & Asset Management

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

Table with 5 columns: Name, Title, Hrs., Rate/Hr., Amount. Lists staff including Terry Moore, Anthony Vozza, and Darrin Green with their respective hours and rates.

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

Table with 5 columns: Name, Title, Hrs., Rate/Hr., Amount. Lists staff including Raj Vijayendran, PE, Terry Moore, Daniel Martel, Sean Grant, Travis Ford, Shailesh Patel, and Darrin Green with their respective hours and rates.

Darrin Green	Staff Engineer-(Overtime)	15.0	\$	135.00	\$	2,025.00
Anthony Vozza	Staff Engineer	73.0	\$	90.00	\$	6,570.00
Anthony Vozza	Staff Engineer-(Overtime)	13.0	\$	135.00	\$	1,755.00
Brandon Brochue	Designer/Drafter	0.0	\$	85.00	\$	-
	Subtotal:		\$		\$	27,997.50
	Maintenance Services (see attached invoices):		\$		\$	1,339.57
	Subtotal NEPS Maintenance:		\$		\$	29,337.07
	Subtotal Maintenance:		\$		\$	37,357.07

NEXGEN Asset Management Implementation Services – Fund 82912, Program 149090, Account 730646

<u>Name</u>	<u>Title</u>	<u>Hrs.</u>		<u>Rate/Hr.</u>		<u>Amount</u>
Raj Vijayendran, PE	Principal Engineer	0.0	\$	215.00	\$	-
Terry Moore	Operations Manager	0.0	\$	145.00	\$	-
Terry Moore	Operations Manager (Overtime)	0.0	\$	195.00	\$	-
Sean Grant	Sr. Project Engineer	21.0	\$	145.00	\$	3,045.00
Darrin Green	Staff Engineer	0.0	\$	90.00	\$	-
Darrin Green	Staff Engineer-(Overtime)	0.0	\$	135.00	\$	-
Anthony Vozza	Staff Engineer	0.0	\$	90.00	\$	-
Abhishek Shah	Staff Engineer	62.0	\$	90.00	\$	5,580.00
Brandon Brochue	Designer/Drafter		\$	85.00	\$	-
	Subtotal Maintenance:		\$		\$	8,625.00

Task 12.0 - As-Needed Services

Additional General/Excess Liability Insurance Fee:	\$	-
Subtotal 12.0:	\$	-

TOTAL AMOUNT DUE THIS INVOICE: \$ 82,069.73



NTH Consultants, Ltd.

Infrastructure Engineering
and Environmental Services

**82912 - 6010101 - 149662 - 731458- 2603 - Ch. 21 - v#238 - li#24138 - exp.
12/31/23**

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

Invoice #: 633225
Project: 61210124
Invoice Group: **
Invoice Date: 7/7/2023

Attention Sid Lockhart

For Professional Services Rendered from 5/27/2023 - 6/23/2023

Consulting Services Regarding 2021 OMID System Inspection

Task 01 Inspection and Reporting \$526,974.00
Preliminary Budget Amount \$526,974.00
Percent Complete: 56.85%

Analysis of Costs	This Invoice	Cumulative
Direct Salaries	\$ 9.14	\$ 17,929.83
Overhead %	188.00 17.18	33,708.06
Total Regular Labor Expense	26.32	51,637.89
Total Direct Labor	26.32	26.32
Profit / Fixed Fee %	12.00 3.16	6,196.55
Direct Expenses Charge	0.00	855.92
Expense Multiplier %	5.00 0.00	42.82
Direct Subcontractor Charge	716.08	227,206.67
Subcontractor/Subconsultant Multiplier %	6.00 42.96	13,632.40
Direct Unit Rate Charge	0.00	0.00
Total Other Direct Charges Reimbursables	759.04	241,737.81
Total Costs:	788.52	299,572.25
Total Due This Invoice	\$ 788.52	\$ 299,572.25



NTH Consultants, Ltd.
 Infrastructure Engineering
 and Environmental Services

**82912 - 6010101 - 149662 - 730639 - 2603 - 1-3015 - ch 21 -
 engcon v#4716 - li#24138 - exp. 12/31/23**

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

Invoice # : 633226
 Project : 61-190044
 Invoice Group : REPAIRS
 Invoice Date : 7/7/2023

Attention: Sid Lockhart

For Professional Services Rendered from **02/18/2023 - 06/23/2023**

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)	\$ 150.20	\$ 60,207.66
Overhead % 188.00	<u>282.38</u>	<u>113,190.40</u>
Total Regular Labor Expense	432.58	173,398.06
Total Direct Labor	432.58	173,398.06
Profit / Fixed Fee % 12.00	51.91	20,807.77
Direct Expenses Charge	0.00	3,702.65
Expense Multiplier % 5.00	0.00	235.14
Direct Subcontractor Charge	0.00	40,248.30
Subcontractor/Subconsultant Multiplier % 5.00	0.00	2,012.46
Total Other Direct Charges Reimbursables	0.00	46,198.55
Total Costs:	484.49	240,404.38
Total Due This Invoice	\$ 484.49	\$ 240,404.38



84917-6010101-149015-730639-2603- 1-3308-Ch. 21 v#4716
- li#24138 - exp 12/31/23

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

Invoice # : 633227
 Project : 61-190078
 Invoice Group : NI-EA
 Invoice Date : 7/7/2023

Attention: Sid Lockhart

For Professional Services Rendered from 5/27/2023 - 6/23/2023

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
Task 15	Odor & Air Flow Study	\$103,470.00

Preliminary Budget Amount **\$2,377,303.00**
 Percent Complete: 99.18%

Analysis of Costs	This Invoice	Cumulative
Direct Salaries	\$ 1,340.53	\$ 348,260.04
Overhead %	188.00	654,728.91
Total Regular Labor Expense	3,860.73	1,002,988.95
Total Direct Labor	3,860.73	1,001,367.78
Profit / Fixed Fee %	12.00	463.29
Direct Expenses Charge	0.00	30,633.17
Expense Multiplier %	5.00	1,531.70
Direct Subcontractor Charge	569.98	1,134,236.95
Subcontractor/Subconsultant Multiplier %	6.00	34.20
Total Other Direct Charges Reimbursables	604.18	1,234,456.17
Total Costs:	4,928.20	2,357,803.77
Total Due This Invoice	\$ 4,928.20	\$ 2,357,803.77



**84917- 6010101 - 149015 - 731458 - 2603 - 1-3309-
ch 21 - engcon v#4716 - li#24138 - exp. 12/31/23**

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

Invoice # : 633228
Project : 61-200280
Invoice Group : CMT
Invoice Date : 7/7/2023

Attentior Sid Lockhart

For Professional Services Rendered from **3/25/2023 - 6/23/2023**

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

Task 01	CMT Services	\$130,138.00
Task 02	Tnemec Coating Observation	\$0.00
	Preliminary Budget Amount	\$130,138.00
	Percent Complete:	93.85%

Analysis of Costs	This Invoice	Cumulative
Direct Salaries	\$ 81.84	\$ 32,485.98
Overhead %	188.00 153.86	61,073.66
Total Regular Labor Expense	235.70	93,559.64
Total Direct Labor	235.70	93,559.64
Profit / Fixed Fee %	12.00 28.28	11,227.16
Direct Expenses Charge	152.38	16,515.89
Expense Multiplier %	5.00 7.62	825.79
Direct Subcontractor Charge	0.00	10.00
Subcontractor/Subconsultant Multiplier %	6.00 0.00	0.60
Direct Unit Rate Charge	0.00	0.00
Total Other Direct Charges Reimbursables	160.00	17,352.28
Total Costs:	423.98	122,139.08
Total Due This Invoice	\$ 423.98	\$ 122,139.08



Oakland County Water Resources Commissioner
Attn: Sid Lockhard, P.E.
One Public Works Drive
Building 95-West
Waterford 48328

June 19, 2023

Invoice No: 03559.01 - 36

84917 - 6010101 - 149015 - 731458- 6096- 1-3308 - ch21 - engcon - v#16918

Project 03559.01 Oakland-Macomb Interceptor Drainage 2020

Professional Services from May 1, 2023 to May 31, 2023

Task 1.0 Oakland-Macomb Interceptor Drainage 2020

Professional Personnel

	Hours	Rate	Amount	
Zann, John	58.00	110.00	6,380.00	
Totals	58.00		6,380.00	
Total Labor				6,380.00

Additional Fees

Overhead	149.10 % of 6,380.00		9,512.58	
Profit	10.00 % of 15,892.58		1,589.26	
Total Additional Fees			11,101.84	11,101.84

Total this Task \$17,481.84

Billing Limits

	Current	Prior	To-Date
Total Billings	17,481.84	418,287.22	435,769.06
Limit			880,000.00
Remaining			444,230.94

Total this Invoice \$17,481.84

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



Rotor Electric Company of Michigan, LLC.

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

INVOICE

OMID
1 PUBLIC WORKS DRIVE
WATERFORD, MI 48328-

Customer
PO Number
Professional Services Contrac

Table with columns: Job Number, Sub Job, Contract Number, Date Performed, Application Date, Application Number. Values: 719707, 0, 001, 3/24/2023, 6/13/2023, 12601

JOEL BROWN

Main invoice table with columns: Item No, Description of Work, Contract Amount, Previous Billings, Current Amount, To Date Complete & Stored, Balance To Finish, Current Retainage. Includes Totals and Invoice Total rows.

WO# 900

P4 NO BEARING WATER EMG RESPONSE

82912 - 6010101 - 149090- 730660 - 5807- Ch. 21 - v# 22125- li#42614 - exp. 6/25/25

TM 6-13-23

complete electrical construction

"We hereby certify that the articles and services covered by this invoice were produced and performed in compliance with all applicable requirements of Section 6, 7 and 12 of the Fair Labor Standards Act, as amended, and of regulations and orders of the United States Department of Labor issued under Section 14 thereof."



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INVOICE

OMID
1 PUBLIC WORKS DRIVE
WATERFORD, MI 48328-

Customer
PO Number
Professional Services Contrac

Table with columns: Job Number, Sub Job, Contract Number, Date Performed, Application Date, Application Number. Values: 719707, 0, 001, 1/23/2023, 6/13/2023, 12602

JOEL BROWN

Main invoice table with columns: Item No, Description of Work, Contract Amount, Previous Billings, Current Amount, To Date Complete & Stored, Balance To Finish, Current Retainage. Includes row for SWITCHGEAR MAINTENANCE AND TESTING and a Totals row.

WO#856

82912 - 6010101 - 149090- 730660 - 5807- Ch. 21 - v# 22125- li#42614 - exp. 6/25/25

P2 TRIP EVENT

TM 6-13-23

complete electrical construction

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INVOICE

OMID
 1 PUBLIC WORKS DRIVE
 WATERFORD, MI 48328-

Customer
PO Number
 Professional Services Contrac

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
719707	0	001	12/20/2022	6/13/2023	12603

JOEL BROWN

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	SWITCHGEAR MAINTENANCE AND TESTING	\$10,168.00	-	\$10,168.00	\$10,168.00	-	-
Totals:		\$10,168.00		\$10,168.00	\$10,168.00		
Less Retained:				-			
Invoice Total:				\$10,168.00			

WO# 823

**82912 - 6010101 - 149090- 730660 - 5807- Ch. 21 - v# 22125-
 li#42614 - exp. 6/25/25**

T3 SWITCHING & PREPARATION

T.M. 6-13-23

FOR EXTENDED T4 SHUTDOWN

complete electrical construction

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INVOICE

OMID
1 PUBLIC WORKS DRIVE
WATERFORD, MI 48328-

Customer
PO Number
Professional Services Contrac

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
719707	0	001	4/7/2023	6/13/2023	12612

JOEL BROWN

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	SWITCHGEAR MAINTENANCE AND TESTING	\$2,738.50	-	\$2,738.50	\$2,738.50	-	-
Totals:		\$2,738.50		\$2,738.50	\$2,738.50		
Less Retained:				-			
Invoice Total:				\$2,738.50			

WO# 679

GENERATOR SHELTER MAINTENANCE

**82912 - 6010101 - 149090- 730660 - 5807- Ch. 21 - v# 22125-
li#42614 - exp. 6/25/25 *TM* 6-13-23**

complete electrical construction

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Rotor Electric Company of Michigan, LLC.

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INVOICE

OMID
1 PUBLIC WORKS DRIVE
WATERFORD, MI 48328-

**Customer
PO Number**
Professional Services Contrac

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
719707	0	001	4/20/2023	6/13/2023	12613

JOEL BROWN

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	SWITCHGEAR MAINTENANCE AND TESTING	\$3,662.50	-	\$3,662.50	\$3,662.50	-	-
Totals:		\$3,662.50		\$3,662.50	\$3,662.50		
Less Retained:				-			
Invoice Total:				\$3,662.50			

WO# 707

UNIT SUBSTATION P4 MAINTENANCE

**82912 - 6010101 - 149090- 730660 - 5807- Ch. 21 - v# 22125-
li#42614 - exp. 6/25/25**

TM 6-13-23

complete electrical construction

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Rotor Electric Company of Michigan, LLC.

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"AN EQUAL OPPORTUNITY EMPLOYER"

INVOICE

OMID
1 PUBLIC WORKS DRIVE
WATERFORD, MI 48328-

Customer
PO Number
Professional Services Contrac

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
719707	0	001	4/27/2023	6/13/2023	12614

JOEL BROWN

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	SWITCHGEAR MAINTENANCE AND TESTING	\$1,024.63	-	\$1,024.63	\$1,024.63	-	-
Totals:		\$1,024.63		\$1,024.63	\$1,024.63		
Less Retained:				-			
Invoice Total:				\$1,024.63			

WO# 708

82912 - 6010101 - 149090- 730660 - 5807- Ch. 21 - v# 22125- li#42614 - exp. 6/25/25

XFMR LIQUID AND DISSOLVED

GAS SAMPLING

TJM 6-13-23

complete electrical construction

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Rotor Electric Company of Michigan, LLC.

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INVOICE

OMID
1 PUBLIC WORKS DRIVE
WATERFORD, MI 48328-

Customer
PO Number
Professional Services Contrac

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
719707	0	001	3/10/2023	6/13/2023	12615

JOEL BROWN

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	SWITCHGEAR MAINTENANCE AND TESTING	\$5,420.50	-	\$5,420.50	\$5,420.50	-	-
Totals:		\$5,420.50		\$5,420.50	\$5,420.50		
Less Retained:				-			
Invoice Total:				\$5,420.50			

WO# 712

**82912 - 6010101 - 149090- 730660 - 5807- Ch. 21 - v# 22125-
li#42614 - exp. 6/25/25**

CONTACTOR AND RELAY TESTING AND MAINTENANCE

TJM 6-13-23

complete electrical construction

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Rotor Electric Company of Michigan, LLC.

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

INVOICE

OMID
1 PUBLIC WORKS DRIVE
WATERFORD, MI 48328-

Customer
PO Number
Professional Services Contrac

Table with columns: Job Number, Sub Job, Contract Number, Date Performed, Application Date, Application Number. Values: 719707, 0, 001, 4/7/2023, 6/13/2023, 12616

JOEL BROWN

Main invoice table with columns: Item No, Description of Work, Contract Amount, Previous Billings, Current Amount, To Date Complete & Stored, Balance To Finish, Current Retainage. Includes Totals and Invoice Total rows.

WO# 713

MV BREAKER AND RELAY TESTING

82912 - 6010101 - 149090- 730660 - 5807- Ch. 21 - v# 22125- li#42614 - exp. 6/25/25

TJM 6-13-23

complete electrical construction

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Rotor Electric Company of Michigan, LLC.

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INVOICE

OMID
1 PUBLIC WORKS DRIVE
WATERFORD, MI 48328-

Customer
PO Number
Professional Services Contrac

Table with columns: Job Number, Sub Job, Contract Number, Date Performed, Application Date, Application Number. Values: 719707, 0, 001, 4/17/2023, 6/13/2023, 12617

JOEL BROWN

Main invoice table with columns: Item No, Description of Work, Contract Amount, Previous Billings, Current Amount, To Date Complete & Stored, Balance To Finish, Current Retainage. Includes Totals and Invoice Total rows.

WO# 714

UNIT SUB 1A MAINTENANCE AND TESTING

TMM 6-13-23

82912 - 6010101 - 149090- 730660 - 5807- Ch. 21 - v# 22125- li#42614 - exp. 6/25/25

complete electrical construction

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Rotor Electric Company of Michigan, LLC.

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INVOICE

OMID
1 PUBLIC WORKS DRIVE
WATERFORD, MI 48328-

Customer
PO Number
Professional Services Contrac

Table with columns: Job Number, Sub Job, Contract Number, Date Performed, Application Date, Application Number. Values: 719707, 0, 001, 6/8/2023, 6/13/2023, 12618

JOEL BROWN

Main invoice table with columns: Item No, Description of Work, Contract Amount, Previous Billings, Current Amount, To Date Complete & Stored, Balance To Finish, Current Retainage. Includes Totals and Invoice Total rows.

WO# 715

UNIT SUB 1B MAINTENANCE AND TESTING

82912 - 6010101 - 149090- 730660 - 5807- Ch. 21 - v# 22125- li#42614 - exp. 6/25/25

TW 6-13-23

complete electrical construction

"We hereby certify that the articles and services covered by this invoice were produced and performed in compliance with all applicable requirements of Section 6, 7 and 12 of the Fair Labor Standards Act, as amended, and of regulations and orders of the United States Department of Labor issued under Section 14 thereof."



Rotor Electric Company of Michigan, LLC.

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

INVOICE

OMID
1 PUBLIC WORKS DRIVE
WATERFORD, MI 48328-

Customer
PO Number
Professional Services Contrac

Table with columns: Job Number, Sub Job, Contract Number, Date Performed, Application Date, Application Number. Values: 719707, 0, 001, 4/10/2023, 6/13/2023, 12619

JOEL BROWN

Main invoice table with columns: Item No, Description of Work, Contract Amount, Previous Billings, Current Amount, To Date Complete & Stored, Balance To Finish, Current Retainage. Includes Totals and Invoice Total rows.

WO# 864

82912 - 6010101 - 149090- 730660 - 5807- Ch. 21 - v# 22125- li#42614 - exp. 6/25/25

SWITCHGEAR BATTERY MAINTENANCE

T.M. 6-13-23

complete electrical construction

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Rotor Electric Company of Michigan, LLC.

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

INVOICE

OMID
1 PUBLIC WORKS DRIVE
WATERFORD, MI 48328-

Customer
PO Number
Professional Services Contrac

Table with columns: Job Number, Sub Job, Contract Number, Date Performed, Application Date, Application Number. Values: 719707, 0, 001, 4/10/2023, 6/13/2023, 12620

JOEL BROWN

Main invoice table with columns: Item No, Description of Work, Contract Amount, Previous Billings, Current Amount, To Date Complete & Stored, Balance To Finish, Current Retainage. Includes row for SWITCHGEAR MAINTENANCE AND TESTING and a Totals row.

WO# 880

82912 - 6010101 - 149090- 730660 - 5807- Ch. 21 - v# 22125- li#42614 - exp. 6/25/25

4-2023 P2-P4 MOTOR MAINTENANCE

TW 6-13-23

complete electrical construction

"We hereby certify that the articles and services covered by this invoice were produced and performed in compliance with all applicable requirements of Section 6, 7 and 12 of the Fair Labor Standards Act, as amended, and of regulations and orders of the United States Department of Labor issued under Section 14 thereof."



Rotor Electric Company of Michigan, LLC.

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

INVOICE

OMID
1 PUBLIC WORKS DRIVE
WATERFORD, MI 48328-

Customer
PO Number
Professional Services Contrac

Table with columns: Job Number, Sub Job, Contract Number, Date Performed, Application Date, Application Number. Values: 719707, 0, 001, 4/7/2023, 6/13/2023, 12621

JOEL BROWN

Main invoice table with columns: Item No, Description of Work, Contract Amount, Previous Billings, Current Amount, To Date Complete & Stored, Balance To Finish, Current Retainage. Includes row for SWITCHGEAR MAINTENANCE AND TESTING and a Totals row.

WO# 919

82912 - 6010101 - 149090- 730660 - 5807- Ch. 21 - v# 22125- li#42614 - exp. 6/25/25

P2 VFD FILTER CLEANING

TM 6-13-23

complete electrical construction

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WATERFORD, MI 48328-

Customer
PO Number
Professional Services Contrac

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
719707	0	001	4/13/2023	6/13/2023	12622

JOEL BROWN

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	SWITCHGEAR MAINTENANCE AND TESTING	\$732.50	-	\$732.50	\$732.50	-	-
Totals:		\$732.50		\$732.50	\$732.50		
Less Retained:				-			
Invoice Total:				\$732.50			

WO# 922

PUMP P5 43 CONTROL SWITCH REPLACEMENT

82912 - 6010101 - 149090- 730660 - 5807- Ch. 21 - v# 22125- li#42614 - exp. 6/25/25

TM 6-13-23

complete electrical construction

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WATERFORD, MI 48328-

Customer
PO Number
Professional Services Contrac

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
719707	0	001	5/15/2023	6/13/2023	12623

JOEL BROWN

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	SWITCHGEAR MAINTENANCE AND TESTING	\$732.50	-	\$732.50	\$732.50	-	-
Totals:		\$732.50		\$732.50	\$732.50		
Less Retained:				-			
Invoice Total:				\$732.50			

WO# 941

**82912 - 6010101 - 149090- 730660 - 5807- Ch. 21 - v# 22125-
li#42614 - exp. 6/25/25**

PUMP P2 5-15-23 TRIP EVENT

TM 6-13-23

complete electrical construction

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 1 PUBLIC WORKS DRIVE
 WATERFORD, MI 48328-

**Customer
 PO Number**
 Professional Services Contrac

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
719707	0	001	5/17/2023	6/13/2023	12624

JOEL BROWN

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	SWITCHGEAR MAINTENANCE AND TESTING	\$1,025.50	-	\$1,025.50	\$1,025.50	-	-
Totals:		\$1,025.50		\$1,025.50	\$1,025.50		
Less Retained:				-			
Invoice Total:				\$1,025.50			

WO# 945

**82912 - 6010101 - 149090- 730660 - 5807- Ch. 21 - v# 22125-
 li#42614 - exp. 6/25/25**

PUMP P5 TROUBLE SHOOTING

TM 6-13-23

complete electrical construction

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WATERFORD, MI 48328-

**Customer
PO Number**
Professional Services Contrac

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
719707	0	001	4/3/2023	6/13/2023	12625

JOEL BROWN

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	SWITCHGEAR MAINTENANCE AND TESTING	\$732.50	-	\$732.50	\$732.50	-	-
Totals:		\$732.50		\$732.50	\$732.50		
Less Retained:				-			
Invoice Total:				\$732.50			

WO# 947

PUMP P2 CONTACTOR CUBICLE LOOSE FUSE HOLDER

**82912 - 6010101 - 149090- 730660 - 5807- Ch. 21 - v# 22125-
li#42614 - exp. 6/25/25**

TM 6-13-23

complete electrical construction

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Agenda Item No. 11

Other Business

Agenda Item No. 12

Adjourn