

AGENDA

Oakland-Macomb Interceptor Drain Drainage Board Macomb and Oakland Counties

July 17, 2024 – 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 17, 2024
3. Motion to approve the Drainage District Board Meeting Minutes from June 12, 2024
4. Public Comment
5. Closed Session as permitted under section 8(h) of the Open Meetings Act and which is exempt from public disclosure as subject to the attorney-client privilege pursuant to section 13(1)(g) of the Freedom of Information Act
6. Present Memorandum regarding GLWA Highland Park Bad Debt Recovery Credits Methodology
7. City of Sterling Heights Easement Agreement
8. Motion to approve the following Engineering Work Order:
 - a) Engineering Work Order No. 3 for Jacobs Consultants Inc. for Construction Administration and Construction Engineering Services for a not to exceed amount of \$1,188,251
9. Motion to approve the following Change Orders:
 - a) Change Order No. 43 for Walsh Construction for NESPS Pump & Electrical Upgrades Project for a net decrease in the amount of \$52,824.27
 - b) Change Order No. 1 for Marra Services for Construction of the NI-EA Contract One PCI-4 Rehabilitation for a net increase of \$205,766.32
10. Motion to approve the following Construction Estimates:
 - a) Construction Estimate No. 45 for Walsh Construction for NESPS Pump & Electrical Upgrades Project (GMP Phase) in the amount of \$305,145.31
 - b) Construction Estimate No.11 for Z Contractors for NI-EA Contracts 2A and 2B – PCI 18 and 19 Rehabilitation in the amount of \$254,698.74

11. Status of OMID Repairs Project
12. Financial Reports – General Financial Report and Status of State Revolving Fund Financing and Other Financing
13. Motion to approve the following invoices:
 - 1) Labor/Fringes/Non-Direct Labor Factor
 - Segment 5 NI-EA Construction \$ 6,167.89
 - Segment 5 NESPS Mech./Elect. Construction \$ 15,868.06
 - 2) Equipment Charges
 - Segment 5 NI-EA Construction \$ 143.41
 - Segment 5 NESPS Mech./Elect. Construction \$ 499.53
 - a) ASI
 - 1) Invoice No. 63-8775 NESPS \$ 74,047.54
 - 2) Invoice No. 63a-8777 NESPS \$ 613.10
 - 3) Invoice No. 63b-8776 NESPS \$ 1,896.50
 - 4) Invoice No. 64-8806 NESPS \$ 75,546.30
 - O&M \$ 523.34
 - 5) Invoice No. 64a-8808 NESPS \$ 102.19
 - 6) Invoice No. 64b-8807 NESPS \$ 121.00
 - b) Clark Hill
 - 1) Invoice No. 1446761 NI-EA \$ 3,672.00
 - 2) Invoice No. 1446763 NESPS \$ 867.00
 - c) CSM
 - 1) Invoice No. 3488 O&M \$ 6,256.60
 - 2) Invoice No. 3508 O&M \$ 4,430.90
 - 3) Invoice No. 3512 O&M \$ 506.00
 - 4) Invoice No. 3513 O&M \$ 13,598.16
 - d) Hesco
 - Invoice No. 342298 O&M \$ 8,880.01
 - e) Lardner
 - 1) Invoice No. 200970 O&M \$ 973.00
 - 2) Invoice No. 201091 O&M \$ 204.00
 - 3) Invoice No. 201424 O&M \$ 204.00
 - f) Meadowbrook Insurance
 - Invoice No. NESPS \$ 46,410.00
 - g) Metco
 - Invoice No. 1811-66 O&M \$ 87,169.30
 - h) Motor City
 - 1) Invoice No. 95756 O&M \$ 135.00
 - 2) Invoice No. 95755 O&M \$ 720.00
 - 3) Invoice No. 95771 O&M \$ 135.00
 - i) NTH Consultants, Ltd
 - 1) Consulting Services PCI-18 and PCI-19 Rehabilitation
Invoice No. 636268 NI-EA \$ 69,050.69
 - 2) Engineering/Consulting Services NESPS Pumping and Electrical
Invoice No. 636266 NESPS \$ 473.91
 - 3) OMID NI-EA Contract No. 1 PCI-4 Rehab
Invoice No. 636267 NI-EA \$ 4,054.77
 - j) PM Technologies

1) Invoice No. 92114475	O&M	\$	350.00
2) Invoice No. 92115600	O&M	\$	350.00
3) Invoice No. 92118866	O&M	\$	350.00
4) Invoice No. 92748987	O&M	\$	1,290.00
5) Invoice No. 92754887	O&M	\$	630.00
6) Invoice No. 93089757	O&M	\$	258.00
k) PMA Consultants			
Invoice No. 03559.01-48	NESPS	\$	19,029.58
l) Rotor Electric			
1) Invoice No. 12657	O&M	\$	6,506.08
2) Invoice No. 12758	O&M	\$	10,083.78
3) Invoice No. 12759	O&M	\$	169,730.51
4) Invoice No. 12760	O&M	\$	1,410.75
5) Invoice No. 12761	O&M	\$	2,664.75
6) Invoice No. 12762	O&M	\$	5,775.00
7) Invoice No. 12763	O&M	\$	7,053.75
8) Invoice No. 12764	O&M	\$	940.50
9) Invoice No. 12765	O&M	\$	1,410.75
10) Invoice No. 12766	O&M	\$	7,409.00
11) Invoice No. 12767	O&M	\$	2,303.25
12) Invoice No. 12768	O&M	\$	1,816.48
13) Invoice No. 12769	O&M	\$	1,816.48

14. Other Business

15. Adjourn

Next Regular Meeting: August 14, 2024, at 11:30 a.m., Eastern Standard Time.

Agenda Item No. 3

Board Meeting Minutes from June 12, 2024

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

June 12, 2024

Minutes of the regular meeting of the Drainage Board of the Oakland-Macomb Interceptor Drain Drainage District held at the office of the Oakland County Water Resources Commissioner, One Public Works Drive, Building 95 West, Waterford, Michigan on the 12th day of June 2024 at 11:30 a.m. Eastern Standard Time and via Microsoft Teams.

PRESENT:

Michael Gregg, Chairperson and Deputy for Dr. Tim Boring, Director of the Michigan Department of Agriculture and Rural Development; 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: Brian Baker and Stephen Downing. Representing the office of the Oakland County Water Resources Commissioner: Steve Korth, Jen Cook, Joel Brown, Raphael Chiolla, Meg Koss. and Stephanie Lajdziak. Others in attendance: Shawn Phelps and Heidi Grunwald, OC Fiscal Services, Larry Gilbert and Michelle Kitzinger, NTH Consultants; Terry Moore, Metco; Fritz Klingler, FK Engineering; Steve Burke, MFCI; Doug Kelly, Jeff Gallant, Peter Ecklund, and Joe Colaianne, Clark Hill; Sal Saputo, Patrick Kennedy, and Phillip Anderson, Meadowbrook Insurance.

1. Call meeting to order.
Chairperson Gregg called the meeting to order at 11:45 p.m.
2. Agenda.
Motion by Vaara, supported by Miller, to approve the June 12, 2024, agenda as presented.

ADOPTED: Yeas - 3
 Nays - 0
3. Minutes.
Motion by Miller, supported by Vaara, to approve the minutes of the May 15, 2024, 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 was favorable for the Drainage District. 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 \$331,707 and the pollution liability policy with AIG Specialty Insurance Company for \$15,905.95.

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

ADOPTED: Yeas - 3
Nays - 0

6. Closed Session

A motion was made by Miller, supported by Vaara, to enter into closed session at 11:53 a.m. to consider material exempt from discussion or disclosure as subject to attorney-client privilege pursuant to section 8(h) of the Freedom of Information Act.

ADOPTED: Yeas - 3
Nays - 0

Chairperson Gregg declared the closed session ended at 12:08 p.m.

Motion by Miller, supported by Vaara, to authorize the Board to proceed as directed by counsel in closed session.

7. Issuance of Drain Bonds, Series 2024

**MICHIGAN DEPARTMENT OF AGRICULTURE
AND RURAL DEVELOPMENT**

In the Matter of:

Oakland-Macomb Interceptor Drain,

**RESOLUTION APPROVING SPECIAL ASSESSMENT ROLL AND AUTHORIZING
THE ISSUANCE OF OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE
DISTRICT DRAIN BONDS, SERIES 2024 (GENERAL OBLIGATION LIMITED TAX)
IN THE PRINCIPAL AMOUNT NOT TO EXCEED \$11,400,000**

At a regular meeting of the Drainage Board of the Oakland-Macomb Interceptor Drain Drainage District held on the 12th day of June 2024, at 11:30, am., prevailing time, at the Offices of the Oakland County Water Resources Commissioner, 1 Public Works Drive, Waterford, Michigan there were:

PRESENT: Michael Gregg, Chairperson and Deputy for Dr. Tim Boring, Director of the Michigan Department of Agriculture and Rural Development; Candice Miller, Member and Macomb County Public Works Commissioner; and Anne Vaara for Jim Nash, Secretary and Oakland County Water Resources Commissioner

ABSENT: 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, Jen Cook, Joel Brown, Raphael Chirolla, Meg Koss, and Stephanie Lajdziak. Others in attendance: Sal Saputo, Phillip Anderson, and Patrick Kennedy, Meadowbrook Insurance; Shawn Phelps and Heidi Grunwald, OC Fiscal Services; Terry Moore, Metco; John Michalski, ASI; Larry Gilbert and Michelle Kitzinger, NTH Consultants; Fritz Klingler, FK Engineering; Jeff Gallant, Doug Kelly, and Joe Colaianne, Clark Hill; Steve Burke, MFCI.

Motion by Drainage Board Member Vaara, and supported by Drainage Board Member Miller, to approve the following Resolution:

WHEREAS, the Oakland-Macomb Interceptor Drain Drainage District (the “Drainage District”) was established pursuant to petitions filed with the Director of the Michigan Department of Agriculture on June 18, 2009 by the Charter Township of Clinton of Macomb County, through the Macomb County Public Works Commissioner, and on June 22, 2009 by the Charter Township of Independence of Oakland County, through the Oakland County Water Resources Commissioner to acquire, finance, construct, improve, and replace certain wastewater facilities, under the provisions of Chapter 21 of Act 40, Public Acts of Michigan, 1956, as amended (the “Drain Code”); and

WHEREAS, proceedings have been carried out by the Drainage Board for the Drainage District (the “Drainage Board”) described on **Exhibit A** (the “Project”), and said Project having been determined to be necessary for the public health; and

WHEREAS, on February 21, 2024 the Drainage Board approved the Project and on March 20, 2024 approved the Final Order of Apportionment of the cost of the Project to be borne by the several public corporations, as follows:

The final apportionment between the Oakland and Macomb Counties is: 33.10% to Oakland County and 66.90% to Macomb County.

The Apportionments to the Public Corporations by the Oakland County Water Resources Commissioner for the Public Corporations in Oakland County and by the Macomb County Public Works Commissioner for the Public Corporations in Macomb County; are – as follows:

<u>County of Oakland</u> <u>PUBLIC CORPORATIONS</u>	<u>33.1000%</u> <u>Percentage</u> <u>of Project</u>
City of Auburn Hills	4.9705%
Independence Township (incl. Village of Clarkston)	2.4213%
City of Lake Angelus	0.0185%
Village of Lake Orion	0.3409%
Oakland Township	1.0393%
Orion Township	3.1494%
Oxford Township	1.2468%
Village of Oxford	0.5928%
City of Rochester	1.9526%
City of Rochester Hills	8.1106%
Waterford Township	7.6159%
West Bloomfield Township	1.6414%
County of Oakland Total	<u>33.1000%</u>
	<u>66.9000%</u>
<u>County of Macomb</u> <u>PUBLIC CORPORATIONS</u>	<u>Percentage</u> <u>of Project</u>
Chesterfield Township	4.9783%
Clinton Township	13.9899%
City of Fraser	2.8103%
Harrison Township	4.1896%
Lenox Township	0.7827%
Macomb Township	9.4656%
Village of New Haven	0.5614%
Shelby Township	6.5484%
City of Sterling Heights	20.6591%
City of Utica	1.0966%
Washington Township	1.8181%
County of Macomb Total	<u>66.9000%</u>
Combined Total:	<u>100.0000%</u>

WHEREAS, the Chairperson of the Drainage Board (the "Chairperson") presented a computation of cost for the Project to be financed pursuant to this resolution (said portion to be referred to herein as the "Project") in the amount of \$11,400,000; and

WHEREAS, the Drainage District proposes to sell bonds in one or more series to defray the cost of all or part of the Project; and

WHEREAS, the Chairperson has prepared in accordance with the provisions of Chapter 21 of the Drain Code and presented to the Drainage Board a special assessment roll assessing the cost of the Project against the foregoing public corporations in accordance with the Final Order of Apportionment; and

WHEREAS, the Drainage District desires to issue a series of Bonds (as defined herein) pursuant to Section 528 of the Drain Code to finance the costs of the Project in anticipation of the collection of assessments to be made pursuant to the Drain Code, and to pledge the full faith and credit of the Drainage District for the prompt payment of the principal thereof and the interest thereon.

WHEREAS, the Drainage Board of the Oakland-Macomb Interceptor Drain, by adoption of this resolution will authorize and provide for the issuance of its "Oakland-Macomb Interceptor Drain Drainage District Drain Bonds, Series 2024 (General Obligation Limited Tax)", in the aggregate principal amount not to exceed \$11,400,000 (the "Series 2024 Drain Bonds") to defray part of the costs of the Project; and

WHEREAS, such bonds will be payable from the collection of special assessments against the public corporations set forth in **Exhibit B** ("Public Corporations") in Oakland and Macomb Counties in the Drainage District, said special assessments to be duly confirmed as provided in the Drain Code; and

WHEREAS, pursuant Section 526 of the Drain Code (MCL §280.526), in a resolution adopted on April 18, 2024 by the Board of Commissioners of the County of Macomb, and in a resolution adopted on April 11, 2024 by the Board of Commissioners of the County Oakland, each of the Counties pledged their respective Full Faith and Credit of their share of the Series 2024 Drain Bonds;

WHEREAS, the Series 2024 Drain Bonds are to be designated as the Oakland-Macomb Interceptor Drain Drainage District Drain Bonds, Series 2024 (General Obligation Limited Tax), in an aggregate principal amount not to exceed \$11,400,000, with such bonds expected to be issued on or about September 4, 2024, bearing interest at the rates and maturing in such amounts and at such times as may be determined pursuant to the resolution of the Drainage Board; and

WHEREAS, the performance of the Project is immediately necessary to protect and preserve the public health, and, in order to finance the costs of the Project it is necessary to issue the Bonds as provided herein as authorized by the Drain Code; and

WHEREAS, it is in the best interests of the Drainage District and those Public Corporations assessed for the cost of Oakland-Macomb Interceptor Drain that the Bonds be issued.

NOW, THEREFORE, BE IT RESOLVED BY THE DRAINAGE BOARD OF THE OAKLAND-MACOMB INTERCEPTOR DRAIN as follows:

1. APPROVAL OF SPECIAL ASSESSMENT ROLL. The Oakland-Macomb Interceptor Drain Drainage District Drain Bonds, Series 2024 Special Assessment Roll No. 1 (“Roll No. 1”), attached hereto as Exhibit C upon which spread assessments against the Public Corporations, aggregating the principal sum of \$11,400,000, is approved and ordered filed with the Chairperson. The aggregate amount assessed and the amount assessed against each public corporation shall be adjusted at the time bonds are sold, in accordance with this resolution or as provided in one or more orders of the Chairperson of the Drainage Board.

2. STATEMENT OF APPROVAL OF SPECIAL ASSESSMENT ROLL. The Chairperson and Secretary of the Drainage Board shall execute the statement affixed to Roll No. 1 setting forth the date of such approval.

3. DETERMINATION OF NECESSITY AND ESTIMATE OF USEFULLNESS AND COST. The Project is necessary for the public health and in order to defray the cost thereof it is necessary to issue bonds as hereinafter provided. The estimated period of usefulness of the Project for which the bonds are to be issued is hereby determined to be twenty (20) years and upwards, and the estimated cost of the Project, in an amount not less than \$11,400,000, as set forth in Exhibit D, is hereby approved and adopted.

4. AUTHORIZATION OF BONDS – PURPOSE. The performance of the Project is necessary to protect and preserve the public health, and in order to provide funds to finance the costs of the Project it is necessary to issue the Bonds as provided herein and as authorized by the Drain Code. The Series 2024 Drain Bonds (the “Bonds”) aggregating the principal sum of not to exceed Eleven Million Four Hundred Thousand and 00/100 Dollars (\$11,400,000) shall be issued and sold pursuant to the provisions of the Drain Code, and other applicable statutory provisions, for the purpose of financing the cost of the Project.

5. BOND DETAILS. The Bonds shall be issued in the aggregate principal amount of up to \$11,400,000 in anticipation of the collection of an equal amount of the Oakland-Macomb Interceptor Drain Drainage District Drain Bonds, Series 2024 Special Assessments to be collected in installments. The Bonds shall be designated “Oakland-Macomb Interceptor Drain Drainage District Drain Bonds, Series 2024 (General Obligation Limited Tax),” the principal of and interest thereon to be payable in the first instance from the Oakland-Macomb Interceptor Drain Series 2024 Special Assessments; shall be in the principal amount and shall be dated as of such date as shall be determined by the Chairperson or Secretary of the Drainage Board (the “Chairperson” or “Secretary”) at the time of sale; shall be numbered from 1 upwards; shall be fully registered; shall be in the denomination of \$5,000 each or any integral multiple thereof not exceeding the aggregate principal amount for each maturity at the option of the purchaser thereof; shall bear interest at a rate or rates not exceeding 6% per annum to be determined upon the sale thereof payable on such dates as shall be determined at the time of sale; and shall mature on such dates and in such amounts as shall be determined at the time of sale.

6. PAYMENT OF PRINCIPAL AND INTEREST. The principal of and interest on the Bonds shall be payable in lawful money of the United States. Principal shall be payable upon presentation and surrender of the Bonds to the bond registrar and paying agent as they severally mature. Interest shall be paid to the registered owner of each Bond as shown on the registration books at the close of business on the 15th day of the calendar month preceding the month in which the interest payment is due. Interest shall be paid when due by check or draft drawn upon and mailed by the bond registrar and paying agent to the registered owner at the registered address.

7. REDUCTION IN PRINCIPAL AMOUNT OF BOND ISSUE. If the Chairperson shall determine that it is not necessary to sell any series of the Bonds in the amount of \$11,400,000 because of prepayments of special assessments, a reduction on the computation of costs, or otherwise, the Chairperson may by order reduce the principal amount of such series of Bonds to be sold to the amount deemed necessary so long as the proceeds of the sale of the Bonds will be sufficient to pay all of the costs of the portion of the Project intended to be financed by such series of Bonds, and the form Official Notice of Sale attached as Exhibit E (for a competitive sale) or as set forth in the request for proposal (for a negotiated sale), shall so provide or be changed accordingly.

8. PRIOR REDEMPTION. The Bonds shall be subject to redemption prior to maturity as such is ordered by the Chairperson or Secretary of the Drainage Board after consulting with the Bond Counsel and the Financial Consultant.

9. BOND REGISTRAR AND PAYING AGENT/BOOK-ENTRY-ONLY. The Chairperson or Secretary of the Drainage Board shall designate and enter into an agreement with a bond registrar and paying agent for the Bonds which shall be a bank or trust company located in the State of Michigan which is qualified to act in such capacity under the laws of the United States of America or the State of Michigan. The Chairperson or Secretary of the Drainage Board may from time to time as required designate a similarly qualified successor bond registrar and paying agent. If so designated the Bonds shall be deposited with a depository trustee designated by the Chairperson or Secretary of the Drainage Board who shall transfer ownership of interests in the Bonds by book entry and who shall issue depository trust receipts or acknowledgments to owners of interests in the Bonds. Such book entry depository trust arrangement, and the form of depository trust receipts or acknowledgments, shall be as determined by the Chairperson or Secretary of the Drainage Board after consultation with the depository trustee. The Chairperson or Secretary of the Drainage Board is authorized to enter into any depository trust agreement on behalf of the Drainage District upon such terms and conditions as the Chairperson or Secretary of the Drainage Board shall deem appropriate and not otherwise prohibited by the terms of this Resolution, which Contract shall be executed by the Chairperson or Secretary of the Drainage Board. The depository trustee may be the same as the Registrar otherwise named by the Chairperson or Secretary of the Drainage Board, and the Bonds may be transferred in part by depository trust and in part by transfer of physical certificates as the Chairperson or Secretary of the Drainage Board may determine.

10. EXECUTION, AUTHENTICATION AND DELIVERY OF BONDS. The Bonds shall be executed in the name of the Drainage District by the facsimile signatures of the Chairperson of the Drainage Board and Secretary of the Drainage Board and authenticated by the manual signature of an authorized representative of the bond registrar and paying agent, and the

seal of the Drainage District (or a facsimile thereof) shall be impressed or imprinted on the Bonds. After the Bonds have been executed and authenticated for delivery to the original purchaser thereof, they shall be delivered by the Chairperson or Secretary of the Drainage Board to the Purchaser upon receipt of the purchase price. Additional Bonds bearing the facsimile signatures of the Chairperson and Secretary of the Drainage Board and upon which the seal of the Drainage District (or a facsimile thereof) is impressed or imprinted may be delivered to the bond registrar and paying agent for authentication and delivery in connection with the exchange or transfer of the Bonds. The bond registrar and paying agent shall indicate on each Bond the date of its authentication.

11. EXCHANGE AND TRANSFER OF BONDS.

(i) The Bonds, upon surrender thereof to the bond registrar and paying agent with a written instrument of transfer satisfactory to the bond registrar and paying agent duly executed by the registered owner or his duly authorized attorney, at the option of the registered owner thereof, may be exchanged for Bonds of any other authorized denominations of the same aggregate principal amount and maturity date and bearing the same rate of interest as the surrendered Bonds.

(ii) The Bonds shall be transferable upon the books of the Drainage District, which shall be kept for that purpose by the bond registrar and paying agent, only upon surrender of such Bonds together with a written instrument of transfer satisfactory to the bond registrar and paying agent duly executed by the registered owner or his duly authorized attorney.

(iii) Upon the exchange or transfer of the Bonds, the bond registrar and paying agent on behalf of the Drainage District shall cancel the surrendered Bonds and shall authenticate and deliver to the transferee new Bonds of any authorized denomination of the same aggregate principal amount and maturity date and bearing the same rate of interest as the surrendered Bonds. If, at the time the bond registrar and paying agent authenticates and delivers new Bonds pursuant to this Section, payment of interest on the Bonds is in default, the bond registrar and paying agent shall endorse upon the new Bonds the following: "Payment of interest on this bond is in default. The last date to which interest has been paid is _____, ____."

(iv) The Drainage District and the bond registrar and paying agent may deem and treat the person in whose name the Bonds shall be registered upon the books of the Drainage District as the absolute owner of such Bonds, whether such Bonds shall be overdue or not, for the purpose of receiving payment of the principal of and interest on such Bonds and for all other purposes, and all payments made to any such registered owner, or upon his or her order, in accordance with the provisions of Section 6 of this Resolution shall be valid and effectual to satisfy and discharge the liability upon such Bonds to the extent of the sum or sums so paid, and neither the Drainage District nor the bond registrar and paying agent shall be affected by any notice to the contrary. The Drainage District agrees to indemnify and save the bond registrar and paying agent harmless from and against any and all loss, cost, charge, expense, judgment or liability incurred by it, acting in good faith and without negligence hereunder, in so treating such registered owner.

(v) For every exchange or transfer of the Bonds, the Drainage District or the bond registrar and paying agent may make a charge sufficient to reimburse it for any tax, fee or other governmental charge required to be paid with respect to such exchange or transfer, which sum or sums shall be paid by the person requesting such exchange or transfer as a condition precedent to the exercise of the privilege of making such exchange or transfer.

(vi) The bond registrar and paying agent shall not be required to transfer or exchange the Bonds or portion of the Bonds which has been selected for redemption.

12. PRIMARY SECURITY. The Bonds and the interest thereon are being issued in anticipation of and shall be payable from the Oakland-Macomb Interceptor Drain Bonds, Series 2024 Special Assessments pursuant to Section 528 of the Drain Code. All of the Oakland-Macomb Interceptor Drain Drainage District Drain Bonds, Series 2024 Special Assessments (“2024 Drain Special Assessments”) are hereby pledged solely and only for the payment of the principal of and interest on the Bonds, and any additional bonds issued to complete the Project, including payment of acquisition, engineering, architectural, legal and financing expenses and costs of issuance in connection therewith, in accordance with this Resolution.

Nothing contained in this Resolution shall be construed to prevent the Drainage District from issuing additional bonds under the provisions of the Drain Code for any of the purposes authorized by the Drain Code, but any such bonds shall in no way have any lien on or be payable out of the 2024 Drain Special Assessments pledged to the payment of the Bonds of this authorized issue, except such additional bonds as may be necessary may be issued to complete the Project, or any of them, including payment of acquisition, engineering, legal and financing expenses and costs of issuance in connection therewith. Upon default in any of the Bonds or any additional bonds, to the extent any security or payments which constitute proceeds of such security may not be attributed to a particular series of bonds, it is the intention of the Drainage District that such security or payments will be shared on a parity basis by all holders of bonds for which such security has been pledged, subject to bankruptcy, fraudulent conveyance or other laws affecting creditors’ rights generally now existing or hereafter enacted, and to the application of general principles of equity.

13. SECONDARY SECURITY FOR BONDS. Pursuant to authorization provided in the Drain Code and resolutions of Oakland County and Macomb County duly adopted or to be adopted by two-thirds (2/3) vote of the members of the Board of Commissioners of Oakland County and Macomb County, the full faith and credit of Oakland County and Macomb County has been or shall be pledged as a condition precedent to the issuance of the Bonds for the prompt payment of the principal of, and interest on the Bonds as the same shall become due in accordance with such resolutions. As provided or shall be provided in said resolutions and the Drain Code, in the event any Public Corporation in Oakland County shall fail to pay or neglect to account to the Oakland County Treasurer, and any Public Corporation in Macomb County shall fail to pay or neglect to account to the Macomb County Treasurer, for the amount of any special assessment installment and interest (in anticipation of which the Bonds are issued) when due, then the amount thereof shall be advanced from the funds of Oakland County or Macomb County, respectively, as provided in such resolutions, and the Oakland County Treasurer and the Macomb County Treasurer are directed to make such advancement to the extent necessary. If it becomes necessary for Oakland

County or Macomb County to so advance such moneys, they shall have such right or rights of reimbursement and any and all remedies therefor as provided by of the Drain Code or any other law.

14. DEBT RETIREMENT FUND. It shall be the duty of the Drainage District (the “Issuer”), after the adoption of this Resolution and the sale of the Bonds, to establish with the Treasurer of the Drainage District a special depository account to be named Oakland-Macomb Interceptor Drain Drainage District Drain Bonds, Series 2024 Debt Retirement Fund (hereinafter sometimes referred to as the “Debt Retirement Fund”), into which account it shall be the duty of the Issuer to deposit, as received, collections of the 2024 Special Assessments, any payments made by Oakland County or Macomb County pursuant to the provisions of Section 11 of this Resolution, and any additional moneys paid by the Issuer to be used for purchasing Bonds for retirement prior to maturity. After satisfaction of any obligations to rebate earnings to the United States, moneys from time to time on hand in said Debt Retirement Fund shall be used solely and only for the payment of the principal of and interest on the Bonds.

15. PROJECT FUND. It shall be the duty of the Issuer, after the adoption of this Resolution and the sale of the Bonds, to establish with the Treasurer of the Issuer a special depository account to be named Oakland-Macomb Interceptor Drain Drainage District Bonds Series 2024 Project Fund (hereinafter sometimes referred to as the “Project Fund”). The proceeds of the sale of the Bonds as received any premium paid by the purchaser of the Bonds shall be deposited in the Project Fund and used for the payment of the costs (including acquisition, engineering, architectural, legal and financing expenses) in connection with the purposes set forth herein which may include planning, designing, acquisition, construction and financing of the Project, and to pay the costs of issuance of the Bonds, the Drain Code and the provisions of Section 18(f) hereof. If applicable, (a) pending utilization of said funds for said purposes, such funds shall be invested, reinvested and deposited as permitted by Michigan law, which investments and deposits shall mature, or which shall be subject to redemption by the holder thereof at the option of the holder, not later than the respective dates, as estimated by the Issuer when such moneys will be required to pay the costs of issuance of the Bonds and the costs of the Project; (b) said investments and deposits shall be selected by the Treasurer of the Issuer; (c) after satisfaction of any obligations to rebate earnings to the United States, interest realized from such investments or deposits shall be considered as additional moneys for construction; and (d) surplus construction moneys, if any, remaining after paying the costs of issuance of the Bonds and the costs of the Project shall be used in accordance with the provisions of the Drain Code.

16. FORM OF BONDS. The Bonds shall be in substantially the following form, subject to such modifications on recommendation of the Drainage District’s Bond Counsel:

[BOND FORM]

UNITED STATES OF AMERICA
STATE OF MICHIGAN
COUNTY OF OAKLAND AND COUNTY OF MACOMB
OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT
DRAIN BONDS, SERIES 2024 (LIMITED TAX GENERAL OBLIGATION)

INTEREST RATE MATURITY DATE DATE OF ORIGINAL ISSUE CUSIP

Registered Owner:

Principal Amount:

The Oakland-Macomb Interceptor Drain Drainage District, County of Oakland and County of Macomb, State of Michigan (the "Drainage District"), acknowledges itself indebted to, and for value received hereby promises to pay to, the Registered Owner identified above, or registered assigns, the Principal Amount set forth above on the Maturity Date specified above, unless redeemed prior thereto as hereinafter provided, upon presentation and surrender of this bond at _____, as bond registrar and paying agent, or at such successor bond registrar and paying agent as may be designated pursuant to the Resolutions (as hereinafter defined), and to pay to the Registered Owner, as shown on the registration books at the close of business on _____, by check or draft drawn upon, and mailed by, the bond registrar and paying agent by first-class mail postage prepaid to the Registered Owner at the registered address, interest on such Principal Amount from _____, or such later date through which interest has been paid until the Drainage District's obligation with respect to the payment of such Principal Amount is discharged, at the rate per annum specified above. Interest is payable on the _____ day of _____ and _____ in each year, commencing on _____, _____. Principal and interest are payable in lawful money of the United States of America.

This bond is one of a series of bonds aggregating the principal sum of _____ Dollars (\$_____) issued by said Drainage District under and pursuant to and in full conformity with the Constitution and Statutes of Michigan (especially Act 40, Public Acts of 1956, as amended) and resolutions adopted by the Drainage District (the "Resolutions") for the purpose hereof. The bonds are to be issued pursuant to Chapter 21 of Act No. 40, Public Acts of Michigan, 1956 ("Act 40") and provisions of Act No. 34, Public Acts of Michigan, 2001, as amended ("Act 34"), in anticipation of, and are primarily payable from the collection of the Oakland-Macomb Interceptor Drain Drainage District Drain Bonds, Series 2024 Special Assessments assessed against certain public corporations (the "Public Corporations") pursuant to Act 40, which said assessments are the general obligations of said Public Corporations. The full faith and credit of the Drainage District has been pledged for the payment of the principal of and interest on the Bonds of this series as the same shall become due. The Drainage District does not have the power to levy ad valorem property taxes.

As secondary security and pursuant to the authorization provided in Section 526 of Act 40, as amended, Oakland County and Macomb County, by resolutions of their respective Boards of Commissioners, have pledged or will pledge the full faith and credit of Oakland County and Macomb County for the prompt payment of the principal of, and interest on the Bonds as the same shall become due in accordance with such resolutions. As provided in said resolutions and the Drain Code, in the event any Public Corporations in Oakland County shall fail or neglect to account to the Oakland County Treasurer, and any Public Corporations in Macomb County shall fail or neglect to account to the Macomb County

Treasurer, for the amount of any special assessment installment and interest (in anticipation of which the Bonds are issued) when due, then the amount thereof shall be advanced from the funds of Oakland County or Macomb County, respectively, as provided in such resolutions. The full faith and credit pledges of Oakland County and Macomb County are limited tax general obligations and are not subject to constitutional tax rate limitations.

This bond is transferable, as provided in the Resolutions, only upon the books of the Drainage District kept for that purpose by the bond registrar and paying agent, upon the surrender of this bond together with a written instrument of transfer satisfactory to the bond registrar and paying agent duly executed by the registered owner or his or her attorney duly authorized in writing. Upon the exchange or transfer of this bond, a new bond or bonds of any authorized denomination, in the same aggregate principal amount and of the same interest rate and maturity, shall be authenticated and delivered to the transferee in exchange therefor as provided in the Resolutions, and upon payment of the charges, if any, therein provided. Bonds so authenticated and delivered shall be in the denomination of \$5,000 or any integral multiple thereof not exceeding the aggregate principal amount for each maturity.

The bond registrar and paying agent shall not be required to transfer or exchange bonds or portions of bonds which have been selected for redemption.

The Bonds shall be subject to redemption as follows: _____

It is hereby certified, recited and declared that all acts, conditions and things required to exist, happen and be performed precedent to and in the issuance of the bonds of this series, existed, have happened and have been performed in due time, form and manner as required by law, and that the total indebtedness of the Drainage District, and the County of Oakland and County of Macomb, including the series of bonds of which this bond is one, does not exceed any constitutional or statutory limitation.

IN WITNESS WHEREOF, the Oakland-Macomb Interceptor Drain Drainage District, Counties of Oakland and Macomb, State of Michigan, by the Drainage Board, has caused this bond to be executed in its name by facsimile signatures of the Chairperson and Secretary of the Drainage Board and its corporate seal (or a facsimile thereof) to be impressed or imprinted hereon. This bond shall not be valid unless the Certificate of Authentication has been manually executed by an authorized representative of the bond registrar and paying agent.

OAKLAND-MACOMB INTERCEPTOR
DRAIN DRAINAGE DISTRICT

By: Michael R. Gregg
Chairperson, Drainage Board

And: Jim Zuo
Secretary, Drainage Board

CERTIFICATE OF AUTHENTICATION

This bond is one of a series of bonds described within the mentioned Order.

Bond Registrar and Paying Agent

By: _____
Authorized Representative

AUTHENTICATION DATE:

ASSIGNMENT

For value received, the undersigned hereby sells, assigns and transfers unto _____ (please print or type name, address, and taxpayer identification number of transferee) the within bond and all rights thereunder and does hereby irrevocably constitute and appoint _____, attorney to transfer the within bond on the books kept for registration thereof, with full power of substitution in the premises.

Dated: _____

Signature Guaranteed: _____

The signature must be guaranteed by a commercial bank, a trust company or a brokerage firm which is a member of a major stock exchange.

[END OF BOND FORM]

17. CONTRACT WITH BONDHOLDERS. The provisions of this Resolution shall constitute a contract between the Issuer and the holder or holders of the Bonds from time to time, and after the issuance of the Bonds may not be amended. The provisions of this Resolution shall be enforceable by appropriate proceedings taken by such holder under the law.

18. COVENANTS OF THE DRAINAGE DISTRICT TO BONDHOLDERS. The Issuer covenants and agrees with the successive holders of the Bonds that so long as any of the Bonds remain unpaid as to either principal or interest:

- a. The Issuer will punctually perform all of its obligations and duties under this Resolution and will collect, aggregate and apply the Oakland-Macomb Interceptor Drain Series 2024 Special Assessments and other moneys paid by the Public Corporations, in the manner required under this Resolution and the Drain Code.

- b. The Issuer will promptly and punctually perform all of its legal obligations and duties relative to the prompt payment of the principal of and interest on the Bonds by virtue of the pledge of its full faith and credit for the payment thereof under the terms of this Resolution.
- c. The Issuer will apply and use the proceeds of sale of the Bonds in the manner required by the provisions of this Resolution and the Drain Code.
- d. The Issuer will maintain and keep proper books of record and account relative to the application of funds for the performance of the Project and the 2024 Special Assessments and other moneys received from the Public Corporations. Not later than three (3) months after the end of each year, the Issuer shall cause to be prepared a statement, in reasonable detail, sworn to by its Secretary, showing the application of the proceeds of sale of the Bonds, the cash receipts of 2024 Special Assessments from the Public Corporations during such year and the application thereof, and such other information as may be necessary to enable any taxpayer or any registered owner of the Bonds, or anyone acting in their behalf, to be fully informed as to all matters pertaining to the performance of the Project and application of funds therefor, or for the payment of the Bonds during such year. A certified copy of said statement shall be filed with the Secretary of the Drainage Board.
- e. To the extent permitted by law, the Issuer shall take or abstain from taking all actions within its control necessary to maintain the exclusion of the interest on the Bonds from gross income for federal income tax purposes, including, but not limited to, actions and abstentions from actions relating to the rebate of arbitrage earnings, if applicable, and the expenditure and investment of Bond proceeds and money deemed to be Bond proceeds.
- f. If for any reason the original 2024 Special Assessments shall not be sufficient to pay the principal of and interest on the Bonds when due, the Drainage Board shall make such additional assessments therefor as may be necessary, apportioned as in the first instance, as authorized by the provisions of Chapter 21 of the Drain Code.

19. DEFEASANCE. In the event cash or direct obligations of the United States or obligations the principal of and interest on which are guaranteed by the United States, or a combination thereof, the principal of and interest on which, without reinvestment, come due at times and in amounts sufficient to pay, at maturity or irrevocable call for earlier optional redemption, the principal of, premium if any, and interest on the Bonds or any portion of the Bonds, shall have been deposited in trust, this Bond Resolution shall be defeased with respect to such Bonds and the owners of the Bonds shall have no further right under this Bond Resolution except to receive payment of the principal of, premium if any, and interest on the Bonds from the cash or securities deposited in trust and the interest and gains thereon and to transfer and exchange Bonds as provided herein.

20. PAYMENT OF ISSUANCE EXPENSES. Part of the proceeds of the Bonds shall be used to pay the issuance expenses of the Bonds.

21. INVESTMENTS. Moneys in the Project Fund or the Debt Retirement Fund may be continuously invested and reinvested in United States government obligations, obligations the principal and interest on which are unconditionally guaranteed by the United States government, or in interest-bearing time deposits selected by the Chairperson which are permissible investments for surplus funds under Act No. 20, Public Acts of Michigan, 1943, as amended. Such investments shall mature, or be subject to redemption at the option of the holder, not later than the dates moneys in such fund will be required to pay the principal of, premium, if any, and interest on the Bonds. Obligations purchased as an investment of moneys in the Project Fund or Debt Retirement Fund shall be deemed at all times to be a part of such fund, and the interest accruing thereon and any profit realized from such investment shall be credited to such fund.

22. DEPOSITORIES. All of the banks located in the State of Michigan are hereby designated as permissible depositories of the moneys in the funds established by this Resolution, except that the moneys in the Bond Payment Fund shall only be deposited in such banks where the principal of, premium, if any, and interest on the Bonds are payable. The Secretary of the Drainage District shall select the depository or depositories to be used from those banks authorized in this Section.

23. ARBITRAGE AND TAX COVENANTS. Notwithstanding any other provision of this Resolution, the Drainage District covenants that it will not at any time or times:

(a) Permit any proceeds of the Bonds or any other funds of the Drainage District or under its control to be used directly or indirectly (i) to acquire any securities or obligations, the acquisition of which would cause any Bond to be an “arbitrage bond” as defined in Section 148 of the Internal Revenue Code of 1986, as amended (the “Code”), or (ii) in a manner which would result in the exclusion of any Bond from the treatment afforded by Section 103(a) of the Code by reason of the classification of any Bond as a “private activity bond” within the meaning of Section 141(a) of the Code, as a “private loan bond” within the meaning of Section 141(a) of the Code or as an obligation guaranteed by the United States of America within the meaning of Section 149(b) of the Code; or

(b) Take any action, or fail to take any action (including failure to file any required information or other returns with the United States Internal Revenue Service or to rebate amounts to the United States, if required, at or before the time or times required), within its control which action or failure to act would (i) cause the interest on the Bonds to be includible in gross income for federal income tax purposes, cause the interest on the Bonds to be includible in computing any alternative minimum tax (other than the alternative minimum tax applicable to interest on all tax-exempt obligations generally) or cause the proceeds of the Bonds to be used directly or indirectly by an organization described in Section 501(c)(3) of the Code, or (ii) adversely affect the exemption of the Bonds and the interest thereon from the State of Michigan income taxation.

24. NOT QUALIFIED TAX-EXEMPT OBLIGATIONS. The Bonds are not designated as “qualified tax-exempt obligations” for purposes of deduction of interest expense by

financial institutions under the provisions of Section 265 of the Code unless, at the time of the publication of the Official Notice of Sale (for a competitive sale) or set forth in the request for proposal (for a negotiated sale) as authorized herein, the Bonds are determined to be eligible for such designation in which case the Notice of Sale or Request for Proposal shall reflect such change.

25. DEFEASANCE OR REDEMPTION OF BONDS. If at any time,

- (a) the whole amount of the principal of, premium, if any, and interest on all outstanding Bonds shall be paid, or
- (b) (i) sufficient moneys, or Government Obligations (as defined in this Section) not callable prior to maturity, the principal of, premium, if any, and interest on which when due and payable will provide sufficient moneys, to pay the whole amount of the principal of, premium, if any, and interest on all outstanding Bonds as and when due at maturity or upon redemption prior to maturity shall be deposited with and held by a trustee or an escrow agent for the purpose of paying the principal of, premium, if any, and interest on such Bonds as and when due, and (ii) in the case of redemption prior to maturity, all outstanding Bonds shall have been duly called for redemption (or irrevocable instructions to call such Bonds for redemption shall have been given)

then, at the time of the payment referred to in clause (a) of this Section or of the deposit referred to in clause (b) of this Section, the Drainage District shall be released from all further obligations under this Resolution, and any moneys or other assets then held or pledged pursuant to this Resolution for the purpose of paying the principal of, premium, if any, and interest on the Bonds (other than the moneys deposited with and held by a trustee or an escrow agent as provided in clause (b) of this Section) shall be released from the conditions of this Resolution, paid over to the Drainage District and considered excess proceeds of the Bonds. In the event moneys or Government Obligations shall be so deposited and held, the trustee or escrow agent holding such moneys or Government Obligations shall, within 30 days after such moneys or Government Obligations shall have been so deposited, cause a notice signed by it to be given to the registered holders hereof not more than sixty (60) days nor less than forty-five (45) days prior to the redemption setting forth the date or dates, if any, designated for the redemption of the Bonds, a description of the moneys or Government Obligations so held by it and that the Drainage District has been released from its obligations under this Resolution. All moneys and Government Obligations so deposited and held shall be held in trust and applied only to the payment of the principal of, premium, if any, and interest on the Bonds at maturity or upon redemption prior to maturity, as the case may be, as provided in this Section.

The trustee or escrow agent referred to in this Section shall (a) be a bank or trust company permitted by law to offer and offering the required services, (b) be appointed by resolution of the Drainage District, and (c) at the time of its appointment and so long as it is serving as such, have at least \$25,000,000 of capital and unimpaired surplus. The same bank or trust company may serve as trustee or escrow agent under this Section and as Bond Registrar so long as it is otherwise eligible to serve in each such capacity.

As used in this Section, the term “Government Obligations” means direct obligations of, or obligations the principal, premium, if any, and interest on which are unconditionally guaranteed by, the United States of America.

26. APPROVAL OF THE DEPARTMENT OF TREASURY. The issuance and sale of the Bonds may be subject to permission being granted therefor by the Department of Treasury of the State of Michigan and the Chairperson may make application, if necessary, to the Department of Treasury for permission to issue and sell the Bonds as provided by the terms of this resolution.

27. SALE, AWARD, ISSUANCE, DELIVERY, TRANSFER AND EXCHANGE OF BONDS. The Chairperson or Secretary of the Drainage Board shall determine the principal amount of the Bonds to be sold and shall determine the other bond details as described in this Resolution. The Chairperson or Secretary is authorized to award the Bonds as provided herein and to do all things necessary to effectuate the sale, issuance, delivery, transfer and exchange of the Bonds in accordance with the provisions of this resolution.

28. REPLACEMENT OF BONDS. Upon receipt by the Chairperson or Secretary of the Drainage Board of proof of ownership of an unmatured bond, of satisfactory evidence that the bond has been lost, apparently destroyed or wrongfully taken and of security or indemnity which complies with applicable law and is satisfactory to the Chairperson or the Secretary, the Chairperson or the Secretary may authorize the bond registrar and paying agent to deliver a new executed bond to replace the bond lost, apparently destroyed or wrongfully taken in compliance with applicable law. In the event an outstanding matured bond is lost, apparently destroyed or wrongfully taken, the Chairperson or a Secretary may authorize the bond registrar and paying agent to pay the bond without presentation upon the receipt of the same documentation required for the delivery of a replacement bond. The bond registrar and paying agent for each new bond delivered or paid without presentation as provided above shall require the payment of expenses, including counsel fees, that may be incurred by the bond registrar and paying agent and the Drainage District in the premises. Any bond delivered pursuant to the provisions of this Section 15 in lieu of any bond lost, apparently destroyed or wrongfully taken shall be of the same form and tenor and be secured in the same manner as the bond in substitution for which such bond was delivered.

29. ESTIMATES OF PERIOD OF USEFULNESS AND COST. The estimated period of usefulness of the Project is determined to be thirty (30) years and upwards. The estimated cost of the Project (\$127,540,000), as submitted to this Drainage Board and attached as Exhibit A, is approved and adopted.

30. TAX COVENANT. The Drainage District covenants to comply with all requirements of the Internal Revenue Code of 1986, as amended, necessary to assure that the interest on the Bonds will be and will remain excludable from gross income for federal income tax purposes. The Chairperson or Secretary is authorized to do all things necessary to assure that the interest on the Bonds will be and will remain excludable from gross income for federal income tax purposes.

31. OFFICIAL STATEMENT. If necessary, the Drainage District shall cause the preparation of an official statement for the Bonds for the purpose of enabling compliance with Rule 15c2-12 issued under the Securities and Exchange Act of 1934, as amended (the “Rule”) and shall do all other things necessary to enable compliance with the Rule. After the award of the Bonds, the Drainage District will provide copies of a “final official statement” (as defined in paragraph (e)(3) of the Rule) on a timely basis and in reasonable quantity as requested by the successful bidder or bidders to enable such bidder or bidders to comply with paragraph (b)(4) of the Rule and the rules of the Municipal Securities Rulemaking Board.

32. CONTINUING DISCLOSURE. The Chairperson or Secretary is hereby authorized to execute and deliver in the name and on behalf of the Drainage District (i) a certificate of the Drainage District to comply with the requirements for a continuing disclosure undertaking of the Drainage District pursuant to subsection (b)(5) of the Rule and (ii) amendments to such certificate from time to time in accordance with the terms of such certificate (the certificate and any amendments thereto are collectively referred to herein as the “Continuing Disclosure Certificate”). The Drainage District hereby covenants and agrees that it will comply with and carry out all of the provisions of the Continuing Disclosure Certificate. The remedies for any failure of the Drainage District to comply with and carry out the provisions of the Continuing Disclosure Certificate shall be as set forth therein.

33. FILING WITH MUNICIPAL FINANCE DIVISION. If necessary, the Chairperson or Secretary is authorized and directed to:

- (a) apply to the Municipal Finance Division of the Michigan Department of Treasury for approval of the sale of the Bonds;
- (b) file with such application all required supporting material; and
- (c) pay all fees required in connection therewith.

34. COMPETITIVE SALE OR NEGOTIATED SALE. Depending on the circumstances in the future the Drainage District wants to have the flexibility to sell the Bonds at either a Competitive or Negotiated sale as shall be determined by either the Chairperson or the Secretary.

(a) COMPETITIVE SALE: If a Competitive Sale is chosen the Drainage District hereby authorizes its Bond Counsel to publish a Notice of Sale at least seven days prior to the date fixed for receipt of bids for the purchase of the Bonds. The Notice of Sale shall be in substantially the form approved by the Chairperson or the Secretary after conferring with Bond Counsel. The Bond Counsel and Financial Consultant are hereby designated to act for and on behalf of the Drainage District to receive bids for the purchase of the Bonds and to take all other steps necessary in connection with the sale, issuance, transfer and delivery thereof in accordance with the provisions of this resolution.

(b) NEGOTIATED SALE: If a Negotiated sale is chosen, the Bonds may be sold pursuant to a negotiated sale as hereinafter provided if it is determined that such negotiated

sale is in the best interests of the Drainage District and is calculated to provide the maximum flexibility and cost savings in pricing the Bonds. The Chairperson or Secretary of the Drainage Board is designated as an "Authorized Officer" and is hereby authorized to negotiate and enter into a bond purchase agreement with a Bank or an underwriter and any co-managing underwriters to be selected by the Authorized Officer after a placement agent has solicited proposals from Banks and other Underwriters at or prior to the time of the sale of the Bonds (together, the "Underwriters"), which bond purchase agreement shall set forth the principal amount, principal maturities and dates, interest rates and interest payment dates, redemption provisions, if any, purchase price to be paid by the Underwriters and compensation to be paid to the Underwriters, as well as such other terms and provisions as the Authorized Officer determines to be necessary or appropriate in connection with the sale of the Bonds. The Authorized Officer of the Drainage Board is authorized to do all things necessary to effectuate the sale, issuance, delivery, transfer, and exchange of the Bonds in accordance with the provisions of this resolution. To save time and cost the Drainage District may apply for a municipal bond rating exemption waiver from the Michigan Department of Treasury. In making the determinations in the bond purchase agreement with respect to principal maturities and dates, interest rates, purchase price of the Bonds and compensation to be paid to the Underwriters, the Authorized Officer shall be limited as follows:

(i) The interest rate on any bond shall not exceed 6.00% per annum.

(ii) The Underwriters' discount with respect to the Bonds or the compensation to be paid to the Underwriters shall not exceed 1.00% of the principal amount of the Bonds.

35. RETENTION OF BOND COUNSEL. The firm of Clark Hill, PLC, attorneys of Detroit, Michigan, is hereby retained to act as bond counsel for the Drainage District in connection with the issuance, sale and delivery of the Bonds.

36. RETENTION OF FINANCIAL CONSULTANTS. MFCI, LLC, Milford, Michigan, is hereby retained to act as financial consultant and advisor to the Drainage District in connection with the sale and delivery of the Bonds.

37. AMENDMENT TO ROLL NO.1. Roll No. 1 may be prepared in part based on estimates of the costs of the Project. In addition to other supplements, amendments or revisions authorized by this resolution, upon receipt of the final costs of the Project, the Chairperson and Secretary are authorized to amend Roll No. 1 to reduce the amount of the assessments and the annual installments of the special assessments due on Roll No. 1 based on the final costs of the Project; provided, however, the amount of such special assessments and annual installments shall not be less than the amount of principal outstanding on any Bonds corresponding to Roll No. 1 and issued pursuant to this resolution.

38. AMENDMENTS AND SUPPLEMENTAL RESOLUTIONS. The Drainage Board may from time to time adopt such amendments to this Resolution as are necessary for the issuance of the Bonds. In addition, the Drainage Board may adopt such supplemental resolutions as are necessary for the issuance of any series of Bonds authorized pursuant to this Resolution.

39. CONFLICTING RESOLUTIONS. All resolutions and parts of resolutions in conflict with the foregoing are hereby rescinded.

40. EFFECTIVE DATE. This Resolution shall become effective immediately upon its adoption and shall be recorded in the minutes of the Drainage District as soon as practicable after adoption.

A roll-call vote on the foregoing resolution was taken and was as follows:

YES: 3

NO: 0

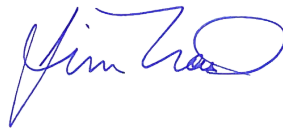
ABSTAIN: 0

The resolution was declared adopted.

CERTIFICATION OF PROCEEDINGS

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of a resolution adopted at a meeting of the Drainage Board for the Oakland-Macomb Interceptor Drain Drainage District held in Waterford, Township, Michigan on June 12, 2024; that said meeting was conducted and public notice of said meeting was given pursuant to and in full compliance with the Open Meetings Act, being Act 267, Public Acts of Michigan, 1976, as the same may be or has been expanded, extended, supplemented or replaced from time to time and that the minutes of said meeting were kept and will be or have been made available as required by said Act.

DATED: June 12, 2024



Jim Nash, Secretary of the Drainage Board

EXHIBIT A

Oakland-Macomb Interceptor Drain Drainage District Bonds, Series 2024 **Project and Project Costs**

OMID Odor-Corrosion Project Description for Bonds

The Oakland-Macomb Interceptor Drain (OMID) interceptor system was originally constructed in the 1970s and is approaching 50 years in age. The system has experienced degradation due to sulfuric acid formed from hydrogen sulfide (H₂S). The H₂S emitted from the system has also been the source of odor complaints. While the OMID system has been lined in many sections, the H₂S still poses a threat to unlined components as well as a continual odor issue in certain locations. Accordingly, the H₂S must be addressed to prevent further degradation, extend the interceptor system life, and reduce odor complaints throughout the system.

The OMID Odor and Corrosion Control Project will provide the Owner with new odor and control systems at two sites in Sterling Heights, Macomb County, Michigan to reduce the impact of H₂S in the system. The Work includes the following:

1. Meter ST-S-1 Site (Utica and Dodge Park):
 - a. Demolition of existing odor control unit and associated ductwork at Meter ST-S-1 at Utica Road/Dodge Park Road.
 - b. Demolition of guardrail, concrete sidewalk, and other site features
 - c. Installation of an activated carbon vessel, exhaust fan with variable frequency drive (VFD) and ancillary facilities.
 - d. Installation of 480V 3-phase power and ancillary wiring and panels.
 - e. Modifications to the irrigation system.
 - f. Installation of landscaping
 - g. Installation of emergency pressure relief vent.
 - h. Make other improvements to on-site structures as needed to facilitate the Project.
2. Meter ST-S-3 Site (Sorrento and Dodge Park):
 - a. Demolition of above-grade facilities associated with the Meter ST-S-3 vault at Dodge Park Road/Sorrento Boulevard.
 - b. Demolition of existing site fencing and other site features
 - c. Demolition of partial underground sheeting
 - d. Installation of an activated carbon facility, exhaust fan with variable frequency drive (VFD), and other appurtenance facilities.
 - e. Installation of 480V 3-phase power and ancillary wiring and panels.
 - f. Construct a replica house structure with a basement foundation to contain the new equipment.
 - g. Make other improvements to on-site structures as needed to facilitate the Project.
3. Other sites:
 - a. Installation of emergency pressure relief vents at control structures CS-5, CS-9, PCI—7-107 and PCI-7-109 in the ITC corridor and Sterling Heights.

EXHIBIT B

Oakland-Macomb Interceptor Drain – Public Corporations

The Bonds are to be issued in anticipation of the collection of Oakland-Macomb Interceptor Drain Bonds Series 2024 Special Assessments, under the provisions of Chapter 21 of Act 40, Public Acts of Michigan, 1956, as amended (the “Drain Code” or “Act 40”), against the following Public Corporations:

<u>County of Oakland</u> <u>PUBLIC CORPORATIONS</u>	<u>33.1000%</u> <u>Percentage</u> <u>of Project</u>
City of Auburn Hills	4.9705%
Independence Township (incl. Village of Clarkston)	2.4213%
City of Lake Angelus	0.0185%
Village of Lake Orion	0.3409%
Oakland Township	1.0393%
Orion Township	3.1494%
Oxford Township	1.2468%
Village of Oxford	0.5928%
City of Rochester	1.9526%
City of Rochester Hills	8.1106%
Waterford Township	7.6159%
West Bloomfield Township	1.6414%
County of Oakland Total	<u>33.1000%</u>
<u>County of Macomb</u> <u>PUBLIC CORPORATIONS</u>	<u>66.9000%</u> <u>Percentage</u> <u>of Project</u>
Chesterfield Township	4.9783%
Clinton Township	13.9899%
City of Fraser	2.8103%
Harrison Township	4.1896%
Lenox Township	0.7827%
Macomb Township	9.4656%
Village of New Haven	0.5614%
Shelby Township	6.5484%
City of Sterling Heights	20.6591%
City of Utica	1.0966%
Washington Township	1.8181%
County of Macomb Total	<u>66.9000%</u>
Combined Total:	<u>100.0000%</u>

The assessments are a general obligation of the Public Corporations, and are payable from the respective Public Corporations’ general funds or from ad valorem taxes which may be levied

on all taxable property in the Public Corporation, subject to constitutional, statutory and charter limitations. under the applicable provisions of the Drain Code with respect to the Project, for the purpose of paying the costs of performing certain drainage projects and the costs of issuance of the Bonds.

EXHIBIT C

**OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT, DRAIN
BONDS SERIES 2024**

SPECIAL ASSESSMENT ROLL NO. 1

(An Inter-County Drain in Oakland and Macomb Counties, Michigan)

Oakland-Macomb Interceptor Drain Drainage District Drain Bonds, Series 2024
Special Assessment Roll No. 1 ("Roll No. 1")
(An Inter-County Drain in Oakland County and Macomb County, Michigan)
Dated: June 12, 2024

Total Amount Assessed for the Project Costs:	\$ 11,140,000
Total Prepayments:	-
Total Project Cost Bonded:	11,140,000
Estimated Total Amount to be Assessed for the Financing Costs (Including Est. Underwriter Discount):	260,000
Financing Contingency:	-
Total Bond Issue*:	\$ 11,400,000

*Including Financing Costs and Contingency

<u>County of Oakland</u> PUBLIC CORPORATIONS	33.1000% Percentage of Project	Amount Assessed for Project	Amount Assessed for Financing Costs	Amount Assessed for Bond Issue	33.1000% Percentage of Bond Issue
City of Auburn Hills	4.9705%	\$553,714	\$12,923	\$566,637	4.9705%
Independence Township (incl. Village of Clarkston)	2.4213%	269,733	6,295	276,028	2.4213%
City of Lake Angelus	0.0185%	2,061	48	2,109	0.0185%
Village of Lake Orion	0.3409%	37,976	886	38,862	0.3409%
Oakland Township	1.0393%	115,778	2,702	118,480	1.0393%
Orion Township	3.1494%	350,843	8,188	359,031	3.1494%
Oxford Township	1.2468%	138,894	3,242	142,136	1.2468%
Village of Oxford	0.5928%	66,038	1,541	67,579	0.5928%
City of Rochester	1.9526%	217,520	5,077	222,597	1.9526%
City of Rochester Hills	8.1106%	903,521	21,088	924,609	8.1106%
Waterford Township	7.6159%	848,411	19,801	868,212	7.6159%
West Bloomfield Township	1.6414%	182,852	4,268	187,120	1.6414%
County of Oakland Total	33.1000%	\$3,687,341	\$86,059	\$3,773,400	33.1000%
<u>County of Macomb</u> PUBLIC CORPORATIONS	66.9000% Percentage of Project	Amount Assessed for Project	Amount Assessed for Financing Costs	Amount Assessed for Bond Issue	66.9000% Percentage of Bond Issue
Chesterfield Township	4.9783%	\$554,583	\$12,944	\$567,527	4.9783%
Clinton Township	13.9899%	1,558,475	36,374	1,594,849	13.9899%
City of Fraser	2.8103%	313,067	7,307	320,374	2.8103%
Harrison Township	4.1896%	466,721	10,893	477,614	4.1896%
Lenox Township	0.7827%	87,193	2,035	89,228	0.7827%
Macomb Township	9.4656%	1,054,468	24,611	1,079,079	9.4656%
Village of New Haven	0.5614%	62,540	1,460	64,000	0.5614%
Shelby Township	6.5484%	729,492	17,026	746,518	6.5484%
City of Sterling Heights	20.6591%	2,301,423	53,713	2,355,136	20.6591%
City of Utica	1.0966%	122,161	2,851	125,012	1.0966%
Washington Township	1.8181%	202,536	4,727	207,263	1.8181%
County of Macomb Total	66.9000%	\$7,452,659	\$173,941	\$7,626,600	66.9000%
Combined Total:	100.0000%	\$11,140,000	\$260,000	\$11,400,000	100.0000%

EXHIBIT D

PROJECT COST ESTIMATE OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT BONDS, SERIES 2024 (GENERAL OBLIGATION LIMITED TAX)

	Total Cost
1) Construction (FAC)	
Project Construction Cost (Est) (731472)	\$ 7,419,000
Sub-Total	\$ 7,419,000
2) Project Development: Engineering Consulting (ENG CON)	
Preliminary Design (730639)	
Design (730639)	\$ 1,100,000
CCA (731444)	\$ 1,250,000
Scheduling Consultant (731458)	\$ -
Additional Special Services (730373)	\$ 75,000
Sub-Total	\$ 2,350,000
3) Project Financing & Legal (LEGAL)	
Project Insurance (730940)	\$ -
Bond Issuance (Legal) (731073)	\$ 31,988
Bond Issuance (Financial Consultant) (731458)	\$ 31,000
Estimated Underwriter Fee (1.50% of Total Borrowing Amt.)	\$ 172,410
Bond Rating Fee	\$ 20,000
Publications	\$ 3,000
Paying Agent Fee	\$ 500
State of Michigan Fee	\$ 1,000
Legal Fees (contract agreements) (731073)	\$ 50,000
Wetland Mitigation	\$ -
Sub-Total	\$ 310,000
3) Right-of-Way Services (ROW)	
Easement Fees	\$ 25,000
Legal Fees (easement) (731073)	
Permits	\$ 20,000
County Personnel Time	\$ 32,030
Sub-Total	\$ 77,000
4) Exclusive County Services:	
Administration (ADM)	\$ -
Engineering-OCWRC (ENG)	\$ 192,797
Construction Inspection (INS)	\$ 294,855
Surveying (SUR)	\$ 5,000
O&M/Equipment Startup and Training/Corrections-OCWRC (STD)	\$ 3,691
Sub-Total	\$ 496,000
5) Subtotal:	\$ 10,652,000
6) Contingency (10% of Construction)	\$ 742,000
Total Project Cost	\$ 11,400,000

EXHIBIT E

[FORM OF OFFICIAL NOTICE OF SALE]

OFFICIAL NOTICE OF SALE

\$ _____

STATE OF MICHIGAN

COUNTY OF OAKLAND AND COUNTY OF MACOMB

**OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT
BONDS, SERIES 2024 (GENERAL OBLIGATION LIMITED TAX)**

SEALED OR ELECTRONIC BIDS: Sealed written bids for the purchase of the bonds described herein (the “Bonds”) will be received by the undersigned for and on behalf of the Oakland-Macomb Interceptor Drain Drainage District (the “Drainage District” or “Issuer”) at the Drainage District Drain Board at _____, on _____, _____ until ____:____.m., Eastern _____ Time, at which time and place said bids will be publicly opened and read.

In the alternative, sealed written bids will also be received on the same date and until the same time by an agent of the undersigned at the Municipal Advisory Council of Michigan, 26211 Central Park Blvd, Suite 508, Southfield, Michigan 48073, where they will be publicly opened simultaneously. Bids received at Southfield, Michigan, will be read first, followed by those bids received at the alternate location. Bidders may choose either location to present bids and good faith checks, but not both locations. Any bidder may submit a bid in person to either proposing location. However, no bidder is authorized to submit a FAX bid to _____.

Also in the alternative, electronic bids will also be received on the same date and until the same time by an agent of the undersigned Bidcomp/Parity. Further information about Bidcomp/Parity, including any fee charged, may be obtained from Bidcomp/Parity, Eric Washington, 1359 Broadway, 2nd Floor, New York, New York, 10018, (212) 849-5021.

If any provision of this Notice of Sale shall conflict with information provided by Bidcomp/Parity as the approved provider of electronic proposing services, this Official Notice of Sale shall control.

The Bonds will be awarded or all bids will be rejected by the _____ at a proceeding to be held within twenty-four hours of the sale.

BOND DETAILS: The Bonds will be dated _____ 1, _____ and will be known as “Oakland-Macomb Interceptor Drain Drainage District Bonds (Limited Tax General Obligation) Series 2024 (2024 Issue)”. The Bonds will be fully registered Bonds in any one or more denominations of \$5,000 or a multiple of \$5,000, numbered from 1 upwards and will bear interest from their date payable January 1, 2024 and semi-annually thereafter until maturity. The Bonds will mature on the 1st day of July in each year as follows:

YEAR AMOUNT YEAR AMOUNT

PRIOR REDEMPTION: Bonds shall be subject to redemption as follows: _____

INTEREST RATE AND BIDDING DETAILS: The Bonds shall bear interest at a rate or rates not exceeding 6% per annum, to be fixed by the bids therefor, expressed in multiples of 1/8 or 1/100 of 1%, or both. The interest on any one bond shall be at one rate only. All bonds maturing in any one year must carry the same interest rate. THE INTEREST RATE BORNE BY BONDS MATURING IN ANY YEAR SHALL NOT BE AT A RATE LOWER THAN THE RATE BORNE BY BONDS MATURING IN ANY PRECEDING YEAR. No bid for the purchase of less than all of the Bonds, at a price less than ____% or more than ____% of their par value or at an interest rate or rates that will result in a net interest cost exceeding ____%, will be considered.

TERM BOND OPTION: Bonds maturing in the years ____-____, inclusive, are eligible for designation by the original purchaser at the time of sale as serial Bonds or term Bonds, or both. There may be more than one Term Bond maturity. However, principal maturities designated as Term Bonds shall be subject to mandatory redemption, in part, by lot, at par and accrued interest on _____1st of the year in which the Bonds are presently scheduled to mature. Each maturity of Term Bonds and Serial bonds must carry the same interest rate. Any such designation must be made at the time the bids are submitted.

BOOK-ENTRY-ONLY: The Bonds will be issued in book-entry-only form as one fully-registered bond per maturity and will be registered in the name of Cede & Co., as nominee for The Depository Trust Company ("DTC"), New York, New York. DTC will act as securities depository for the Bonds. Purchase of the Bonds will be made in book-entry-only form, in the denomination of \$5,000 or any multiple thereof. Bidders will not receive certificates representing their interest in Bonds purchased. The book-entry-only system is described further in the nearly final official statement for the Bonds.

BOND REGISTRAR, PAYING AGENT AND DATE OF RECORD: _____, _____, Michigan has been selected as paying agent and bond registrar (the "Bond Registrar") for the Bonds. The Bond Registrar will keep records of the registered holders of the Bonds, serve as transfer agent for the Bonds, authenticate the original and any re-issued bonds and pay interest by check or draft mailed to the registered holders of the Bonds as shown on the registration books of the Drainage District kept by the Bond Registrar on the applicable date of record. The date of record for each interest payment shall be the 15th day of the month before such payment is due. The principal of and redemption premium, if any, on the Bonds will be paid when due upon presentation and surrender thereof to the Bond Registrar. As long as DTC, or its nominee Cede & Co., is the registered owner of the Bonds, payments will be made directly to such registered owner. Disbursement of such payments to DTC participants is the responsibility of DTC and disbursement of such payments to the beneficial owners of the Bonds is the responsibility of DTC participants and indirect participants as described in the Preliminary Official Statement for the Bonds. The Issuer may from time to time as required designate a successor bond registrar and paying agent.

PURPOSE AND SECURITY: The Bonds are being issued pursuant to Act No. 40, Public Acts of Michigan, 1956, as amended ("Act 40") for the following purposes: [To be inserted by Bond Counsel]

The Drainage District's Bonds are being issued in anticipation of the collection of an equal amount of special assessments against the Public Corporations on the Bonds Special Assessment Roll for the Oakland-Macomb Interceptor Drain adopted by the Drainage Board. The full faith and credit of the Drainage District is pledged hereby for the prompt payment of the principal of and interest on the Bonds as the same shall become due. The limited tax full faith and credit of the County of Oakland has been pledged for the prompt payment of the principal of and interest on the Bonds pursuant to a resolution to that effect approved by two-thirds of the members-elect of the Board of Commissioners of the County of Oakland. The limited tax full faith and credit of the County of Macomb has been pledged for the prompt payment of the principal of and interest on the Bonds pursuant to a resolution to that effect approved by two-thirds of the members-elect of the Board of Commissioners of the County of Macomb.

ADJUSTMENT IN PRINCIPAL AMOUNT: The aggregate principal amount of this issue has been determined as the amount necessary to construct the project and pay a portion or all of the costs of issuance of the Bonds, assuming certain conditions and events exist on the date of sale. The Drainage District reserves the right to increase or decrease the total par amount of the Bonds by any amount prior to the sale or following the opening of bids. The increase or decrease may be made in any one or more maturities. The purchase price will be adjusted proportionately to the increase or decrease in issue size, but the interest rates specified by the successful bidder for all maturities will not change. In the case of a bid with a premium, the aggregate amount of the Bonds will generally be reduced by at least the amount of the premium offered. The successful bidder may not withdraw the bid as a result of any changes made within these limits.

ADJUSTMENT IN DISCOUNT/PREMIUM: In the event the principal amount of this issue is increased or decreased, the premium or discount bid, if any, will be adjusted upwards or downwards so that it is the same percent as the premium or discount originally bid.

BOND INSURANCE AT PURCHASER'S OPTION: If the Bonds qualify for issuance of any policy of municipal bond insurance or commitment therefor at the option of the bidder, the purchase of any such insurance policy or the issuance of any such commitment shall be at the option and expense of the purchaser of the Bonds. Any increased costs of issuance of the Bonds resulting from such purchase of insurance shall be paid by the purchaser. Any additional rating agency fees shall be the responsibility of the purchaser. FAILURE OF THE MUNICIPAL BOND INSURER TO ISSUE THE POLICY AFTER THE BONDS HAVE BEEN AWARDED TO THE PURCHASER SHALL NOT CONSTITUTE CAUSE FOR FAILURE OR REFUSAL BY THE PURCHASER TO ACCEPT DELIVERY OF THE BONDS FROM THE DRAINAGE DISTRICT.

GOOD FAITH: A certified or cashier's check drawn upon an incorporated bank or trust company or a wire transfer in an amount equal to 2% (\$_____) of the face amount of the Bonds, and payable to the order of the Drainage District will be required of the successful bidder as a guarantee of good faith on the part of the bidder, to be forfeited as liquidated damages if such bid be accepted and the bidder fails to take up and pay for the Bonds. If a check is used, it must accompany each bid. If a wire transfer is used, the successful bidder is required to wire the good faith deposit not later than Noon, prevailing Eastern Time, on the next business day following the sale using the

wire instructions provided by MFCI LLC. The good faith deposit will be applied to the purchase price of the Bonds. No interest shall be allowed on the good faith checks, and checks of each unsuccessful bidder will be promptly returned to such bidder's representative or by registered mail. The good faith check of the successful bidder will be cashed immediately, in which event, payment of the balance of the purchase price of the Bonds shall be made at the closing.

AWARD OF THE BONDS – TRUE INTEREST COST: The Bonds will be awarded to the bidder whose bid produces the lowest true interest cost determined in the following manner: the lowest true interest cost will be the single interest rate (compounded on _____ and semi-annually thereafter) necessary to discount the debt service payments from their respective payment dates to _____ in an amount equal to the price bid, excluding accrued interest. _____ is the anticipated date of delivery of the Bonds.

LEGAL OPINION: Bids shall be conditioned upon the approving opinion of Clark Hill PLC, attorneys of Detroit, Michigan (the "Bond Counsel") a copy of which opinion will be printed on the reverse side of each bond and the original of which will be furnished without expense to the purchaser of the Bonds at the delivery thereof. The fees of Bond Counsel for services rendered in connection with such approving opinion are expected to be paid from bond proceeds. Except to the extent necessary to issue such opinion and as described in the official statement, Bond Counsel has not been requested to examine or review and has not examined or reviewed any financial documents, statements or other materials that have been or may be furnished in connection with the authorization, issuance or marketing of the Bonds, and therefore, has not expressed and will not express an opinion with respect to the accuracy or completeness of the official statement or any such financial documents, statements or materials. THE ISSUER RESERVES THE RIGHT TO REJECT ANY BID CONDITIONED ON ANY OTHER LEGAL REVIEW OR ANY OTHER CONDITION OF THE TRANSACTION IF IT IS MADE A CONDITION OF THE BID.

TAX MATTERS: [To be inserted by Bond Counsel]

"NOT QUALIFIED TAX EXEMPT OBLIGATIONS": The Bonds have not been designated as "qualified tax-exempt obligations" within the meaning of Section 265(b)(3) of the Internal Revenue Code of 1986.

"CERTIFICATE REGARDING ISSUE PRICE": The winning bidder shall assist the Issuer in establishing the issue price of the Bonds and shall execute and deliver to the Issuer at Closing an "issue price" or similar certificate setting forth the reasonably expected initial offering price to the public or the sales price or prices of the Bonds, together with the supporting pricing wires or equivalent communications, substantially in the form provided by Bond Counsel, with such modifications as may be appropriate or necessary, in the reasonable judgment of the winning bidder, the Issuer and Bond Counsel. All actions to be taken by the Issuer under this Notice of Sale to establish the issue price of the Bonds may be taken on behalf of the Issuer by the Issuer's municipal advisor identified herein and any notice or report to be provided to the Issuer may be provided to the Issuer's municipal advisor.

The Issuer intends that the provisions of Treasury Regulation Section 1.148-1(f)(3)(i) (defining "competitive sale" for purposes of establishing the issue price of the Bonds) will apply to the initial sale of the Bonds (the "competitive sale requirements") because:

- (1) the Issuer is disseminating this Notice of Sale to potential underwriters in a manner that is reasonably designed to reach potential underwriters;
- (2) all bidders shall have an equal opportunity to bid;
- (3) the Issuer anticipates receiving bids from at least three underwriters of municipal bonds who have established industry reputations for underwriting new issuances of municipal bonds; and
- (4) the Issuer anticipates awarding the sale of the Bonds to the bidder who submits a firm offer to purchase the Bonds at the lowest true interest cost, as set forth in this Notice of Sale.

Any bid submitted pursuant to this Notice of Sale shall be considered a firm offer for the purchase of the Bonds, as specified in the bid.

In the event that competitive sale requirements are satisfied, the winning bidder shall be expected to certify as to the reasonably expected initially offering price of the Bonds to the public.

In the event that the competitive sale requirements are not satisfied, the Issuer shall so advise the winning bidder. The Issuer shall treat (i) the first price at which 10% of a maturity of the Bonds (the “10% test”) is sold to the public as of the sale date as the issue price of that maturity and (ii) the initial offering price to the public as of the sale date of any maturity of the Bonds not satisfying the 10% test as of the sale date as the issue price of that maturity (the “hold-the-offering-price rule”), in each case applied on a maturity-by-maturity basis (and if different interest rates apply within a maturity, to each separate CUSIP number within that maturity). The winning bidder shall advise the Issuer if any maturity of the Bonds satisfies the 10% test as of the date and time of the award of the Bonds. Any maturity of the Bonds (and if different interest rates apply within a maturity, to each separate CUSIP number within that maturity) that does not satisfy the 10% test as of the date and time of the award of the Bonds shall be subject to the hold-the-offering-price rule. Bids will not be subject to cancellation in the event that any maturity of the Bonds is subject to the hold-the-offering-price rule. Bidders should prepare their bids on the assumption that some or all of the maturities of the Bonds will be subject to the hold-the-offering-price rule in order to establish the issue price of the Bonds.

By submitting a bid, each bidder confirms that, except as otherwise provided in its bid, it has an established industry reputation for underwriting new issuances of municipal bonds, and, further, the winning bidder shall (i) confirm that the underwriters have offered or will offer the Bonds to the public on or before the date of award at the offering price or prices (the “initial offering price”), or at the corresponding yield or yields, set forth in the bid submitted by the winning bidder and (ii) agree, on behalf of the underwriters participating in the purchase of the Bonds, that the underwriters will neither offer nor sell unsold Bonds of any maturity to which the hold-the-offering-price rule shall apply to any person at a price that is higher than the initial offering price to the public during the period starting on the sale date and ending on the earlier of the following:

- (1) the close of the fifth (5th) business day after the sale date; or
- (2) the date on which the underwriters have sold at least 10% of that maturity of the Bonds to the public at a price that is no higher than the initial offering price to the public.

The winning bidder shall promptly advise the Issuer when the underwriters have sold 10% of that maturity of the Bonds to the public at a price that is no higher than the initial offering price to the public, if that occurs prior to the close of the fifth (5th) business day after the sale date.

The Issuer acknowledges that, in making the representation set forth above, the winning bidder will rely on (i) the agreement of each underwriter to comply with the hold-the-offering-price rule, as set forth in an agreement among underwriters and the related pricing wires, (ii) in the event a selling group has been created in connection with the initial sale of the Bonds to the public, the agreement of each dealer who is a member of the selling group to comply with the hold-the-offering-price rule, as set forth in a selling group agreement and the related pricing wires, and (iii) in the event that an underwriter is a party to a retail distribution agreement that was employed in connection with the initial sale of the Bonds to the public, the agreement of each broker-dealer that is a party to such agreement to comply with the hold-the-offering-price rule, as set forth in the retail distribution agreement and the related pricing wires. The Issuer further acknowledges that each underwriter shall be solely liable for its failure to comply with its agreement regarding the hold-the-offering-price rule and that no underwriter shall be liable for the failure of any other underwriter, or of any dealer who is a member of a selling group, or of any broker-dealer that is a party to a retail distribution agreement to comply with its corresponding agreement regarding the hold-the-offering-price rule as applicable to the Bonds.

By submitting a bid, each bidder confirms that: (i) any agreement among underwriters, any selling group agreement and each retail distribution agreement (to which the bidder is a party) relating to the initial sale of the Bonds to the public, together with the related pricing wires, contains or will contain language obligating each underwriter, each dealer who is a member of the selling group, and each broker-dealer that is a party to such retail distribution agreement, as applicable, to comply with the hold-the-offering-price rule if and for so long as directed by the winning bidder and as set forth in the related pricing wires, and (ii) any agreement among underwriters relating to the initial sale of the Bonds to the public, together with the related pricing wires, contains or will contain language obligating each underwriter that is a party to a retail distribution agreement to be employed in connection with the initial sale of the Bonds to the public to require each broker-dealer that is a party to such retail distribution agreement to comply with the hold-the-offering-price rule if and for so long as directed by the winning bidder or such underwriter and as set forth in the related pricing wires.

Sales of any Bonds to any person that is a related party to an underwriter shall not constitute sales to the public for purposes of this Notice of Sale. Further, for purposes of this Notice of Sale:

- (i) “public” means any person other than an underwriter or a related party,
- (ii) “underwriter” means (A) any person that agrees pursuant to a written contract with the Issuer (or with the lead underwriter to form an underwriting syndicate) to participate in the initial sale of the Bonds to the public and (B) any person that agrees pursuant to a written contract directly or indirectly with a person described in clause (A) to participate in the initial sale of the Bonds to the public (including a member of a selling group or a party to a retail distribution agreement participating in the initial sale of the Bonds to the public),
- (iii) a purchaser of any of the Bonds is a “related party” to an underwriter if the underwriter and the purchaser are subject, directly or indirectly, to (i) at least 50% common ownership of the voting

power or the total value of their stock, if both entities are corporations (including direct ownership by one corporation of another), (ii) more than 50% common ownership of their capital interests or profits interests, if both entities are partnerships (including direct ownership by one partnership of another), or (iii) more than 50% common ownership of the value of the outstanding stock of the corporation or the capital interests or profit interests of the partnership, as applicable, if one entity is a corporation and the other entity is a partnership (including direct ownership of the applicable stock or interests by one entity of the other), and

(iv) “sale date” means the date that the Bonds are awarded by the Issuer to the winning bidder.

DELIVERY OF BONDS: The Drainage District will furnish Bonds ready for execution at its expense. Bonds will be delivered without expense to the purchaser. The usual closing documents, including a certificate that no litigation is pending affecting the issuance of the Bonds, will be delivered at the time of delivery of the Bonds. If the Bonds are not tendered for delivery by twelve o'clock noon, Eastern Time, on the 45th day following the date of sale, or the first business day thereafter if said 45th day is not a business day, the successful bidder may on that day, or any time thereafter until delivery of the Bonds, withdraw its bid by serving notice of cancellation, in writing, on the undersigned in which event the Drainage District shall promptly return the good faith deposit. Payment for the Bonds shall be made in Federal Reserve Funds. Accrued interest to the date of delivery of the Bonds shall be paid by the purchaser at the time of delivery. Nor withstanding the foregoing, the successful Bidder will be required to pay for and accept delivery of the Bonds on _____, 2024.

UNDERTAKING TO PROVIDE CONTINUING DISCLOSURE: In order to assist bidders in complying with SEC Rule 15c2-12, as amended, the County of Oakland and the County of Macomb will covenant to undertake (pursuant to a resolution adopted or to be adopted by its governing body), to provide annual reports and timely notice of certain events for the benefit of beneficial owners of the Bonds. The details and terms of the undertaking are set forth in a Continuing Disclosure Certificate to be executed and delivered by the Drainage District, a form of which is included in the Preliminary Official Statement and in the Final Official Statement.

OFFICIAL STATEMENT:

Hard Copy

A copy of the Preliminary Official Statement (the “Preliminary Official Statement”) may be obtained by contacting MFCI LLC, at the address listed below. The Preliminary Official Statement is in a form deemed final as of its date by the Drainage District for purposes of SEC Rule 15c2-12(b)(1), but is subject to revision, amendment and completion of a Final Official Statement (the “Final Official Statement”). The successful bidder shall supply to the Drainage District, within twenty-four (24) hours after the award of the Bonds, all pricing information and any underwriter identification determined by Bond Counsel to be necessary to complete the Final Official Statement.

Internet

In addition, the Drainage District has authorized the preparation and distribution of a Preliminary Official Statement containing information relating to the Bonds via the Internet. The

Preliminary Official Statement can be viewed and downloaded at www.i-dealprospectus.com or at www.tm3.com.

The Drainage District will provide on a timely basis sufficient copies of the Final Official Statement to comply with paragraphs (b)(3) and (b)(4) of the Rule and the rules of the Municipal Securities Rulemaking Board. Additional copies will be supplied upon the bidder's agreement to pay the cost incurred by the Drainage District for those additional copies.

The Drainage District shall deliver, at closing, an executed certificate to the effect that as of the date of delivery the information contained in the Final Official Statement, including revisions, amendments and completions as necessary, relating to the Drainage District and the Bonds is true and correct in all material respects, and that such Final Official Statement does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements therein, in light of the circumstances under which they were made, not misleading.

CUSIP NUMBERS: It is anticipated that CUSIP numbers will be printed on the Bonds, but neither the failure to print such numbers nor any improperly printed number shall constitute cause for the purchaser to refuse to accept delivery of or to pay for the Bonds. All expenses for printing CUSIP numbers on the Bonds shall be paid for by the Drainage District, except that the CUSIP Service Bureau charge for the assignment of such numbers shall be the responsibility of and shall be paid for by the purchaser.

ADDITIONAL INFORMATION: Further information may be obtained from the undersigned at the following address MFCI, LLC, 435 Union St., Milford, Michigan, 48381 or from Steven Burke, CFA, telephone (313) 782-3011, email: os@mfc.com.

THE RIGHT IS RESERVED TO REJECT ANY OR ALL BIDS.

ENVELOPES: Envelopes containing the bids should be plainly marked "bid for Oakland-Macomb Interceptor Drain Drainage District Drain Bonds, Series 2024 (General Obligation limited Tax)."

8. Contract Award for the Construction of Odor and Corrosion Control System with the OMID to Commercial Contracting Corporation

Jen Cook presented a memorandum for the design installation of the odor and corrosion control system. She advised that the bid was awarded to Commercial Contracting Corporation (CCC) and is confident in their capabilities for this project. Ms. Cook recommended proceeding with the award process to CCC.

Motion by Vaara, supported by Miller, to authorize the award of a construction contract for the OMID Odor and Corrosion Control Systems to Commercial Contracting Corporation for a not-to-exceed price of \$7,419,000.

ADOPTED: Yeas - 3
Nays - 0

9. Clemson Presentation.

John Michalski with ASI provided the Board with a PowerPoint presentation (as attached) detailing the study done at Clemson Engineering Hydraulics in Anderson, South Carolina. The study was conducted to determine the cause of performance issues within the OMID NESPS pumps. Mr. Michalski gave a detailed account as to the pumping issues and gave two recommendations to resolve the current pump issues. Discussion ensued as to the best and most cost-effective solution.

Motion by Miller, supported by Vaara, to authorize the addition of swirl vanes to Pumps 2 and 6 for a cost not-to-exceed \$75,000.

ADOPTED: Yeas - 3
Nays - 0

10. Construction Pay Estimates.

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

- a) Construction Estimate No. 44 for Walsh Construction for NESPS Pump & Electrical Upgrades Project (GMP Phase) in the amount of \$193,471.32 with a transfer to the Oakland County Treasurer in the amount of \$18,915.45. Motion by Miller, supported by Vaara, to approve the Construction Pay Estimate as presented.

ADOPTED: Yeas - 3
Nays - 0

- b) Construction Estimate No.10 for Z Contractors for NI-EA Contracts 2A and 2B – PCI 18 and 19 Rehabilitation in the amount of \$364,781.24. Motion by Vaara, supported by Miller, to approve the Construction Pay Estimate as presented.

ADOPTED: Yeas - 3
Nays - 0

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

Fritz Klingler of FK Engineering presented the Project Progress Update and presentation (attached) to the Board and summarized the status of various projects.

Motion by Miller, supported by Vaara, to receive and file the report as presented.

ADOPTED: Yeas - 3
Nays - 0

12. Financial Reports.

Shawn Phelps presented the financial reports for Segments 1 through 5 and the NESPS.

Motion by Miller, supported by Vaara, to receive and file the financial reports.

ADOPTED: Yeas - 3
Nays - 0

13. Invoices.

1) Labor/Fringes/Non-Direct Labor Factor			
• Segment 5 NI-EA Construction		\$	5,210.03
• Segment 5 NESPS Mech./Elect. Construction		\$	6,798.92
2) Equipment Charges			
• Segment 5 NI-EA Construction		\$	130.66
• Segment 5 NESPS Mech./Elect. Construction		\$	269.56
a) Clark Hill			
1) Invoice No. 1432299	NESPS	\$	1,402.50
2) Invoice No. 1432305	NI-EA	\$	1,173.00
b) CSM			
Invoice No. 3227	O&M	\$	539.00
c) Hesco			
1) Invoice No. 242299	O&M	\$	7,260.00
2) Invoice No. 242311	O&M	\$	6,898.75
d) Lardner			
Invoice No. 201192	O&M	\$	26,890.00
e) Metco			
Invoice No. 1811-65	O&M	\$	102,537.04
f) Motor City			
1) Invoice No. 95665	O&M	\$	2,131.55
2) Invoice No. 95722	O&M	\$	279.00
g) NTH Consultants, Ltd			
1) Engineering/Consulting Services NESPS Pumping and Electrical			
Invoice No. 635991	NESPS	\$	746.28
2) OMID NI-EA Contract No. 1 PCI-4 Rehab			
Invoice No. 635992	NI-EA	\$	6,248.64
3) Consulting Services PCI-18 and PCI-19 Rehabilitation			
Invoice No. 635994	NI-EA	\$	98,801.12
h) PMA Consultants			
Invoice No. 03559.01-47	NESPS	\$	21,525.26

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

ADOPTED: Yeas - 3
Nays - 0

14. Other Business.

None.

15. Adjourn.

Motion by Vaara, supported by Miller, to adjourn the June 12, 2024, meeting at 1:41 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 17, 2024.

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 12, 2024, 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 12th day of June 2024.



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

Agenda Item No. 4

Public Comment

Agenda Item No. 5

Closed Session

Agenda Item No. 6

**GLWA Highland Park Bad Debt Recovery Credits
Methodology**



Oakland-Macomb Interceptor Drain Drainage District

TO: Mike Gregg, Chairman
Oakland-Macomb Interceptor Drain Drainage Board

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

SUBJECT: GLWA Highland Park Bad Debt Recovery Credits Methodology

DATE: July 17, 2024

The City of Highland Park owed GLWA \$55 million in unpaid water and sewer bills as of January 2024. GLWA, at its June 26, 2024, Board meeting, approved a \$15 million credit to sewer customers related to the Highland Park bad debt. OMID's portion is \$3,483,700 of the total credit.

The GLWA resolution along with supporting documentation is included with this memorandum.

Recommended Action: Distribute credit directly to the MID and COSDS in the amounts shown in the supporting documentation.

OMIDDD GLWA Highland Park Bad Debt Recovery		\$ 3,483,700
COSDS Portion	33.82%	1,178,187
MIDD Portion	66.18%	2,305,513

Title

**Authorization to Apply Member Partner Bad Debt Recovery Credits #2023-2
Totaling \$20,026,500 Based Upon Achieving Satisfaction of Conditions Precedent
Related to Highland Park Bad Debt Recovery**

Body

Agenda of: June 26, 2024

Item No.: 2024-231

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 26, 2024

**RE: Authorization to Apply Member Partner Bad Debt Recovery Credits
#2023-2 Totaling \$20,026,500 Based Upon Achieving Satisfaction of
Conditions Precedent Related to Highland Park Bad Debt Recovery**

MOTION

Upon recommendation of Nicolette Bateson, Chief Financial Officer/Treasurer, the Board of Directors (Board) of the Great Lakes Water Authority (GLWA):

- 1) **Approves the Authorization to Apply Member Partner Bad Debt Recovery Credits #2023-2 Totaling \$20,026,500 Based Upon Achieving Satisfaction of Conditions Precedent Related to Highland Park Bad Debt Recovery noting that the City of Highland Park received debt forgiveness through the settlement agreement and therefore is not due any additional credits; and**
- 2) **Authorizes staff to apply the above credits to the June 2024 services which are billed and due at varying dates after July 1, 2024; and**
- 3) **Authorizes staff to withhold the above credit to any community that has a past due balance that is related to the Highland Park matter until such amount is paid in full; and**
- 4) **Authorizes the Chief Executive Officer to take such other action as may be necessary to accomplish the intent of this vote.**

BACKGROUND

A comprehensive settlement agreement between the State of Michigan, the City of Highland Park and GLWA has now been approved and executed by all parties and

resolves many years of litigation between the Detroit Water & Sewerage Department, then the Great Lakes Water Authority, and Highland Park. This follows an October 2023 Term Sheet which outlined the terms of the global resolution.

In addition to settlement discussions, consideration was given to how this settlement would impact other Member Partner communities - particularly those that funded some of the bad debt expense in previous years. At its November 16, 2023 meeting, the Board approved Resolution No. 2023-427 "Resolution Regarding Approval of Schedule of Member Partner Bad Debt Recovery Credits #2023-2 Totaling \$20,026,500 with Conditions Precedent Utilizing the Highland Park Bad Debt Recovery Credits Methodology." The Highland Park Bad Debt Recovery Credit Methodology provides for credit allocation among Member Partner communities of the Authority related to the settlement of the litigation between Highland Park and the Authority as discussed herein. Resolution 2023-427 authorized payment of Member Partner Bad Debt Recovery Credits totaling \$20,026,500 (\$5,026,500 for the Water System and \$15,000,000 for the Sewer System), conditioned upon satisfaction of certain conditions precedent necessary to effectuate the Term Sheet. It was expected that credits were to be provided no sooner than the fourth quarter of Fiscal Year 2024. A copy of a report that includes items from the Board action is posted on the GLWA website (also attached) and also follows this report.

JUSTIFICATION

Key actions to date indicate that the conditions precedent have been sufficiently met to authorize staff to set up the billing system to apply credits to June 2024 services which are billed and due at varying dates after July 1, 2024.

- ☐ On June 17, 2024, a payment was received for the \$5 million water system capital grant from the State of Michigan.
- ☐ Earlier in the calendar year, the capital grant from the State of Michigan to GLWA for the \$25 million sewer system grant was received.
- ☐ The U.S. District Court for the Eastern District of Michigan has advised that the check representing approximately \$241,000 in attorney's fees awarded to GLWA is being processed and will shortly be mailed to GLWA.
- ☐ The settlement agreement, new water and sewer contracts for Highland Park, and a trust agreement between Highland Park and US Bank as trustee are in place. Transfers appear to be deposited in the trust account as agreed upon and the initial distribution from the trustee to GLWA for services provided to the city of Highland Park has been made as agreed upon.
- ☐ The FY 2024 second quarter budget amendments included the commitment of funding for the Member Partner credits pending the cash collections to fund the budget commitments. As we approach the end of the year, the cash management plan has been designed to allow for the temporary decrease in collections in the first quarter of FY 2025 as a result of the credits.
- ☐ In early calendar year 2022, some Member Partners withheld payment as a means of expressing their frustration with the unresolved matter. The Charges &

Outreach Modeling manager has been in communication with each of those communities. As of June 24, 2024, only one community has not responded to multiple attempts to request payment. It is recommended that credits not be applied to any communities that have a past due balance that is related to the Highland Park matter until such amount is paid in full.

- The Financial Services Area team, General Counsel personnel, and outside counsel are coordinating a few remaining details.
- The City of Highland Park received debt forgiveness through the settlement agreement and therefore is not due any additional credits.

BUDGET IMPACT

The budget impact as noted above and in the attached were reflected in the FY 2024 Second Quarter Budget Amendment report. That budget impact analysis remains valid today.

COMMITTEE REVIEW

The GLWA Audit Committee was briefed on the status of this matter at its June 17, 2024 meeting. No action was recommended at that time pending final analysis and legal update.

SHARED SERVICES IMPACT

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



Bad Debt Recovery Credit Pending

Calculated Consistent with the Methodology
Established by the Bad Debt Recovery Methodology in
Board Resolution #2023-427

for

Future Bad Debt Recovery Credits Pending Certain
Conditions Precedent as
Adopted by the Board of Directors
November 16, 2023

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December 5, 2023

To Our Member Partners:

The purpose of this document is to provide you with talking points as it relates to the [Term Sheet](#) that was approved by the Great Lakes Water Authority (GLWA) Board of Directors on October 25, 2023 and subsequent action by the Board on November 16, 2023 that outlines a plan to provide reimbursement credits to Member Partners following the implementation of the Term Sheet.

Key Points Related to the Term Sheet

The Term Sheet outlines the framework for a settlement agreement between the city of Highland Park, the State of Michigan, and GLWA which encompasses several next steps. There are three main pillars to the Term Sheet that not only provide much needed assurances from Highland Park, but also support a fresh start in the GLWA-Highland Park-State of Michigan relationship:

- *Pillar 1:* Payment assurances from Highland Park (including entering into GLWA model contracts for water and sewer and agreeing to mandatory, expedited binding arbitration for all disputes);
- *Pillar 2:* Investment in capital improvements in the Highland Park and GLWA systems by the State (\$30M to GLWA -- \$25M previously appropriated for Wastewater Infrastructure projects and a new \$5M appropriation for water infrastructure projects);
- *Pillar 3:* The addition of metering to create confidence that Highland Park is being billed equitably for their use of the regional system.

Once the conditions precedent from the term sheet are met and the agreement is implemented, all litigation will be dismissed.

Direct Impact for Member Partners

While the pending resolution of these matters brings greater stability to the region, the settlement agreement did not provide specific funds to reimburse Member Partners for their contributions for prior bad debt expense. The GLWA Board of Directors did, however, at their meeting on November 16, 2023, unanimously approve a resolution that provides a plan to provide Highland Park bad debt recovery credits to reimburse first-tier member partners who had previously absorbed portions of the bad debt expense in their GLWA service charges. You can find that resolution [here](#).

A few key points about that resolution are below.

- **Timing:** The reimbursement plan is financially feasible after the Term Sheet is implemented. Although the depth and breadth of work required to satisfy the conditions precedent contained in the resolution and laid out in the settlement [Term Sheet](#) is significant, it is estimated that these bad debt recovery credits could be applied as early as the fourth quarter of the current GLWA fiscal year, which ends on June 30, 2024. The

exact amount of the credits will be determined closer to the actual date that credits will be applied.

- Of note, credits may not be applicable if a community has prior or current account delinquencies. In that case, those communities will be notified.
- Amount: The Board adopted resolution provides for water system Member Partners receiving 100 percent reimbursement of the amounts previously charged. Based upon limited funds available, first-tier sewer system Member Partners will be reimbursed approximately 45 percent of the amounts previously charged.
- Manner: The methodology for applying the credits will in a similar manner as that approved by the Board in June 2023, and that was applied to member Partner accounts in August 2023 for the \$1 million dollar payment received last year.

We will continue to provide updates as new information becomes available. As we do with all regional system issues that are multi-jurisdictional, GLWA will coordinate closely with Member Partners on the communications strategy going forward.

If you have overall questions about the bad debt credit recovery process, please contact Outreach@glwater.org.

Great Lakes Water Authority Board of Directors

General Certification

The undersigned hereby certifies that (i) the Resolution **2023-427** regarding **“Resolution Regarding Approval of Schedule of Member Partner Bad Debt Recovery Credits #2023-2 Totaling \$20,026,500 With Conditions Precedent Utilizing the Highland Park Bad Debt Recovery Credits Methodology”** attached hereto is a true and complete copy of the Resolution duly passed by the Great Lakes Water Authority Board of Directors at a meeting held on November 16, 2023 at which meeting a quorum was present and remained throughout, (ii) the original thereof is on file in the records of the Great Lakes Water Authority Board of Directors, (iii) the meeting was conducted, and public notice thereof was given, pursuant to and in full compliance with the Open Meetings Act (Act No. 267, Public Acts of Michigan, 1976, as amended); and (iv) Minutes of such meeting were kept and will be or have been made available as required thereby.

YES: Freman Hendrix, Brian Baker, Mark Miller, Gary A. Brown,
Jaye Quadrozzi, and John J. Zech

NO: None

ABSTAIN: None

EXCUSED: None

Dated: November 16, 2023



By: Rechanda L. Willis
Title: Executive Board Assistant

Resolution Regarding Approval of Schedule of Member Partner Bad Debt Recovery Credits #2023-2 Totaling \$20,026,500 With Conditions Precedent Utilizing the Highland Park Bad Debt Recovery Credits Methodology

Agenda of: November 16, 2023

Item No.: **2023-427**

Amount: \$20,026,500.00

TO: The Honorable
Board of Directors
Great Lakes Water Authority

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

DATE: October 25, 2023

RE: Resolution Regarding Approval of Schedule of Member Partner Bad Debt Recovery Credits #2023-2 Totaling \$20,026,500 With Conditions Precedent Utilizing the Highland Park Bad Debt Recovery Credits Methodology

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 #2023-427 to:

- 1. Approve the Schedule of Member Partner Bad Debt Recovery Credits #2023-2 totaling \$20,026,500 with \$5,026,500 for the water system and \$15,000,000 for the sewer system with conditions precedent utilizing the Highland Park Bad Debt Recovery Credits Methodology;**

2. Acknowledge that the following actions (collectively the “Conditions Precedent”), which provide indirect budget relief, are conditions precedent that must occur prior to the funding, application, and distribution of the credits:
 - a. Execution of the implementation agreements as described in the October 18, 2023 Term Sheet (attached) between the City of Highland Park, Great Lakes Water Authority, and the State of Michigan (“Term Sheet”) including the successful implementation of the all-receipts trust;
 - b. Appropriation by State of Michigan of “a \$5M grant for work to be conducted by GLWA on drinking water infrastructure” referenced in section 2.c. of the Term Sheet.”;
 - c. Release by the State of Michigan and transfer to GLWA of “the \$25M sewer infrastructure grant funds previously allocated in the FY 2023 budget to GLWA on or before December 31, 2023”;
 - d. Payment of “\$241,418.75 cash bond deposited by HP [Highland Park] with the U.S. District Court Clerk [which] shall be released to GLWA from E.D. Mich. Case No. 16-cv-13840”
3. Request that staff report to the Board of Directors when conditions precedent are met to seek approval to apply credits totaling \$20,026,500 as outlined in the above methodology and related Schedule of Member Partner Bad Debt Recovery Credits #2023-2 no sooner than the fourth quarter of FY24;
4. Provide contingent funding for credits to Member Partners subject to the conditions precedent in the FY 2024 First Quarter Budget Amendments of \$5,026,500 for the water system and \$15,000,000 for the sewer system;
5. Authorize staff to deposit the \$241,418.75 cash bond to the sewer system deposited by Highland Park with the U.S. District Court Clerk related to E.D. Mich. Case No. 16-cv-13840; and
6. 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 and related court orders, Member Partner communities are explicitly responsible for funding certain bad debt expense. Over an extended period, 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 and the State of Michigan has occurred as it relates to water, sewer, and industrial waste control service charges.

Recently, developments in a confidential mediation process between the City of Highland Park, the Great Lakes Water Authority (GLWA) and the State of Michigan resulted in the parties entering into the attached Term Sheet. The Term Sheet includes the following excerpted provisions which are most pertinent to the release of funds to GLWA to fund Member Partner bad debt expense recovery credits.

- Item #1 - “The Great Lakes Water Authority (GLWA), the City of Highland Park (HP), and the State of Michigan (SOM) shall enter into a settlement agreement by January 15, 2024 that incorporates the basic terms set forth below including mutually agreeable release language.”
- Item #2c – “The SOM shall: Release the \$25M sewer infrastructure grant funds previously allocated in the FY 2023 budget to GLWA on or before December 31, 2023 and appropriate a \$5M grant for work to be conducted by GLWA on drinking water infrastructure.”
- Item #4i – “HP will enter into contracts based on GLWA’s model contract by January 15, 2024 covering the period of January 1, 2014 to December 31, 2044 for water and sewer services. ...
 - i. The settlement agreement and contracts shall require all amounts paid for HP water, sewer (including industrial waste control) and stormwater services be placed into a trust in which the trustee pays GLWA and any remaining amounts to HP on the same date.”
- Item #9 – “Upon effectuation of the settlement agreement, its attachments and related documents, including initial funding consistent with this agreement and after receipt by the trustee of one month of HP’s water and sewer receipts and distribution of one month’s payment of funds to GLWA under Paragraph 4.i, all litigation between GLWA, Detroit Water and Sewerage Department (DWSD), HP, or SOM shall be dismissed ...”
- Item #10 – “The \$241,418.75 cash bond deposited by HP with the U.S. District Court Clerk shall be released to GLWA from E.D. Mich. Case No. 16-cv-13840.”

- Item #13 – “This term sheet is conditional and dependent upon (a) final approval of terms by the Governor, (b) appropriation of funds from the legislature to the extent necessary, and (c) approval by the governing bodies of GLWA, and any other necessary party on or before October 26, 2023. “

JUSTIFICATION

History of Bad Debt Expense & Member Partners Charges

The 2011 federal court *Order to Incorporate Rate Settlements into Wastewater Contracts and Dismiss All Prior Rate Settlements*, requires then Detroit Water & Sewerage Department and now GLWA to allocate the bad debt expense in its sewer charges. The 2011 Order also identifies the allocation of bad debt expense by customer class. Under the 2011 Order, bad debt expense recovery from “wholesale contract customers” must be recovered from that same customer class. The status of bad debt expense is discussed every year during charges rollout meetings and several years ago, the cost was shown as a line item of the charge calculation sheet. A similar approach has been applied to water charges. From a utility sector charge setting perspective, bad debt expense is an operating cost that should be accounted for in charges and it is therefore not uncommon. The larger issue for GLWA and its Member Partner communities is that it had likely not envisioned that an unpaid account would reach \$54 million. As we look to bring closure to the past with the recent Term Sheet of October 18, 2023, a more wholistic approach is warranted to balance the financial burden.

Highland Park Accounts Receivable as of June 30, 2023 and Member Partner Interests

For the water system, as of June 30, 2023, the Highland Park accounts receivable balance (all amounts rounded for discussion purposes), is \$12 million. Of that amount, all Member Partner communities, including suburban wholesale and DWSD, were charged \$5 million of bad debt expense and GLWA has absorbed \$7 million. Member Partner communities are interested to know if there is a way that they can be made fully or partially whole given the recently agreed upon Term Sheet. The entire amount contributed by Member Partners, in an exact amount is \$5,026,500 (which is \$5,152,500 previously charged less the one-time credit of \$126,000 based upon a specific payment made by Highland Park on June 9, 2023).

For the sewer system, as of June 30, 2023, the Highland Park accounts receivable balance (all amounts rounded for discussion purposes), is \$41 million. Of that amount, suburban wholesale Member Partner Communities were charged \$35 million of bad debt expense and GLWA has absorbed \$6 million. Member Partner communities are interested to know if there is a way that they can be made fully or partially whole given the recently agreed upon Term Sheet. The entire amount contributed by Member Partners, in an exact amount, is \$34,782,400 (which is \$35,656,400 previously charged

less the one-time credit of \$874,000 based upon a specific payment made by Highland Park on June 9, 2023).

What Options Does GLWA Have to Ease the Prior Bad Debt Expense Burden?

The nature of all public utility finances is that the entire cost of operations and capital improvements are borne by the customers. And those costs are largely fixed in nature. Public utilities use break-even budgeting; there is no “profit.” If the fixed cost system has a shortfall in year one, that shortfall directly or indirectly is reflected in future charges – largely because there are less funds carried forward for the capital improvement needs in subsequent years. Barring the availability of other resources, this results in higher charges requests in subsequent years.

Within the past month, there were two concurrent efforts underway which we would like to discuss as a wholistic view of the Member Partner credit requests from availability of other available resources.

Starting with the term sheet itself. First, there will be approximately \$250,000 for past legal fees which was agreed upon to be released to GLWA and would be recorded in an operating account. That is a straightforward decision to tag those funds for member partner credits. Second, there is also the potential \$5 million water infrastructure grant (pending legislative approval) and the \$25 million sewer infrastructure grant (pending release by the State and aligning project costs with federal requirements). These grants are great news for the system overall, but appropriately have spending restrictions and are to be used for capital improvements, not operating expenses, as well as carry a myriad of other restrictions. Also, since they are capital in nature, and will be paid on a reimbursement basis that may extend over a year, they cannot be tagged for Member Partner credits. Our challenge in leveraging how the economic benefit of these grants over a period of time and with restricted uses, can be used for providing charge relief. Understanding timing and cashflow are at the center of evaluating the request.

Turning to the other concurrent matter which is the analysis and preparation of the first quarter FY 2024 budget amendments. The downside is that we are continuing to see intense budget pressure as discussed in great detail at the GLWA Board Workshop on September 13, 2023. Attached is a synopsis of the budget status for the fiscal year that began on July 1, 2023. Note the following related to that attached table.

Water System – Negative FY 2024 Q1 proposed amendment of \$18 million due to \$4 million water revenue shortfall (wet weather in summer months), \$10 million in increased operating expenses (chemicals, utilities and the change in funding source from Improvement & Extension to Operations & Maintenance for the Workday implementation and other services that cannot be capitalized), and \$3 million net of other items with the most significant being increased debt service

due to new money transaction this fall to keep pace with the water system improvements underway.

We do have good news on forecasted investment earnings as our investment manager continues to optimize the portfolio with an \$8 million positive variance.

The net of the \$18 million negative variance and the \$8 million uptick in investment earnings meant that the FY 2024 Q1 budget amendment would be a decrease to the Improvement & Extension (I&E) Fund for future capital improvements by \$10 million. Instead, we propose to tag the \$5,000,000 of unrestricted positive investment earnings in FY 2024 along with \$26,500 in other operating funds to credit Member Partners based on the previously approved “Highland Park Bad Debt Recovery Credits Methodology.” While it means that we would further decrease the I&E contribution this year, the receipt of the grant would make up for it in the future. This is of course, dependent upon the actions of all parties to carry out the tasks outlined in the term sheet. It should be noted that the sum of \$5,026,500 would fully reimburse water system Member Partners.

Sewer System – Negative FY 2024 Q1 proposed amendment of \$15 million are due to a \$14 million increase in operating expenses (chemicals, utilities, repairs & maintenance contracts, and the change in funding source from Improvement & Extension to Operations & Maintenance for the Workday implementation and other services that cannot be capitalized), and \$1 million net of other items with the most significant being increased debt service due to new money transaction this fall to keep pace with the sewer system improvements underway.

We did have good news on investment earnings as our investment manager continues to optimize the portfolio with an \$9 million positive variance.

The net of the \$15 million negative variance and the \$9 million uptick in investment earnings meant that the FY 2024 Q1 budget amendment would be a decrease to the Improvement & Extension (I&E) Fund for future capital improvements by \$6 million. Instead, we propose to tag the \$9 million of the positive unrestricted investment earnings in FY 2024 to credit Member Partners based on the previously approved “Highland Park Bad Debt Recovery Credits Methodology”. In addition, given that the economic benefit of the grant of \$25 Million will accrue to the entire system, we have been asked if there is a way to recognize that 60% of the revenue comes from the suburban customer class – which was charged for bad debt expense. This results in a request of \$15 million (60% multiplied by \$25 million) for a credit to Member Partners. While it means that we would further decrease the I&E contribution by \$6 million this year, the receipt of the grant would make up for it in the future. Bottom line would be \$15 million tagged for suburban wholesale

Member Partner credits. This is also, of course, dependent upon the actions of all parties to carry out the tasks outlined in the term sheet.

Highland Park Bad Debt Recovery Credits Methodology

On June 28, 2023, the Board of Directors adopted a methodology for credit allocation among Member Partners ([File #2023-234](#)). 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. Attached is a schedule which identifies a percentage for each Member Partner community and their relative share based on the discussion above.

BUDGET IMPACT

The financial impact on the budget is outlined above. In summary, it is reduction to the I&E Fund contribution in FY 2024 with a corresponding increase in construction fund capital grant revenue that spans potentially FY 2024 and subsequent years, *pending completion of the conditions precedent*.

Water System FY 2024 – I&E contribution reduced by \$5,026,500 for Member Partner Credits with timing of future \$5 million capital grant for the construction fund at a future date.

Sewer System - I&E contribution reduced by \$15 million (representing 60% suburban wholesale class allocation) for Member Partner Credits with timing of future \$25 million capital grant for the construction fund at a future date.

In terms of timing, it is proposed that this proposal be reflected in the FY 2024 Q1 Budget Amendments. Timing of the credits applied is dependent upon a number of actions, including the establishment of an all receipts trust and 30 days to ensure that the overall agreements are working as intended. There are complexities to the Term Sheet, but it should be reasonably expected that credits could occur in late FY 2024 Q3 or early Q4.

COMMITTEE REVIEW

This matter was presented at the November 9, 2023 Audit Committee with a unanimous recommendation to move the items to the full Board of Directors for discussion at its meeting on November 16, 2023.

SHARED SERVICES IMPACT

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

Table 1 - Water System proposed budget amendments and tagging of funds for credits

Water System	FY 2024 Board Adopted Budget	Total 1st Quarter FY 2024 Amendments	FY 2024 Amended Budget	FY 2024 Activity Thru 8/31/2023
Revenues				
Suburban Wholesale Customer Charges	\$ 340,540,600	\$ (4,000,000)	\$ 336,540,600	\$ 61,756,600
Less: Bad Debt Expense	-	-	-	-
Less: Pending Bad Debt Recovery Credit	-	(5,026,500)	(5,026,500)	-
Retail Service Charges	25,537,200	-	25,537,200	4,256,200
Investment Earnings	4,061,700	8,000,000	12,061,700	2,352,800
Other Revenues	175,000	265,000	440,000	236,100
Total Revenues	\$ 370,314,500	\$ (761,500)	\$ 369,553,000	\$ 68,601,700
Revenue Requirements				
Operations & Maintenance Expense	\$ 152,906,400	\$ 10,194,100	\$ 163,100,500	\$ 25,161,400
General Retirement System Legacy Pension	-	-	-	-
Debt Service	159,482,800	3,872,800	163,355,600	26,932,500
General Retirement System Accelerated Pension	3,395,500	(1,890,000)	1,505,500	565,900
Extraordinary Repair & Replacement Deposit	-	-	-	-
Water Residential Assistance Program Contribution	1,851,600	-	1,851,600	308,600
Regional System Lease	22,500,000	-	22,500,000	3,750,000
DWSD Budget Shortfall Pending	-	-	-	-
Receiving Fund Working Capital Requirement	-	1,500,000	1,500,000	-
Improvement & Extension Fund Transfer Pending	30,178,200	(14,438,400)	15,739,800	5,029,700
Total Revenue Requirements	\$ 370,314,500	\$ (761,500)	\$ 369,553,000	\$ 61,748,100
Net Actual to Date	\$ -	\$ -	\$ -	\$ 6,853,600
<i>Regional System Debt Service Coverage Ratio</i>				
- With Credits	1.36	(0.10)	1.26	
- Without Credits	1.36	(0.07)	1.29	

Table 2 - Sewer System proposed budget amendments and tagging of funds for credits

Sewer System	FY 2024 Board Adopted Budget	Total 1st Quarter FY 2024 Amendments	FY 2024 Amended Budget	FY 2024 Activity Thru 8/31/2023
Revenues				
Suburban Wholesale Customer Charges	\$ 282,687,600	\$ -	\$ 282,687,600	\$ 47,142,400
Less: Bad Debt Expense	-	-	-	-
Less: Pending Bad Debt Recovery Credit	-	(15,000,000)	(15,000,000)	-
Retail Service Charges	196,569,600	-	196,569,600	32,761,600
Industrial Waste Control Charges	8,584,200	-	8,584,200	1,437,400
Pollutant Surcharges	5,328,300	-	5,328,300	554,800
Investment Earnings	7,057,300	9,000,000	16,057,300	3,236,300
Other Revenues	400,000	317,000	717,000	362,000
Total Revenues	\$ 500,627,000	\$ (5,683,000)	\$ 494,944,000	\$ 85,494,500
Revenue Requirements				
Operations & Maintenance Expense	\$ 205,643,700	\$ 14,484,700	\$ 220,128,400	\$ 34,669,500
General Retirement System Legacy Pension	-	-	-	-
Debt Service	228,328,300	3,836,900	232,165,200	38,705,900
General Retirement System Accelerated Pension	6,479,300	(3,382,500)	3,096,800	1,079,900
Extraordinary Repair & Replacement Deposit	-	-	-	-
Water Residential Assistance Program Contribution	2,503,100	-	2,503,100	417,200
Regional System Lease	27,500,000	-	27,500,000	4,583,300
DWSD Budget Shortfall Pending	-	-	-	-
Improvement & Extension Fund Transfer Pending	30,172,600	(20,622,100)	9,550,500	5,028,800
Total Revenue Requirements	\$ 500,627,000	\$ (5,683,000)	\$ 494,944,000	\$ 84,484,600
Net Actual to Date	\$ -	\$ -	\$ -	\$ 1,009,900
<i>Regional System Debt Service Coverage Ratio</i>				
- With Credits	1.29	(0.11)	1.18	
- Without Credits	1.29	(0.04)	1.25	



Judicial Resource Services PC

Facilitation - Mediation

28800 8 Mile Road, Suite 111
Farmington Hills, MI 48336

T: 248-888-9922
F: 248-888-9955

James J. Rashid
Circuit Judge, Retired

www.JRSADR.com
Dates@JRSADR.com

MEDIATION COMMUNICATION

Term Sheet– 10/18/2023

1. The Great Lakes Water Authority (GLWA), the City of Highland Park (HP), and the State of Michigan (SOM) shall enter into a settlement agreement by January 15, 2024 that incorporates the basic terms set forth below including mutually agreeable release language. The various documents referenced and necessary to effectuate this term sheet shall be attached, signed, and incorporated as a part of that agreement by that date. In addition, the Department of Environment, Great Lakes and Energy (EGLE) will either amend or replace its July 28, 2017 Administrative Consent Order (ACO) by January 15, 2024 to incorporate the terms set forth below that are specific to HP.
2. The SOM shall:
 - a. Pay for the reasonable and necessary cost to install water master meter(s) on water lines and sufficient temporary meters to estimate the sewage flow produced by HP. Metro Consulting (Metro) will be responsible for conducting the necessary work to install the meters. EGLE shall oversee that work pursuant to its regulatory authority. Metro will submit a proposal(s) to EGLE for this work, which will include the number and placement location of those meters in accordance with the provisions below. Metro will consult with GLWA in preparing the proposal(s). EGLE must approve in writing any proposal before installation of meters or implementation begins. In addition:
 - i. The water master meter(s) and temporary sewage metering devices will be installed subject to GLWA's specifications.
 - ii. The water master meter(s) shall be installed at all open points of connection between HP and GLWA.
 - iii. Upon transfer, GLWA will own, operate, and maintain the water master meter(s). HP shall be responsible for the cost of maintaining and operating the sewer meters.
 - iv. HP and GLWA shall agree to a third party and procedures to maintain and operate the sewer meters including the sharing of data produced by the meters. If the parties cannot agree to a third party or the procedures associated with operation, SOM shall identify the third party and prescribe the procedures.
 - v. HP shall have the same access to the Wholesale Automated Meter Reading (WAMR) system and Greater Detroit Regional Sewer System (GDRSS) data for the installed HP water and sewer meters as all other customer communities served by GLWA.



Judicial Resource Services PC

Facilitation - Mediation

James J. Rashid
Circuit Judge, Retired

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- vi. HP shall have the right to annually inspect the water master meter(s) and sewer meters upon request.
 - vii. Unless otherwise agreed by the parties, the water master meter(s) and sewage metering devices for HP shall be installed within one year of the execution of the settlement agreement and accompanying documents. HP shall provide full access to meter locations to complete the work timely.
- b. Pay for work necessary to complete water main and service line replacement efforts within the boundaries of HP. EGLE shall have responsibility for determining the necessary work, including conducting or supervising this work.
- c. Release the \$25M sewer infrastructure grant funds previously allocated in the FY 2023 budget to GLWA on or before December 31, 2023 and appropriate a \$5M grant for work to be conducted by GLWA on drinking water infrastructure.
3. HP shall continue to retain Metro to operate HP's water and sewer operations, which includes all billing, collections, maintenance, and improvements. If for any reason, Metro ceases to be HP's operator, then subject to SOM's approval, HP will retain another entity to conduct these operations. Subject to all terms and conditions of the settlement agreement and the contract between GLWA and HP, beginning January 1, 2024 and on a going forward basis, HP shall pay the full amount of GLWA's monthly charges pursuant to the terms of any contract between GLWA and HP.
4. HP will enter into contracts based on GLWA's model contract by January 15, 2024 covering the period of January 1, 2014 to December 31, 2044 for water and sewer services.
- i. The settlement agreement and contracts shall require all amounts paid for HP water, sewer (including industrial waste control) and stormwater services be placed into a trust in which the trustee pays GLWA and any remaining amounts to HP on the same date. Any grants or loans from SOM to HP for infrastructure projects shall not be part of or included in the trust.
 - ii. Except to enforce the conditions of this term sheet and the settlement agreement, to the extent that any future disputes arise between HP and GLWA over water and sewer services, which the parties are unable to resolve within 30-days' notice of that dispute, HP and GLWA agree to resolve such disputes through expedited mandatory arbitration pursuant to Michigan statute and court rule that shall be binding upon them. For a charge or billing dispute, the trustee must place in escrow the amount in dispute.



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- iii. Once the master water meter(s) is installed, HP shall be treated as part of the master metered customer class.
 - iv. For five years commencing on the date of this agreement, the model water contract will allow for Highland Park's max day and peak hour water volume demand to be updated annually as Highland Park continues to "dry up" its system by replacing water mains and lead service lines, or completing other infrastructure improvements that would impact Highland Park's water demand requirements.
5. HP and EGLE will either revise the current ACO or replace it with a new one to incorporate the terms set forth in this term sheet that are specific to HP. That ACO shall remain effective and in effect until January 1, 2044 after which it may be terminated if HP has met all of its terms.
6. Until metering data can be used to project water and sewer charges:
- a. For services provided until December 31, 2023, HP will continue to pay or the trustee will pay on HP's behalf 65% of any and all amounts received by HP in payment of bills for water and wastewater treatment services.
 - b. Effective January 1, 2024, subject to and conditioned upon execution by all parties of the settlement agreement by January 15, 2024, GLWA will reduce HP's water charges based on reductions in usage volume due to documented repairs of leaks up to 25 percent of its current water usage.
 - c. Effective January 1, 2024, subject to and conditioned upon execution by all parties of the settlement agreement by January 15, 2024, GLWA will also provide a settlement credit of \$60,000 per month to HP on its sewage charges until June 30, 2024 subject to the following:
 - i. HP may fully participate in GLWA's share and charge process for FY 2025.
 - ii. Beginning July 1, 2024, HP shall receive the lesser of (A) the current FY 2024 sewage charges and credit or (B) the new FY 2025 share and resulting charges.
 - iii. This settlement credit will terminate no later than June 30, 2025.
7. Once 12 months of quality metering data is available to project estimated annual water and sewer flows, GLWA charges to HP shall be based on that data and future data.
8. HP shall increase its water and sewer rates by adopting an interim amended budget no later than December 2023, for the period of January 1, 2024 to June 30, 2024. For all subsequent fiscal years, Metro shall annually retain an independent rate analyst, subject to the approval of the SOM, to calculate necessary adjustments in its water



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and sewer rates to ensure that the budget for HP's water and sewer operations is sufficient to ensure payment of all GLWA charges and all overhead, maintenance, and operational costs associated with its water and sewer operations. The analyst will recommend necessary rates changes to HP and HP shall annually adjust its water and sewer rates in accordance with the recommendations of the rate analyst.

9. Upon effectuation of the settlement agreement, its attachments and related documents, including initial funding consistent with this agreement and after receipt by the trustee of one month of HP's water and sewer receipts and distribution of one month's payment of funds to GLWA under Paragraph 4.i, all litigation between GLWA, Detroit Water and Sewerage Department (DWSD), HP, or SOM shall be dismissed with prejudice according to the following:
 - a. The judgment entered in Wayne County Circuit Court Case No. 2014-001974-CK shall be released or deemed satisfied, and HP shall dismiss its pending appeal from that action (COA Case No. 367193). The court shall retain jurisdiction to enforce the terms of the settlement agreement, which will be entered by the court as a consent judgment.
 - b. HP and GLWA shall submit a proposed stipulated order of dismissal of Wayne County Circuit Court Case No. 20-011589.
 - c. HP shall dismiss its appeal (COA Case No. 362416) from Wayne County Circuit Court Case No. 22-004754-CB and shall release and waive any further challenge to GLWA's rules that were the subject of that action.
 - d. GLWA and SOM shall submit a stipulated order of dismissal of Court of Claims Case No. 2021-000151.
 - e. HP and SOM will submit a proposed stipulated order of dismissal in Court of Claims Case No. 19-000129-MZ.
 - f. HP and GLWA shall submit a proposed stipulated order setting aside the Amended Consent Judgment dated June 18, 1996 in E.D. Mich. Case No. 92-CV7677-DT and 94-CV-73135-DT
10. The \$241,418.75 cash bond deposited by HP with the U.S. District Court Clerk shall be released to GLWA from E.D. Mich. Case No. 16-cv-13840.
11. Upon approval of this term sheet by HP, SOM, and GLWA, not later than October 23, 2023, GLWA and HP shall submit a signed copy of the term sheet to, and submit a request for, a stipulated Stay of the October 24, 2023, Status Conference and all further proceedings in Judge Joseph's Case No. 14-001974 and all appellate proceedings from that case, Case COA Docket No. 367193, until January 15, 2024.
12. Upon execution and approval of this term sheet by HP, SOM, and GLWA, not later than October 27, 2023, GLWA and HP shall submit:



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- a. a signed copy of the term sheet to, and submit a request for, a stipulated Stay of the November 2, 2023, Status conference and all further proceedings in Judge Berry's Case No 20-011589 until January 15, 2024.
 - b. a signed copy of the term sheet to, and submit a request for, a stipulated Stay of Petition for Rehearing in Banc in 6th circuit case no. 22-1288, until January 15, 2024.
 - c. Stipulate to a stay of all proceedings in HP's appeal (COA Case No. 362416) from Wayne County Circuit Court Case No. 22-004754-CB.
13. This term sheet is conditional and dependent upon (a) final approval of terms by the Governor, (b) appropriation of funds from the legislature to the extent necessary, and (c) approval by the governing bodies of GLWA, and any other necessary party on or before October 26, 2023.

City of Highland Park:

Shirley M. Dell
Mayor
10/19/2023

Dated:

Brenda Green
City Clerk
10/19/23

State of Michigan:

[Signature]
Dated: 10/19/23

Great Lakes Water Authority:

Suzanne R. Coffey
Chief Executive Officer
10/20/2023

Dated:

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

	(1)	(2)	(3)	(4)	(5)
	Cumulative Amount in Charges thru FY 2022 <i>(a)</i>	Relative Share of Highland Park Bad Debt <u>Debt</u>	Initial Recovery <u>Credit</u> <i>(b)</i>	Pending Subsequent Recovery <u>Credit</u> <i>(c)</i>	Total Recovery <u>Credit</u> <i>(3) + (4)</i>
<u>Water Charges</u>					
Macomb	\$1,127,700	21.9%	\$27,400	\$1,100,300	\$1,127,700
Oakland	1,471,900	28.6%	36,100	1,435,800	1,471,900
Wayne (<i>excl. Detroit</i>)	1,516,100	29.4%	36,900	1,479,200	1,516,100
Other	394,600	7.7%	9,700	384,900	394,600
Detroit	642,200	12.5%	15,900	626,300	642,200
Total	\$5,152,500	100.0%	\$126,000	\$5,026,500	\$5,152,500
<u>Sewer Charges</u>					
Macomb (<i>d</i>)	\$8,565,900	24.0%	\$209,900	\$3,603,500	\$3,813,500
Oakland (<i>e</i>)	14,419,900	40.4%	353,500	6,066,200	6,419,600
Wayne (<i>excl. Detroit</i>)	12,670,600	35.5%	310,600	5,330,300	5,640,900
Other	<i>NA</i>	<i>NA</i>	<i>NA</i>	<i>NA</i>	<i>NA</i>
Detroit	<i>NA</i>	<i>NA</i>	<i>NA</i>	<i>NA</i>	<i>NA</i>
Total	\$35,656,400	100.0%	\$874,000	\$15,000,000	\$15,874,000
<u>Combined Water and Sewer Charges</u>					
Macomb (<i>d</i>)	\$9,693,600	23.8%	\$237,300	\$4,703,800	\$4,941,200
Oakland (<i>e</i>)	15,891,800	38.9%	389,600	7,502,000	7,891,500
Wayne (<i>excl. Detroit</i>)	14,186,700	34.8%	347,500	6,809,500	7,157,000
Other	394,600	1.0%	9,700	384,900	394,600
Detroit	642,200	1.6%	15,900	626,300	642,200
Total	\$40,808,900	100.0%	\$1,000,000	\$20,026,500	\$21,026,500
Industrial Waste Control *			0	0	0
			\$1,000,000	\$20,026,500	\$21,026,500

* 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) Allocation of initial \$1 million combined Water / Sewer recovery payment credited in August 2023.

(c) Potential credit to be issued pending effectuation of conditions precedent.

(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 Pending Subsequent Recovery Credit to **Water** Member Partners

	(1)	(2)	(3)	(4)	(5)
	Cumulative Amount in Charges FY 2019 thru FY 2022	Relative Share of Highland Park Bad Debt	Initial Recovery Credit	Pending Subsequent Recovery Credit	Total Recovery Credit
	(a)		(b)	(c)	(3) + (4)
1 Allen Park	\$33,900	0.66%	\$800	\$33,100	\$33,900
2 Almont Village	3,300	0.06%	100	3,200	3,300
3 Ash Township	11,700	0.23%	300	11,400	11,700
4 Belleville	4,300	0.08%	100	4,200	4,300
5 Berlin Township	10,600	0.21%	300	10,300	10,600
6 Brownstown Township	52,500	1.02%	1,300	51,200	52,500
7 Bruce Township	3,900	0.08%	100	3,800	3,900
8 Burtchville Township	4,700	0.09%	100	4,600	4,700
9 Canton Township	147,400	2.86%	3,600	143,800	147,400
10 Center Line	6,500	0.13%	200	6,300	6,500
11 Chesterfield Township	59,900	1.16%	1,500	58,400	59,900
12 Clinton Township	112,000	2.17%	2,700	109,300	112,000
13 Commerce Township	52,300	1.02%	1,300	51,000	52,300
14 Dearborn	159,100	3.09%	3,900	155,200	159,100
15 Dearborn Heights	52,600	1.02%	1,300	51,300	52,600
16 Eastpointe	21,900	0.43%	500	21,400	21,900
17 Ecorse	21,500	0.42%	500	21,000	21,500
18 Farmington	14,700	0.29%	400	14,300	14,700
19 Farmington Hills	129,600	2.52%	3,200	126,400	129,600
20 Ferndale	14,300	0.28%	300	14,000	14,300
21 Flat Rock	19,500	0.38%	500	19,000	19,500
22 Flint *	162,600	3.16%	4,000	158,600	162,600
23 Fraser	17,500	0.34%	400	17,100	17,500
24 Garden City	24,400	0.47%	600	23,800	24,400
25 Gibraltar	5,400	0.10%	100	5,300	5,400
26 Greenwood Township (DTE)	7,700	0.15%	200	7,500	7,700
27 Grosse Ile Township	16,900	0.33%	400	16,500	16,900
28 Grosse Pt. Park	20,900	0.41%	500	20,400	20,900
29 Grosse Pt. Shores	9,400	0.18%	200	9,200	9,400
30 Grosse Pt. Woods	20,200	0.39%	500	19,700	20,200
31 Hamtramck	10,600	0.21%	300	10,300	10,600
32 Harper Woods	12,200	0.24%	300	11,900	12,200
33 Harrison Township	22,200	0.43%	500	21,700	22,200
34 Hazel Park	10,300	0.20%	300	10,000	10,300
35 Highland Park (d)	0	0.00%	0	0	0
36 Huron Township	21,300	0.41%	500	20,800	21,300
37 Imlay City	19,500	0.38%	500	19,000	19,500
38 Imlay Township (Single User)	100	0.00%	0	100	100

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Highland Park Bad Debt Synopsis

Table 1 - Allocation of Pending Subsequent Recovery Credit to **Water** Member Partners

	(1)	(2)	(3)	(4)	(5)
	Cumulative Amount in Charges FY 2019 thru <u>FY 2022</u>	Relative Share of Highland Park Bad <u>Debt</u>	Initial Recovery <u>Credit</u>	Pending Subsequent Recovery <u>Credit</u>	Total Recovery <u>Credit</u>
	(a)		(b)	(c)	(3) + (4)
39 Inkster	20,400	0.40%	500	19,900	20,400
40 Keego Harbor	4,300	0.08%	100	4,200	4,300
41 Lapeer	21,900	0.43%	500	21,400	21,900
42 Lenox Township	4,000	0.08%	100	3,900	4,000
43 Lincoln Park	32,000	0.62%	800	31,200	32,000
44 Livonia	177,500	3.44%	4,300	173,200	177,500
45 Macomb Township	177,700	3.45%	4,300	173,400	177,700
46 Madison Heights	28,200	0.55%	700	27,500	28,200
47 Mayfield Township (KAMAX)	500	0.01%	0	500	500
48 Melvindale	9,200	0.18%	200	9,000	9,200
49 New Haven, Village of	5,700	0.11%	100	5,600	5,700
50 NOCWA	326,400	6.33%	8,000	318,400	326,400
51 Northville	11,800	0.23%	300	11,500	11,800
52 Northville Township	81,900	1.59%	2,000	79,900	81,900
53 Novi	131,200	2.55%	3,200	128,000	131,200
54 Oak Park	19,800	0.38%	500	19,300	19,800
55 Oakland GWK Drain District	1,000	0.02%	0	1,000	1,000
56 Plymouth	15,400	0.30%	400	15,000	15,400
57 Plymouth Township	65,000	1.26%	1,600	63,400	65,000
58 Redford Township	45,700	0.89%	1,100	44,600	45,700
59 River Rouge	9,800	0.19%	200	9,600	9,800
60 Riverview	12,400	0.24%	300	12,100	12,400
61 Rockwood	4,100	0.08%	100	4,000	4,100
62 Romeo	3,600	0.07%	100	3,500	3,600
63 Romulus	58,600	1.14%	1,400	57,200	58,600
64 Roseville	37,900	0.74%	900	37,000	37,900
65 Royal Oak Township	3,000	0.06%	100	2,900	3,000
66 Shelby Township	204,300	3.97%	5,000	199,300	204,300
67 SOCWA	335,500	6.51%	8,200	327,300	335,500
68 South Rockwood	1,600	0.03%	0	1,600	1,600
69 Southgate	32,100	0.62%	800	31,300	32,100
70 St. Clair Shores	43,200	0.84%	1,100	42,100	43,200
71 Sterling Heights	218,300	4.24%	5,300	213,000	218,300
72 Sumpter Township	9,600	0.19%	200	9,400	9,600
73 Sylvan Lake	3,400	0.07%	100	3,300	3,400
74 Taylor	67,000	1.30%	1,600	65,400	67,000
75 Trenton	25,800	0.50%	600	25,200	25,800
76 Troy	197,700	3.84%	4,800	192,900	197,700



Highland Park Bad Debt Synopsis

Table 1 - Allocation of Pending Subsequent Recovery Credit to **Water** Member Partners

	(1)	(2)	(3)	(4)	(5)
	Cumulative Amount in Charges FY 2019 thru FY 2022 <i>(a)</i>	Relative Share of Highland Park Bad Debt <i>(b)</i>	Initial Recovery Credit <i>(b)</i>	Pending Subsequent Recovery Credit <i>(c)</i>	Total Recovery Credit <i>(3) + (4)</i>
77 Utica	8,100	0.16%	200	7,900	8,100
78 Van Buren Township	48,700	0.95%	1,200	47,500	48,700
79 Walled Lake	12,200	0.24%	300	11,900	12,200
80 Warren	148,200	2.88%	3,600	144,600	148,200
81 Washington Township	32,800	0.64%	800	32,000	32,800
82 Wayne	43,500	0.84%	1,100	42,400	43,500
83 West Bloomfield Township	151,800	2.95%	3,700	148,100	151,800
84 Westland	89,300	1.73%	2,200	87,100	89,300
85 Wixom	36,200	0.70%	900	35,300	36,200
86 Woodhaven	24,200	0.47%	600	23,600	24,200
87 Ypsilanti Comm Util Auth	150,400	2.92%	3,700	146,700	150,400
88 Total Suburban Wholesale	4,510,300	87.54%	110,100	4,400,200	4,510,300
89 Detroit	642,200	12.46%	15,900	626,300	642,200
90 TOTAL	\$5,152,500	100.00%	\$126,000	\$5,026,500	\$5,152,500
<u>Summary by County</u>					
Macomb	\$1,127,700	21.89%	\$27,400	\$1,100,300	\$1,127,700
Oakland	1,471,900	28.57%	36,100	1,435,800	1,471,900
Wayne (excl. Detroit)	1,516,100	29.42%	36,900	1,479,200	1,516,100
Other	394,600	7.66%	9,700	384,900	394,600
Detroit	642,200	12.46%	15,900	626,300	642,200
Total	\$5,152,500	100.00%	\$126,000	\$5,026,500	\$5,152,500

(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 credited in August 2023.

(c) Potential credit to be issued pending effectuation of conditions precedent.

(d) 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 Pending Subsequent Recovery Credit to **Sewer** Member Partners

	(1)	(2)	(3)	(4)	(5)
	Cumulative Amount in Charges FY 2008 thru FY 2022	Relative Share of Highland Park Bad Debt	Initial Recovery Credit	Pending Subsequent Recovery Credit	Total Recovery Credit
	(a)		(b)	(c)	(3) + (4)
1 OMID	\$8,281,000	23.22%	\$202,900	\$3,483,700	\$3,686,600
2 Rouge Valley	7,420,000	20.81%	181,900	3,121,500	\$3,303,400
3 Oakland GWK	6,495,000	18.22%	159,200	2,732,300	\$2,891,500
4 Evergreen Farmington	4,459,200	12.51%	109,300	1,875,900	\$1,985,200
5 SE Macomb San Dist	3,471,100	9.73%	85,100	1,460,200	\$1,545,300
6 Dearborn	2,769,000	7.77%	67,900	1,164,900	\$1,232,800
7 Grosse Pointe Farms	368,300	1.03%	9,000	154,900	\$163,900
8 Grosse Pointe Park	241,300	0.68%	5,900	101,500	\$107,400
9 Melvindale	192,600	0.54%	4,700	81,000	\$85,700
10 Farmington	153,300	0.43%	3,800	64,500	\$68,300
11 Center Line	126,200	0.35%	3,100	53,100	\$56,200
12 Allen Park	98,200	0.28%	2,400	41,300	\$43,700
13 Highland Park (d)	753,700	2.11%	18,500	317,100	\$335,600
14 Hamtramck	616,200	1.73%	15,100	259,200	\$274,300
15 Grosse Pointe	145,500	0.41%	3,600	61,200	\$64,800
16 Harper Woods	37,500	0.11%	900	15,800	\$16,700
17 Redford Township	24,300	0.07%	600	10,200	\$10,800
18 Wayne County #3	4,000	0.01%	100	1,700	\$1,800
19 Total	\$35,656,400	100.00%	\$874,000	\$15,000,000	\$15,874,000
<u>Summary by County</u>					
Macomb	\$8,565,900	24.02%	\$209,900	\$3,603,500	\$3,813,500
Oakland	14,419,900	40.44%	353,500	6,066,200	6,419,600
Wayne (excl. Detroit)	12,670,600	35.54%	310,600	5,330,300	5,640,900
Other	NA	NA	NA	NA	NA
Detroit	NA	NA	NA	NA	NA
Total	\$35,656,400	100.00%	\$874,000	\$15,000,000	\$15,874,000

(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 credited in August 2023.

(c) Potential credit to be issued pending effectuation of conditions precedent.

(d) 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.

Agenda Item No. 7

Easement Agreement

**OAKLAND COUNTY
WATER RESOURCES COMMISSIONER****MEMORANDUM**

TO: Michael Gregg, Chairperson of the Oakland-Macomb Interceptor Drain Drainage District Board

FROM: Sara Rubino, WRC Government Policy Attorney

SUBJECT: Easement Agreement with the City of Sterling Heights

DATE: July 17, 2024

This upcoming fall, the drainage district will commence construction on the Corrosion Control and Odor Mitigation System Project. This project is designed to reduce the rate of sewer degradation from corrosion; extend the life of the Oakland-Macomb Interceptor Drain; and mitigate sewer odors at select locations along the drain.

The scope of the project includes installation of a carbon vessel and associated infrastructure at two sites located in Macomb County. One of the project sites is in a residential area in the City of Sterling Heights on real property owned by the city. To proceed with the construction, operation, maintenance, repair, and replacement of certain odor control and corrosion facilities on the city's premises, the city has agreed to grant to the drainage district a permanent easement pursuant to the terms and conditions of the attached proposed Easement Agreement.

The Easement Agreement requires the drainage district to obtain site plan, landscape plan, engineering, and construction approval and/or permits from the city. Many of these permits have already been obtained and remaining permits and approvals will be obtained by the contractor. The project, which includes a replica house, must be constructed in accordance with the approved plans and specifications and will be maintained by the drainage district. In addition, the drainage district is subject to the regulatory provisions of the city's zoning ordinance, property maintenance code, and other applicable provisions in the Sterling Heights' city code. Standard insurance and liability provisions are also included.

Requested Action: Authorize the Board Chairperson to execute the Easement Agreement.

EASEMENT AGREEMENT

Project: Oakland-Macomb Interceptor Drain – Odor & Corrosion System

This Easement Agreement is made on this ____ day of _____, 2024 between the **CITY OF STERLING HEIGHTS**, a Michigan municipal corporation, (“**GRANTOR**”), whose address is 40555 Utica Road, Sterling Heights, MI 48313-4066 and the **OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT (“OMIDDD”)**, a Michigan statutory corporation, (“Drainage District” and sometimes referred to as “**GRANTEE**”), acting through the Drainage Board for the **OAKLAND MACOMB INTERCEPTOR DRAIN (“Drain”)** pursuant to Act No. 40 of the Public Acts of 1956 (“Drain Code”), as amended, whose address is the Office of the Oakland County Water Resources Commissioner (“WRC”), One Public Works Drive, Waterford, Michigan 48328-1907. GRANTOR and GRANTEE may in this Easement Agreement be referred to as a “Party” and both of them together as the “Parties”.

RECITALS:

- A. GRANTOR is the owner of certain premises described as follows:
Land in the City of Sterling Heights, County of Macomb, State of Michigan more particularly described as:

Lot 49 of "RIVIERA VILLA SUBDIVISION NO. 1" a subdivision of part of the N.W. 1/4, Section 23, T. 02 N., R. 12 E., City of Sterling Heights (formerly Sterling Township), Macomb County, Michigan, as recorded in Liber 53 of Plats, Page 24, Macomb County Records.

Sidwell No. 10-10-23-101-012

*Commonly Known As: 11621 Sorrento Blvd.
Sterling Heights, MI 48312*

and referred to in this Easement Agreement as the “Premises”.

- B. GRANTOR and GRANTEE are interested in the construction, operation, maintenance, repair, and replacement of certain odor control and corrosion facilities (“Facilities”) to address odor and corrosion issues that exist in the vicinity of the Premises in accordance with the terms and conditions set forth in this Easement Agreement, and attached **Exhibit A** and **Exhibit B**. In pursuit of their mutual interests, GRANTOR is granting to GRANTEE an easement pertaining to the Premises as described in this Easement Agreement for the construction, operation, maintenance, repair or replacement of the Facilities by GRANTEE upon certain terms and conditions set forth in this Easement Agreement.

NOW, THEREFORE, IT IS AGREED AS FOLLOWS:

1. **Grant of Permanent Easement.** For and in consideration of the sum of **ONE DOLLAR (\$1.00) and other valuable consideration** as set forth in this Easement Agreement, GRANTOR hereby grants to GRANTEE, its employees, contractors, and agents a perpetual easement described as follows:

All the above-described parcel

referred to in this Easement Agreement as the “Permanent Easement”.

2. **Purpose of the Easement.** The Permanent Easement granted in this Easement Agreement shall be used for the purpose of the construction, operation, maintenance, repair, or replacement of certain odor and corrosion system facilities constructed in accordance with the attached **Exhibit A** and **Exhibit B**, and plans and specifications (including landscape plans) approved by the Drain Board and as permitted by GRANTEE through GRANTOR’s permitting requirements

(collectively referred to as “Plans and Specifications”), all of which are incorporated by reference.

3. **General Conditions.**

a. GRANTEE has obtained and/or shall obtain site plan and landscape plan approval for the site of the Facilities from GRANTOR’s Office of Planning, engineering approval from GRANTOR’s Engineering Department, and shall secure any required construction permits (building, electrical, mechanical, plumbing, etc. required by law) for such work from GRANTOR’s Building Department, paying any applicable fees for such review, work, and inspections as established under GRANTOR’s Annual Appropriations Ordinance. The Facilities shall be constructed in accordance with the approved Plans and Specifications.

b. GRANTEE shall commence construction of the Facilities within a reasonable time period after approval of the site plan and landscape plans and issuance of required construction permits and shall diligently pursue completion of such construction and installation of associated landscaping.

c. GRANTEE may remove any and/or all trees and shrubbery within the Permanent Easement and shall install landscaping in accordance with the approved landscape plans as part of development of the Facilities on the Premises.

d. Upon completion of construction of the Facilities and installation of the required landscaping, GRANTEE shall maintain, repair, and replace the Facilities as required to keep them in good working order and shall maintain the Premises, including any landscaping on the approved Plans and Specifications, as required by GRANTOR’s Zoning Ordinance, Property Maintenance Code, and other provisions of GRANTOR’s City

Code. GRANTEE acknowledges that the Facilities and Premises, and right-of-way adjacent to the Premises, shall be considered subject to the regulatory provisions of Zoning Ordinance, Property Maintenance Code, and other provisions of GRANTOR's City Code.

e. GRANTOR agrees not to build or convey to others permission to build any permanent structures on the above-described permanent easement without the prior written consent of GRANTEE, which shall not be unreasonably withheld, delayed, or conditioned if such improvements do not interfere with GRANTEE's construction, operation, maintenance, repair or replacement of the Facilities or the Drain. Permanent structures include but are not limited to, fixtures, structures with footings, culverts, dams, bridges and structures of a similar nature.

f. GRANTOR retains, reserves, and shall continue to enjoy the use of the Permanent Easement for any and all purposes which do not interfere with, obstruct the use of, or prevent the use by GRANTEE. Any unauthorized use or obstruction may be removed by GRANTEE. GRANTOR shall hold GRANTEE, its officers, employees, contractors, agents, and successors and assigns harmless from and against any all losses, liabilities, claims, damages, payments, actions recoveries, settlements, judgments, orders, costs, expenses, penalties, and fines arising out of injuries or damages to persons or property or both to the extent caused due to grossly negligent acts or omissions caused by GRANTOR, its officers, employees, contractors, agents, affiliates, successors and assigns during the term of this Easement Agreement.

g. The easement, rights, and privileges granted in this Easement Agreement are nonexclusive, and GRANTOR reserves and retains the right to convey similar easements and rights to such other persons as GRANTOR may deem proper provided such similar easements do not affect

GRANTEE'S Permanent Easement. GRANTOR shall hold GRANTEE, its officers, employees, contractors, agents, and successors and assigns harmless from and against any all losses, liabilities, claims, damages, payments, actions recoveries, settlements, judgments, orders, costs, expenses, penalties, and fines and attorney fees arising out of injuries or damages to persons or property or both to the extent caused by the use of the Easement by any persons GRANTOR conveys similar easement rights to, including such persons' officers, employees, contractors, agents, affiliates, successors and assigns or any other party during the term of this Easement Agreement.

h. This Easement Agreement shall be binding upon and inure to the benefit of the Parties, their heirs, representatives, successors, and assigns.

i. A map of the above-described Permanent Easement is attached to this Easement Agreement as **Exhibit B** and made a part thereof.

j. GRANTEE shall maintain current insurance policy amounts and coverages to cover its work and activities on the Easement and the Premises. GRANTOR, if not already, shall be named as an additional insured party on such coverage. At the request of GRANTOR, GRANTEE shall provide certificates of insurance documenting such coverage. GRANTEE shall require all of its contractors to maintain the same insurance as provided in any permits issued by GRANTOR for the term of the construction contract.

k. To the extent permitted by law, GRANTEE shall hold GRANTOR, its officers, employees, contractors, agents, successors and assigns harmless from and against any and all losses, liabilities, claims, damages, payments, actions recoveries, settlements, judgments, orders, costs, expenses, and penalties, arising out of injuries or damages to persons

or property or both due to grossly negligent acts or omissions caused by GRANTEE, its officers, employees, contractors, agents, affiliates, successors and assigns related to the construction, operation, maintenance, repair, or replacement of Facilities and occurring on the Premises during the term of this Easement Agreement.

l. This Easement Agreement is made and entered into in the State of Michigan and shall in all respects be interpreted, enforced and governed under the laws of the State of Michigan. The language of all parts of this Easement Agreement is intended to and, in all cases, shall be construed as a whole according to its fair meaning, and not construed strictly for or against any party.

m. It is further understood and agreed between the Parties that the terms and conditions set forth in this Easement Agreement are contractual and are not a mere recital.

n. If any provision of this Easement Agreement or its application to any person or circumstance shall to any extent be invalid or unenforceable, the remainder of this Easement Agreement shall not be affected and shall remain valid and enforceable to the fullest extent permitted by law.

o. It is understood and agreed between the Parties that a failure by either Party to fulfill a condition or term set forth in this Easement Agreement shall not result in the extinguishment of the easement rights granted in this Easement Agreement or constitute a waiver of such term or condition.

p. This Easement Agreement does not and is not intended to impair, divest, delegate, or contravene any constitutional, statutory, and/or other legal right, privilege, power, obligation, duty, or immunity of the parties.

q. This Easement Agreement, with attached **Exhibit A** and **Exhibit B**, contains the entire agreement between the Parties relating to the rights granted in this Easement Agreement and the obligations agreed to in it. Any oral representations or modifications concerning this instrument shall be of no force and effect. Any modification of this Easement Agreement must be in writing and must be signed by the party to be charged.

r. GRANTOR and GRANTEE have affixed their signatures on the dates set forth below.

GRANTOR:

CITY OF STERLING HEIGHTS,
a Michigan municipal corporation

By: _____
Michael C. Taylor

Its: Mayor

And

By: _____
Melanie D. Ryska

Its: City Clerk

[Acknowledgment of GRANTOR's officials follow on next page]

ACKNOWLEDGEMENT

STATE OF MICHIGAN)
)SS:
COUNTY OF MACOMB)

On this _____ day of _____, **A.D. 2024**, before me, a Notary Public in and for said County, appeared **Michael C. Taylor** and **Melanie D. Ryska**, to me personally known, who being by me duly sworn did say that they are the **Mayor** and **City Clerk** respectively of the **City of Sterling Heights**, a Michigan municipal corporation, a corporation created and existing under the laws of the State of Michigan, and that this instrument was signed and sealed on behalf of said municipal corporation by authority of its City Council, and the Mayor and City Clerk acknowledged this instrument to be the free act and deed of the municipal corporation.

_____, Notary Public
_____, County, _____
My Commission Expires: _____
Acting in the County of _____

[Signature and acknowledgment of GRANTEE's officials follow on next page]

GRANTEE:
OAKLAND – MACOMB
INTERCEPTOR DRAIN DRAINAGE
DISTRICT, a Michigan statutory
corporation
By: **DRAINAGE BOARD FOR**
THE OAKLAND – MACOMB
INTERCEPTOR DRAIN

By: _____
Michael R. Gregg, Chairperson,
Oakland-Macomb Interceptor Drain
Drainage Board

ACKNOWLEDGEMENT

STATE OF MICHIGAN)
)SS:
COUNTY OF OAKLAND)

On this _____ day of _____, **A.D. 2024**, before me, a
Notary Public in and for said County, appeared _____, to me
personally known, who being by me duly sworn did say that he/she is the
_____ of the **Oakland – Macomb Interceptor Drain**,
authorized agent of the **Oakland – Macomb Interceptor Drainage District**, a
Michigan stator corporation created and existing under the laws of the State of
Michigan, and that this instrument was signed and sealed on behalf of said
statutory corporation by authority of its Board, and he/she acknowledged this
instrument to be the free act and deed of the Drain Board on behalf of the Oakland
– Macomb Interceptor Drainage District.

_____, Notary Public
_____, County, _____
My Commission Expires: _____
Acting in the County of _____

This instrument drafted by:

Jeffrey S. Parrott, Supervisor Right of Way

Office of the Oakland County Water Resources Commissioner's Office

One Public Works Drive

Bldg. 95 West

Waterford, Michigan 48328-1907

EXHIBIT A
(Depiction and Description of the Facilities)

EXHIBIT B
(Map of Easement)

Agenda Item No. 8

Engineering Work Order



Oakland-Macomb Interceptor Drain Drainage District

TO: Michael Gregg, Chairperson
Oakland-Macomb Interceptor Drain Drainage Board

FROM: Jen Cook, P.E. Oakland County Water Resources Commissioner's Office
Stephen Downing, Macomb County Public Works Commissioner's Office

SUBJECT: Approval of Engineering Work Order #3 and Project Budget Increase for Jacobs Additional Design Services on the OMID Odor and Corrosion Control System Design Project

DATE: July 17, 2024

On February 16, 2022, OMID approved a contract with Jacobs Consulting, Inc. to perform investigation and design services related to the OMID Odor and Corrosion Control Project. The design has been completed and was advertised for public bid on April 17, 2024. Bids were received on May 16, 2024, and this Board subsequently approved the intent to award the construction contract to Commercial Contracting Corporation on June 12, 2024.

The Engineering Work Order presented for the Board's consideration includes a scope of work and fee proposal for Jacobs' services during construction for the subject project. Jacobs will provide construction administration and part-time resident engineering services during construction. Jacobs will also provide support post-construction including facility start-up technical support. OMIDDD will provide a full-time resident project representative during construction. Jacobs' additional services and associated fees are summarized as follows:

Task 10: Construction Administration	\$ 850,922
Task 11: Resident Engineer and Geotech Field Engineer	\$ 180,398
Task 12: Post-Construction Service	\$ 144,988
Permitting Reimbursement	\$ 11,943
Total	\$1,188,251

The attached Engineering Work Order has been prepared for the above scope of services and corresponding costs. This increases the total allowed project amount under this contract to \$2,242,303.86.

Requested Action: Approve the attached Jacobs Engineering Work Order to compensate for additional tasks related to the OMID Odor and Corrosion Control System Project.


**Jim Nash Oakland County Water Resources Commissioner
Oakland-Macomb Interceptor Drain Drainage District
For the OMID Odor and Corrosion Control System Design Project
Sterling Heights
Macomb County, Michigan**

Engineering Work Order No. 3**Date: 7/5/2024****To:** Jacobs Consultants Inc. Contract No. 9788**For:** Construction Administration and Construction Engineering Services**DESCRIPTION**

This Engineering Work Order (EWO) is required to define specific additional tasks and compensation related to the OMID Odor and Corrosion Control System Design Project that falls under sections of Contract No. 9788. This EWO serves as your approval for compensation of the following additional services as delineated in your attached July 3, 2024 proposal. In summary, additional work included the following tasks and associated fees:

Task 10: Construction Administration	\$850,922
Task 11: Resident Engineer and Geotech Field Engineer	\$180,398
Task 12: Post-Construction Services	\$144,988
Permitting Reimbursement	\$ 11,943
Total	\$1,188,251

Fees for this Engineering Work Order shall be billed on a time and material basis according to the contract standard fee and rate schedule as modified by your proposal. The total amount of the Engineering Services Agreement is to be increased by a not to exceed amount of \$1,188,251. This increases the total allowed project amount under this contract to \$2,242,303.86. This amount is not to be exceeded without written authorization from this office.

RECOMMENDED	DATE: 12/7/2023	ACCEPTED	DATE:
By: 		By:	
Jen Cook, P.E. Civil Engineer III OCWRC		Shawn Thompson Vice President Jacobs Consulting, Inc.	
APPROVED	DATE:	APPROVED	DATE:
By:		By:	
Stephen Downing Construction and Maintenance Manager MCPWO		Joel Brown, P.E. Chief Engineer OCWRC	
Approved by the Drainage District Board on:			

Cost Center:	6010101	Account No.:	730639
Fund No:	FND82912	Program No.:	PRG149667
Project No:	PRJ 1-7059	Project Activity:	ENG CONSULT
Contract No:	9788	Contract Exp:	2/15/2025

Agenda Item No. 9

Change Orders

CHANGE ORDER NO. FORTY-THREE

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.) Furnish and install Fire Extinguishers and related equipment at the NESPS; 2.) Provide Overhead Crane Access Ladder Fall Protection.

Address:

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


Change Order No. 43 Date: July 01,2024

	Location-Description-Reason	Unit	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
	<u>LOCATION</u> <i>All the Work items noted herein are located at the Northeast Sewage Pumping Station (NESPS) in Detroit, Wayne County, Michigan.</i>					
43-1	<u>DESCRIPTION (Extra/ Add):</u> Furnish and install fire extinguishers in the NESPS, including cabinetry, brackets and signage, for designated locations in the NESPS and the new Electrical Building <u>REASON:</u> A design study performed by METCO, Inc. of existing fire fighting equipment in the NESPS in conjunction with a review of the recommendations published by the National Fire Protection Association (NFPA) indicated that additional supplemental equipment is required. Also recommended is the installation of the appropriate protective cabinetry and location signage to ensure full compliance with the NFPA recommendations. Attachment: Walsh Construction Co. PCI 970236	LS	1 ea.	\$10,095.53	\$10,095.53	-0-
						-0-

	Location-Description-Reason	Unit	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
43- 2	<p><u>DESCRIPTION (Extra/ Add):</u></p> <p>Furnish and Install access ladder fall protection equipment for 25 Ton Overhead crane in NESPS Motor Room Floor.</p> <p><u>REASON:</u></p> <p>The 25 Ton Overhead crane in the NESPS Motor Room area is accessed for maintenance and repair tasks using an existing stationary, wall mounted service ladder that was installed as original construction in the facility. The ladder is used for access to the existing crane bridge and will also be utilized to service the proposed replacement crane.</p> <p>The ladder was constructed before the current MiOSHA Standards were developed, and a means for providing fall protection for individuals accessing the elevated crane bridge was not provided. This retrofit installation will provide a means for multiple individuals wearing proper fall protection equipment to access the crane bridge while adhering to MiOSHA approved fall protection provisions. This task will also include final installation inspection and a Certification of MiOSHA Compliance.</p> <p>Attachment: Walsh Construction Co. PCI 970238</p> <p>*****</p> <p>END OF LINE ITEMS FOR CHANGE ORDER NO. 43</p>	LS	1 ea.	\$ 12,079.82	\$ 12,079.82	-0-
					Amount Increase	Amount Decrease
Change Order # 43 Totals					\$22,175.35	-0-
Net Changes (Increase)					\$22,175.35	-----

Prepared By:
Lawrence T. Gilbert, P.E.
NTH Consultants, Ltd.

Date: July 10, 2024

Recommended By:

John Michalski, P.E.
Engineer of Design, Applied Science, Inc.

Date: 7/10/2024

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

Date: _____

Approved By: Stephen Downing
Stephen Downing
Construction and Maintenance Manager, Macomb County Public Works

Date: 7/12/2024

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

Date: _____

Except as included in this Change Order, the *Agreement* remains unchanged. Agreement on this Change Order shall constitute a final settlement of all matters relating to the change in the Work that is the subject of this Change Order, including, but not limited to, all direct and indirect costs associated with such change, and all effects of such change on unchanged Work and any and all adjustments to the Contract Sum and the Contract Time. By signing this Change Order, Construction Manager attests that the change in the amount of the Contract Sum authorized by the Change Order represents compensation in full for all costs, markup, and expenses, direct and indirect, associated with or attributable to the Change Order including any costs resulting from or caused by delays, impacts, acceleration, disruption, or loss of efficiency encountered by Construction Manager in the performance of the Work related to the Change Order, except as expressly identified and specifically reserved in the Change Order.

In addition, Construction Manager for itself, its Subcontractors and any other persons or entities acting by, through, or under them (collectively, "Releasors"), releases Owner, from any and all actual or potential claims or demands for delays, disruptions, additional work, additional compensation or an extension of the Contract Time, which Releasors may have, or in the future might have, against Owner, by reason of, based, on or in any manner connected with the subject of this Change Order or the performance of the Work identified in this Change Order, except as expressly identified and specifically reserved in the Change Order. This Change Order supersedes any referenced Work Directive.

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

Accepted by: Dave Pauline Date 2024 0710
Title Sr. PROJECT MANAGER

of: Walsh Construction Co. II, Inc.

This Change Order No. 43 was approved by the Drainage Board on: _____ Date: _____

Attachment No. 1 to Change Order No. Forty-Three

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. Forty-Three (July 01, 2024)
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 # 42, and including CS-9 C.O. # 1,2,3,4 (Corrected Value from C.O. # 42)	\$ 7,626,720.47
This Change Order # 43	\$ 22,175.35
Adjusted GMP Contract Value, Pump & Electrical Upgrades and CS-9 Projects (Including this C.O. # 43)	\$ 50,582,277.70

CHANGE ORDER NO. SIX

Oakland Macomb Interceptor Drain, Drainage District (OMID DD)

For Construction of: The North Interceptor, East Arm (NIEA) OMID Contract One, PCI-4 Rehabilitation

Located in the City of Detroit, Wayne County, Michigan

CONTRACTOR :

Marra Services, Inc.

Authorization for: 1.) Adjust SOV Item 19 (Structural Grouting); 2.) Adjust SOV Item 20 (Chemical Grouting); 3.) Adjust SOV Item 21-1 (Cementitious Grouting); 4.) Adjust SOV Item 21-2 (Cementitious Grouting- Packer Installation); 5.) Adjust SOV Item 22 (Localized Crack/ Fracture Repair- Epoxy Injection); 6.) Adjust SOV Item 2 (Permit Fee Allowance); 7.) Adjust SOV Item 5 (Allowance for Utility Relocation); 8.) Adjust SOV Line Item 6 (Removal and Disposal of Existing Sludge); 9.) Furnish and install additional scour "Armor" protection at the Gatehouse entrance to the PCI-4 Interceptor; 10.) Perform updated surface cleaning and re-coating of exposed concrete beams in the NESPS Gatehouse riser chamber; 11.) Balance final as-built quantity of Channeline liner; 12.) Balance final quantity of Quakewrap liner; 13.) Balance final quantity of Rockhard SCP Liner; 14.) Adjust accounting for liner installation substitution.

Address:

Marra Services, Inc.

700 E. 73rd. Street

Cleveland, OH 44103

Change Order No. Six Date: July 01, 2024

	Location-Description-Reason	Unit	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
	<u>LOCATION</u> <i>All Work on this Change Order was completed within the City of Detroit, Wayne County, Michigan</i>					
6-01	<u>DESCRIPTION (Change/ Delete):</u> Balance SOV Item 19 (Structural Grouting- Host Pipe Repairs) for final balancing payment.	LS	100%	\$25,000.00	-0-	(\$25,000.00)

	Location-Description-Reason	Unit	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
6-01	<u>REASON:</u> This item was not required on the project due to better than anticipated conditions encountered in the existing PCI-4 host pipe, and 100% of the SOV value is credited back to the project.					
6-02	<u>DESCRIPTION (Change/ Delete):</u> Adjust SOV Item 20 (Chemical Grouting for leak Repairs) for final balancing payment. <u>REASON:</u> This item was not fully required (20.5% used) on the project due to better than anticipated conditions in the existing PCI-4 Host Pipe, and therefore, 79.5 % of the SOV line item is credited back to the project.	LS	79.5%	\$100,000.00	-0-	(\$79,500.00)
6-03	<u>DESCRIPTION (Change/ Delete):</u> Adjust SOV Line Item 21-1 (Cementitious Grouting) for final balancing payment. <u>REASON:</u> This item was not required on the project due to better than anticipated conditions in the existing PCI-4 Host Pipe, and 100 % of the SOV line item is credited back to the project.	LS	100%	\$75,000.00	-0-	(\$75,000.00)
6-04	<u>DESCRIPTION (Change/ Delete):</u> Adjust SOV Line Item 21-2 (Cementitious Grouting- Packer Installation) for final balancing payment.	LS	100%	\$12,000.00	-0-	(\$12,000.00)

	Location-Description-Reason	Unit	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
6-04	<u>REASON:</u> This item was not required on the project due to better than anticipated conditions in the existing PCI-4 Interceptor, and 100% of the SOV line item is credited back to the project.					
6-05	<u>DESCRIPTION (Change/ Delete):</u> Adjust SOV Line Item 22 (Localized Crack/ Fracture Repair- Epoxy Injection) for final balancing payment. <u>REASON:</u> This item was not required on the project due to better than anticipated conditions in the existing PCI-4 Interceptor, and 100% of the SOV Line Item is credited back to the project.	LS	100%	\$25,000.00	-0-	(\$25,000.00)
6-06	<u>DESCRIPTION (Change/ Delete):</u> Adjust SOV line Item 2 (Permit Fee Allowance) for final balancing payment. <u>REASON:</u> The allowance provided in SOV Line Item 2 was not fully required during the performance of the project: SOV Allowance Value: \$30,000.00 Total Permit Fees - 15,587.41 Credit return balance (\$14,412.59)	LS	52%	\$30,000.00	-0-	(\$14,412.59)
6-07	<u>DESCRIPTION (Change/ Delete):</u> Adjust SOV Line Item 5 (Allowance for Utility Relocation) for final balancing payment.	LS	98%	\$20,000.00	-0-	(\$19,678.00)

	Location-Description-Reason	Unit	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
6-07	<p><u>REASON:</u></p> <p>The Allowance provided in SOV Line Item 5 was not fully required during the performance of the project.</p> <p>SOV Allowance Value: \$20,000.00 Total Value required: - 322.00 Credit return balance (\$19,678.00)</p>					
6-08	<p><u>DESCRIPTION (Change/ Delete):</u></p> <p>Adjust SOV Line Item 6 (Removal and disposal of existing sludge) for final balancing payment.</p> <p><u>REASON:</u></p> <p>The Allowance provided for in SOV Line Item 6 was not fully required during the performance of the project.</p> <p>SOV Allowance Value: \$50,000.00 Total Value Required -42,000.00 Credit Return Balance: (\$8,000.00)</p>	LS	16%	\$50,000.00	-0-	(\$8,000.00)
6-09	<p><u>DESCRIPTION (Extra/ Add):</u></p> <p>Furnish and install additional "scour protection" at the exposed "beginning" of the PCI-4 Channeline liner at the Gatehouse entrance to the PCI-4 Interceptor portal.</p> <p><u>REASON:</u></p> <p>The exposed beginning transition of the PCI-4 Channeline interceptor at the NESPS Gatehouse experiences extreme abrasion and scour conditions resulting from the discharge of the NESPS. Previous details installed to address this condition experienced deterioration over a relatively short operating period due to the aggressive flow conditions.</p> <p>An improved liner "protective armor" detail was installed to address this condition for long term liner performance, that includes a fiberglass layup on the exposed liner transition annular "face". In addition, stainless steel bands were installed to secure the fiberglass surfaces.</p>	LS	1 ea.	\$33,295.59	\$33,295.59	-0-

	Location-Description-Reason	Unit	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
6-09	Attachment: Contractor Documentation					
6-10	<p><u>DESCRIPTION (Extra/ Add):</u></p> <p>Prepare exposed concrete surfaces and apply cementitious coating to deteriorated surface conditions on concrete riser support beams at Gatehouse chamber discharge level.</p> <p><u>REASON:</u></p> <p>Recent construction activity in the NESPS Gatehouse (Discharge Chamber) has revealed a seriously deteriorated surface condition on the concrete riser support beams at the lowest level of the chamber. The exposed surfaces of the concrete beams have degraded to the extent where reinforcing steel is visible. This condition is believed to be the result of the continually high concentrations of corrosive H2S in the chamber that is created by the turbulent pump discharge flow conditions.</p> <p>Upon inspection of the completed work, the Contractor was further required to return to the site and perform additional cleaning and coating in previously untreated areas, and also re-visit areas of the initial flow that was damaged by subsequent flow conditions.</p> <p>This extended effort will remove the deteriorated surface material using high pressure water blasting followed by applications of the multiple - coat system of Madewell/ Mainstay products. This product has demonstrated typically strong performance in other areas of the chamber, and accordingly was selected for this installation.</p> <p>The summarized cost of this combined effort is as follows:</p> <p>Initial Cleaning & Coating: \$ 41,551.35 Additional Clean & Coat : 23,361.57 <u>Total Effort:</u> \$ 64,912.92</p> <p>Attachment: Contractor Documentation</p>	LS	1 ea.	\$64,912.92	\$64,912.92	-0-

	Location-Description-Reason	Unit	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
6-11	<u>DESCRIPTION (Change/ Add):</u> Adjust final as-built quantity of "Channeline" Segmental liner per field measured data: Plan Quantity: 1,330 lf. (Incl. C.O.# 1) As-Built Quantity: 1,334.5 lf Additional Quantity= 4.5 lf Bid Unit Price: \$5,895.00/ lf Adjustment = 4.5 lf X \$5,895.00= \$ 26,527.5 <u>REASON:</u> This Adjustment balances the actual quantity of Channeline segmental liner installed.	LF	4.5	\$ 5,895.00	\$26,527.50	-0-
6-12	<u>DESCRIPTION (Change/ Add):</u> Adjust final as-built quantity of "Quakewrap" carbon fiber liner installed per field measured data. Plan Quantity: 180 lf. As-built quantity: 182.33 lf Additional quantity: 2.33 lf Bid Unit Price: \$8,722.00 lf Adjustment: 2.33 lf x \$8,722/lf = \$20,322.26 <u>REASON:</u> This Adjustment balances the actual quantity of Quakewrap segmental liner installed.	LF	2.33	\$8,722.00	\$20,322.26	-0-
6-13	<u>DESCRIPTION (Change/ Add):</u> Adjust the as-built quantity of Rockhard SCP liner installed per field measured data. Plan Quantity: 180 lf As-built quantity: 187.67 lf Additional quantity: 7.67 lf	LF	7.67	\$8,722.00	\$60,708.05	-0-

	Location-Description-Reason	Unit	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
6-13	<p>Bid Unit Price: \$7.915.00/ lf</p> <p>Adjustment: 7.67lf x \$ 7,915/lf = \$60,708.05</p> <p><u>REASON:</u></p> <p>This Adjustment balances the actual quantity of Rockhard SCP segmental liner installed.</p>					
6-14	<p><u>DESCRIPTION (Change/ Decrease):</u></p> <p>Adjust accounting for use of Rockhard SCP liner as substitution for Channeline liner. One length (7.22 lf) of Channeline liner was damaged during installation and was replaced by the equivalent lay length of Rockhard SCP liner (6.00lf).</p> <p>Delete: 7.22lf Rockhard SCP @ \$7,915/lf = \$57,146.30</p> <p>Add: 7.22lf Channeline liner @ \$5,895/lf = \$42,561.90</p> <p>Net Deduct = \$57,146.30 -\$42,561.90 = (\$15,584.40)</p> <p><u>REASON:</u></p> <p>Replacement of the damaged Channeline segment was impractical due to the off-shore source of manufacture (Dubai, UAE). The Rockhard SCP product was provided as a "substitution" with the difference in unit prices indicated above.</p> <p><i>(Note: The actual as-built quantities of Channeline liner and Rockhard SCP liner are noted in Items 6-15 and 6-17, above.)</i></p> <p>*****</p> <p>End of NIEA OMID C-1 Change Order 6 Line items</p>	LS	1 ea.	\$ 15,584.40	-0-	(\$15,584.40)

[illegible]

Prepared By:
Lawrence T. Gilbert, P.E.
NTH Consultants, Ltd.

Date: 7-11-2024

Recommended By:
Saju Sachidanandan, P.E.
NTH Consultants, Ltd.

Date: 7/12/2024

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

Date:

Approved By:
Stephen Downing
Construction and Maintenance Manager, Macomb County Public Works

Date: 7/12/2024

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

Date:

Except as included in this Change Order, the Agreement remains unchanged. Agreement on this Change Order shall constitute a final settlement of all matters relating to the change in the Work that is the subject of this Change Order, including, but not limited to, all direct and indirect costs associated with such change, and unchanged work, and any and all adjustments to the Contract Sum and the Contract Time. By signing this Change Order, Contractor attests that the change in the amount of the Contract Sum authorized by the Change Order represents compensation in full for all costs, markup, and expenses, direct and indirect, associated with or attributable to the Change Order, including any costs resulting from or caused by delays, impacts, acceleration, disruption or loss of efficiency encountered by Construction Manager in the performance of the Work through the date of the Change Order. In addition, Contractor for itself, its Subcontractors and any other persons or entities acting by, through or under them (collectively, "Releasors"), releases Owner, without any reservations, from any and all actual or potential claims or demands, disruptions, additional work, additional compensation or an extension of Contract Time, which Releasors may have, or in the future might have, against Owner, by reason of, based on, or in any manner connected with the subject of this Change Order or the performance of the Work identified in this Change Order.

The Contractor agrees to do the work and/or accepts quantity adjustments described above and agrees to accept the Contract Sum and Contract Time adjustments in full on the basis indicated.

Accepted by:

 PROJECT MANAGER
Title
of: Marra Services, Inc.

Date: 7/10/2024

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. Six was approved by the Drainage Board on: Date:

Attachment No. 1 to Change Order No. Six

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. Six (07-01-2024)

NIEA OMID Contract # 1; PCI-4 Rehabilitation

Contractor: Marra Services, Inc.

Project Award Date (Pre-Construction Services)	January 21, 2021
Notice to Proceed Date (Construction Phase)	February 16, 2021
Contract Substantial Completion Date (Adjust by C.O.5)	April 12, 2023
Contract Final Completion Date	Pending
Original Contract Value	\$ 14,732,510.00
C.O. Values, Numbers 1 through 5	\$ 1,287,656.61
This Change Order #6	(\$ - 52,824.27)
<i>Adjusted Contract Value, Including this C.O. #6</i>	<i>\$ 15,967,342.34</i>

Agenda Item No. 10

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. Forty- Five

Period :June 01 through June 30, 2024

Page One of Two

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: None	\$0.00
Previous C.O.s: (Numbers 7 through No. 42 and CS-9 # 1 through # 4)	\$7,626,720.47
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 (Including C.O. # 42)	\$50,560,102.36
Sub-Total To Date	\$ 42,475,334.69
Less Deductions: None	\$ -
Less Amount Reserved (max. 10% of 50% of total CV, including CS-9 value)	\$ 2,528,005.12
Total Amount Allowed To Date: Work in Place = 84.0 % complete	\$0.00
Less Previous Estimates:	\$39,642,184.26
Payment Due	\$305,145.31
Reserve Pay to Contractor:	\$0.00

Amount remaining to complete: \$8,084,767.67

Accounting Auditor:

Amount to be Reserved 2,528,005.12

Less Previous Transfer to Reserve 2,528,005.12

Amount of Current Transfer \$0.00

Regular Construction Estimate No. 45; June 01 to 30, 2024 - NESPS Pump & Electrical Upgrades

Page Two of Two

Prepared by:



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

Date:

July 10, 2024

Recommended by:



John Michalski, P.E., ASI

Date:

7/10/2024

Recommended by:

Joel Brown, P.E. Oakland County WRC

Date:

Recommended by:



Stephen Downing; Macomb County OPWC

Date:

7/12/2024

Regular Construction Estimate No. 45: June, 2024
NESPS Pump & Electrical Upgrades Project

Approved By Board On:

OAKLAND MACOMB INTERCEPTOR DRAIN DRAINAGE BOARD
For Construction of the NI-EA OMID Contracts 2 A and 2 B - PCI 18 and 19 Rehabilitation
Located in the City of Detroit, Wayne County, Michigan
Project ID : TBD

Regular Construction Estimate No. Eleven (Contr. 2-A Only)

Period: June 01 through June 30, 2024

Department No.:	6010101	Account No.:	SC 731472
	FND84918	Program No.:	PRG 149015
Project No.:	PRJ-17408	Activity:	1-FAC-ACQ

Contractor:	Vendor # TBD Contract # 10396	
Z Contractors, Inc.	License # 07130 exp. 4-30-25	NTP 6/29/2023
50500 Design Lane	Final Completion Dates	Oct. 28, 2024 (2A) & June 24, 2025 (2-B)
Shelby Township, MI 48315	Adjusted Final Completion Dates: Same	

Original Construction Contract Amount	(Contract 2-A, Only)	\$9,488,650.00
Previous Change Orders: None		\$0.00
Change Orders This Estimate: C.O. No. One		\$37,930.25
Total Net Change Orders:		\$37,930.25
Adjusted Contract Amount: (Contract 2A Only)		\$9,526,580.25
Sub-Total To Date		\$5,947,911.27
Less Deductions: None		\$0.00
Gross Estimate, Work in Place	62.4 % Complete	\$5,947,911.27
Less Amount Reserved (Max. at 10% of 50% of adj. C.V.)		\$476,329.02
Total Amount Allowed To Date:		\$5,471,582.25
Less Previous Estimates		\$5,216,883.51
Net Payment Request To Be Paid To Contractor:		\$254,698.74

Reserve Payment to Contractor:	\$0.00
Balance to Finish: \$ 3,578,668.98	Accounting Auditor:
Amount to be Reserved from Above	\$476,329.02
Less Previous Transfers To Reserve:	\$476,329.02
Amount of Current Transfer	\$0.00

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

Date: July 10, 2024

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

Date: 7/10/2024

Recommended by: _____
Jennifer Cook, P.E. Oakland County WRC

Date: _____

Recommended by: Stephen Downing
Stephen Downing; Macomb County OPWC

Date: 7/12/2024

Regular Pay Estimate No. Eleven; June 01 through June 30, 2024

Approved By Board On: _____

Agenda Item No. 11

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

Oakland Macomb Interceptor Drain (OMID) Repairs

Project Progress Update

Prepared by:

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

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 17, 2024 OMIDDD Board Meeting

The following provides a status update as of the writing of this report (July 10, 2024) 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/Corrosion Control Systems Design

- Project Budget: \$1,054,052.86
- Total Spent (Invoice No. 15, through June 2024): \$959,454.98
- Jacobs' effort is currently on time according to the latest design/bidding schedule.

Status of Major Project Tasks:

- Two bids were received on May 16, 2024 (CCC and LDS), with the low bid (CCC) read as \$7,419,000.00. A letter of recommendation for award was submitted to the Drain Board for consideration during the June 2024 Drain Board meeting and was approved.
- A pre-award meeting with the low bidder (CCC) was held on Monday, June 3, 2024.
- A construction contract with CCC is currently being prepared for execution.
- Permitting activities include the Sterling Heights' Engineering Department site plan review, which is complete, pending permits to be pulled by the selected construction contractor. Sterling Heights' Building Department site plan review is also complete.
- Notice to Proceed to selected construction contractor anticipated to be in mid-September 2024.
- The design of the 15 Mile Road/ITC Corridor (Control Structure No. 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), and data from other odor/corrosion control sites is available.

SRF Segment 2 (Contract 3) Status: Complete

SRF Segment 3 (Contract 4) Status: Complete

SRF Segment 4 (Contracts 5-7) Status: Complete NESPS Odor/Corrosion Control System: Complete

NESPS & OMID Maintenance, Operations & Upgrades Status:

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

- Mersino is under contract for standby emergency bypass pumping. No activity this month.
- 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 OCVRC and MCPWS Blanket Contract Holders. Field work will follow requirements for MIDDD Segment 5 pipe storage are complete (expected Fall 2024).
- 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, and Pump/Electrical Upgrade Project is ongoing and has not impacted station operations or the ability to meet demand.
- The removal of the existing wet well elevator began April 29, 2024. The installation of the new elevator is underway and on schedule for completion in mid-August, 2024.
- Excavation of existing and installation of new Stand-by Generator duct bank is complete. Work to complete electrical wiring runs remains. No interruptions to PS operations noted. Two (2) megawatt portable generators will remain on-site to provide standby power during the installation of the new generator, duct bank, and electrical tie-in.
- New Transformer (s) T3 and T4 are in service providing dual electrical duty without any issues.
- Sanitary Pump #4 on track for a late August 2024 start after ongoing repairs. Preparations remain on track to install the VFD and related equipment.
- Lardner has applied for the final Dry Well Elevator Permit from the City of Detroit. Outstanding items include the closeout inspection and emergency power tie-in. (Work in progress). An inspection date has been requested. The elevator re-cabling and sheave replacement is complete.
- The quarterly wet well bar screen cleaning took place on March 20, 2024. A re-visit attempt on May 1, 2024 was impacted by wet weather with a new date July 30, 2024. The North and South bar screens remain in good condition. We continue to monitor bar screen conditions regularly.

- The 25-ton and 4-ton crane continue to perform well. Inspections were completed on March 15, 2024 with no issues noted. Inspection report is on file.

Overall NESPS Station Performance Report by METCO:

- Mechanical: Sanitary Pumps #1 #2, #3, and #6 remain ready for duty (Pumps #1 and #3 have never performed to the design capacity but are provisionally approved by the manufacturer for use while evaluations and consideration of options for mitigation continue). Total Pumping Capacity equals 450 CFS. Contract Capacity 423cfs. Firm Capacity 400cfs.
- A significant (running) oil leak appeared during a trial run of Sanitary Pump #5 (as reported last month). Flowserve requested a complete removal of the Pump #5 rotating assembly to repair. Pump #6 assembly was inserted into Pump #5 and a less substantial (slow dripping) oil leak was observed on testing. Flowserve has implemented and tested their design corrective with success as witnessed by Walsh. The existing pump will also need to undergo this corrective.
- Adjustments were made to the MPR (Motor Protection Relay) by Walsh and Rotor due to nuisance trips of Pumps #1 and #3. Schneider and WEG are scheduled to inspect June 21, 2024. Electrical issues with Sanitary Pump #3 and Pump #5 have been resolved by the electrical team during the visit June 21.
- Sanitary Pump #4 remains out of service, after the Variable Frequency Drive (VFD) failed catastrophically, and the unit was deemed unserviceable. Project Pump 4 (Toshiba MV 2000HP VFD) installation remains on schedule for August 2024.
- The overhaul of Sanitary Pump #4 shaft bearings and pump mechanical seal is complete as of May 13, 2024.
- The wet well dewatering pump required a lip seal replacement, completed last week. Kennedy also recommends a shaft bearing overhaul, which is pending. Pump is ready for duty.
- NESPS/GLWA LOTO (Lock-Out Tag-Out) continues as a primary means of safety communication.
- Dry well submersible sump Pumps #1 and #2 are in service and ready for duty.
- CMMS: NEXGEN asset management in use. Monthly status meetings are being held with OMID. Contractors are fulfilling their NEXGEN requirements with no outstanding issues to report.
- HVAC: Gas detection is in use. New oxygen sensors have been installed and programming is complete. Rounds are conducted daily. Unit air filters are restocked and changed as required. Station ventilation and gas detection continue to be closely monitored.
- Bio Filter performance has been acceptable. No odor or complaints have been reported. The problematic blower isolation dampers have been mechanically adjusted to provide greater ease of operation.
- Overall General Housekeeping tasks remain in order. Minor maintenance activities continue to be 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).
- All LOTO protocols remain in place.
- System-wide communications are good.
- CS-6 gate is in stand-by mode and ready for service.
- CS-5 and CS-8 in stand-by mode and ready for service.
- CS-9 in stand-by mode and ready for service (minor repairs to electrical box and washers pending).
- Routine daily rounds and inspections made.

Other System Operation Issues

- O&M Manual is currently being revised to include new structures, recently modified structures, new monitoring equipment, recent EGLE approval of gate use for long term flow management, and recent inspection and repair status.

OMID Control Structure Upgrades Status:

- ASI continues design of major upgrades to control structures which takes into consideration long-term operability.
- Initial inspections, planning, and Basis of Design are complete, with final Design package submitted to OMID for review.
- Currently considering options for packaging and contract delivery (i.e., one or multiple contracts, etc.)
- Currently evaluating potential impacts on other projects and best timing for construction, although start of the work is tentatively planned for Fall of 2024.

OMID System 6-Year Inspection Status:

- All inspections are complete and the final report has been finalized. Certain maintenance repairs identified during the inspection are planned to be completed by one of WRC or MCPWC task-order contractors; solicitation in progress.

NIEA Rehabilitation

Contract 1 (PCI-4 Rehabilitation): In Construction (Punch List)

Amt Invoiced: Construction cost to date is \$15,752,284.95, representing approx. 98% of the adjusted Contract value. No change since May report.

Schedule Status: The adjusted Contract Substantial Completion date is April 12, 2023, with the final realized SC date being January 19, 2024. The Contractor is operating approximately 293 days behind the adjusted schedule, with time extension requests under consideration, expected ultimately to balance against late finish time.

Contract 1 (PCI-4 Rehabilitation) Construction Status:

- All Contract Work, including additional rehabilitation work at the NESPS Gatehouse has been completed. The Outer Drive/ Van Dyke work site and the State Fair Avenue Laydown yard have been fully demobilized, and topsoil, seed, and mulch in place.
- Final change order preparation and Contract closeout tasks are ongoing.

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

Amt Invoiced: \$5,947,911.27 out of \$9,526,580.25 (construction, Contract 2A only) has been completed, representing 62.4 % complete.

Schedule Status: Contract 2A: Approximately 11 days behind as a result of permit and water main relocation issues; this time will be adjusted with the Contractor, with no currently anticipated increase in construction budget (note that the Contractor has gained schedule in the past month due to better than anticipated equipment delivery adjustments). The Contractor is now in full operation with progress moving forward as anticipated.

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

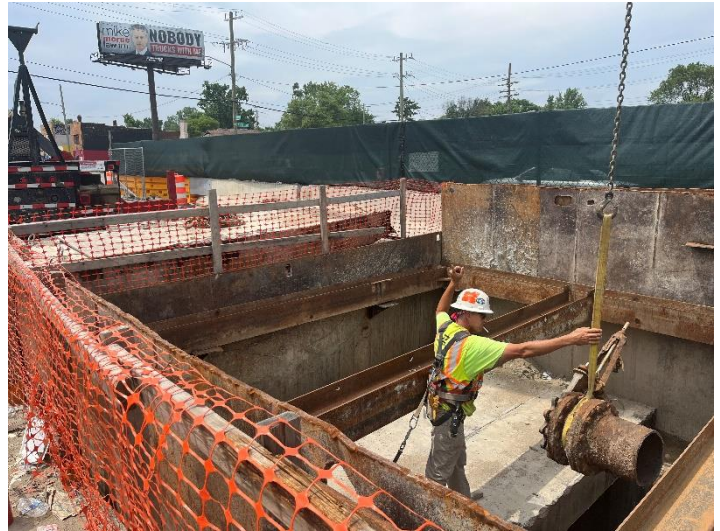
- Traffic control equipment is in place including signal, lane closure, and signage revisions.
- The Seven Mile shaft lower wall elements are complete, including mud mat, structural slab, and shaft walls.
- The TERS bracing elements have been removed as permanent wall sections are constructed. Temporary stabilizing rib supports have been removed from the 8' diameter adit Sewer and the adjacent 7 Mile Road GLWA Sewer.
- Geotechnical instrumentation continues to indicate stable conditions, with no significant ground movement.
- The existing PC-663 stop gate has been removed. The PC-663 TERS is complete. Work on the Van Dyke underground conduit crossing and cable vault installation is projected to begin in mid-July, 2024.
- The Contractor and the Engineer's field staff have continued to work successfully with the local community on traffic control issues and business interference concerns.
- Efforts to coordinate the Contract 2B work (anticipated to begin December, 2024) with downstream DRI work by GLWA are underway, with an OMIDDD /GLWA coordination meeting scheduled for early July, 2024.

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
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		
Completion of Construction	\$3,500,000	\$28,630,000	Contract 1, projected SC at 4/24; FC 4/24 Contract 2A& B, est. 12/24 and 8/25.



Placing flow fill at south side of access structure



Removing knife gate at PC-663



Installing FRP platform in 7 Mile access shaft structure



Removing temporary support ribs from 8 foot adit sewer

NESPS Pump and Electrical Upgrades Project

- Budget Status:** The total construction amount invoiced as of November 30, 2023, is \$42,475,334.69 out of \$50,060,102.36 (including the operational Control Structure 9 Bulkhead Gate facility and adjusted for stored material inclusion in major work activities), representing 84% of the Pump & Electrical Upgrades Project, with additional change order additions equalizing the regular work completion values.
- Schedule Status:** Work is currently delayed by performance evaluations of Pump #1, # 3, and #5. The estimated delay is 24 months, which cannot be recovered. The project team hopes to reduce further delay with schedule enhancement efforts. Negotiations with the Contractor are pending.

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 have been installed, with in-place testing in progress. Both pumps are approved for provisional use but are currently operating below design capacity. Physical model testing at Clemson University to further evaluate the cause and resolution of this issue is complete. "Pre-swirl effects appear to be the issue, and installation preparations of "flow-fins" to correct the issue in Pump #6 is ongoing; remaining pumps TBD on the basis of the results of the Pump #6 retrofit.
- Sanitary Pump #5 is substantially complete with testing. An initial start-up for Pump #5 was attempted in mid-May, 2024 but motor/excitor coordination issues are delaying further testing. An observed oil leak in the rotating pump assembly required removal and replacement of this key component. A joint field investigation of the motor/excitor issue was performed by the two manufacturers in late June 2024; repairs ongoing.
- Demolition of the existing Wet Well Elevator components is complete. This will allow for installation of the new elevator, and rail and accessory equipment installation is in progress.
- 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.
- 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. The first payment on the BR claim has been received by OMID and disbursement protocols are underway.
- Schedule adjustments are currently under discussion. The Contractor has revised the sequence of rehabilitation for the existing Pump Knife Gate Valves: KG#1, #2, and #5 have been re-installed after rehabilitation. KG #6 will be replaced with a new valve (currently in on-site) rather than refurbishing the original to realize schedule improvements and potential cost savings.
- Work on the alternate discharge piping installation for the Dewatering Pump is complete, and safety screens to protect personnel from the rotating drive shaft have been installed. Modifications to the shaft screens on the larger Sewage Pumps have also been completed to allow for greater maintenance flexibility.
- The switchover of the existing primary transformers is complete, and demolition of the exposed concrete encased electrical conduit in the Electrical Building basement is underway.
- Phase I and Phase II of the removal and replacement of the site concrete paving is now complete. A review of the final Phase III site paving is now complete preparing for late Summer 2024 construction with final Phase III drawings ready for a construction start.
- Fabrication of the new 25 ton overhead crane for the Motor Room continues at the local fabricator's shop and is on schedule for installation.

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
9 Final Package Development			8/14/2020
Subtotal	\$3,826,000		
10 Substantial Completion	\$2,500,000 (est.)	\$49,380,000	3/19/2025 (late)
11 Final Completion		\$49,380,000	June 2025 (late)



**NESPS Refurbishment Project
Location**



Swapping interior moving parts between Pumps #5 and 6



Removal of existing electrical wiring



Installation of draining pump drive shaft on 6th floor



Demolition of existing electrical case in basement of new electrical building



Connecting main plant power to new transformer T4



Installing duct bank for new conduit runs



Concrete pour for new conduit runs



Delivery of new KGV6

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

Slip lining with Hobas and grouting of the annular space upstream of CS-12 continues. As of June 1, 2024 the contractor has placed 260 total pipes (approximately 5,017 feet) to within 80 feet of MH-1. The third run from MH-4 to MH-3 has been grouted to completion. OMIDDD repair section between CS-4 and CS-12 expected Fall 2024.



Installed Hobas liner



Construction of MH-5 riser



Annulus grouting operations

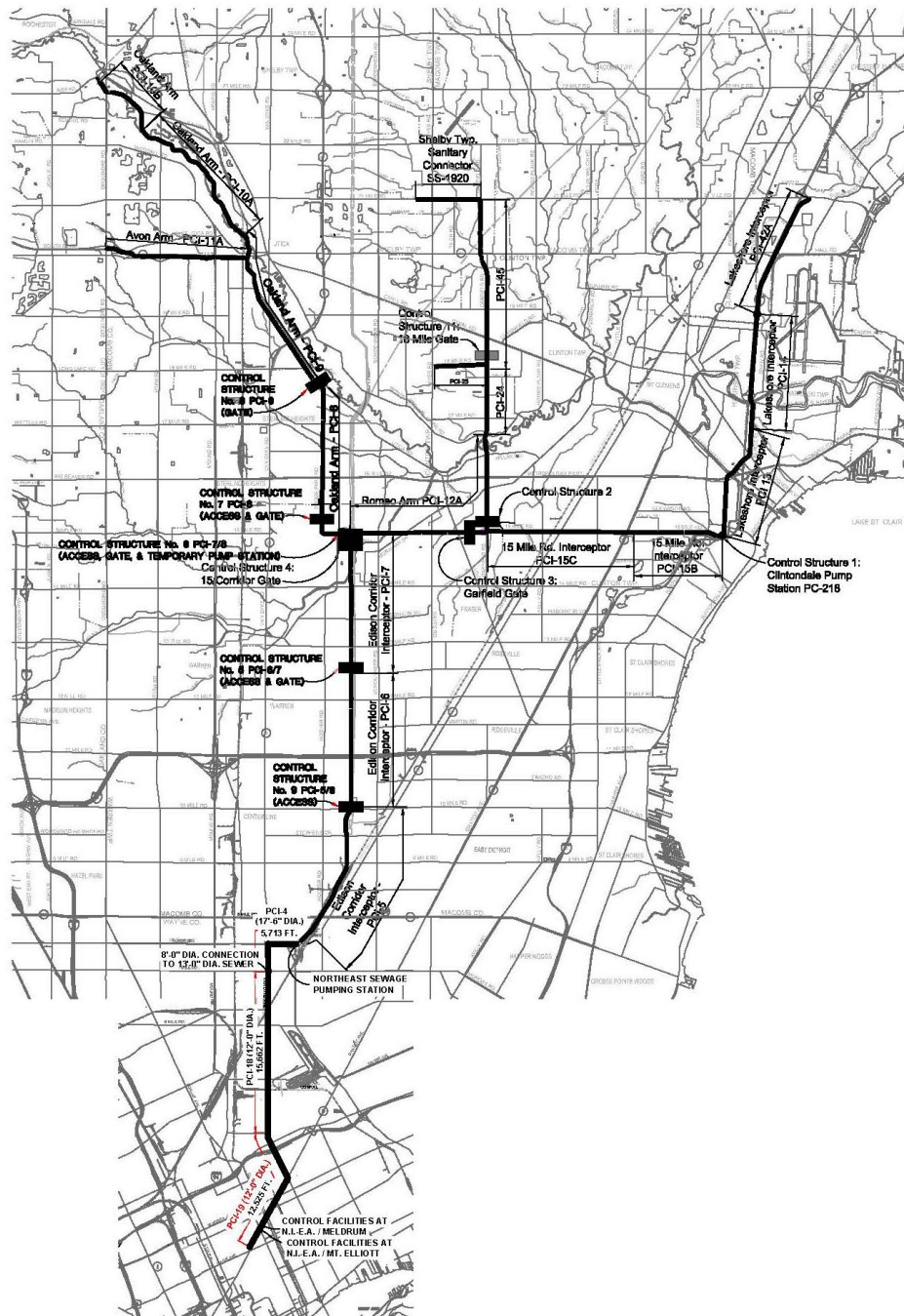


Pipe carrier operations

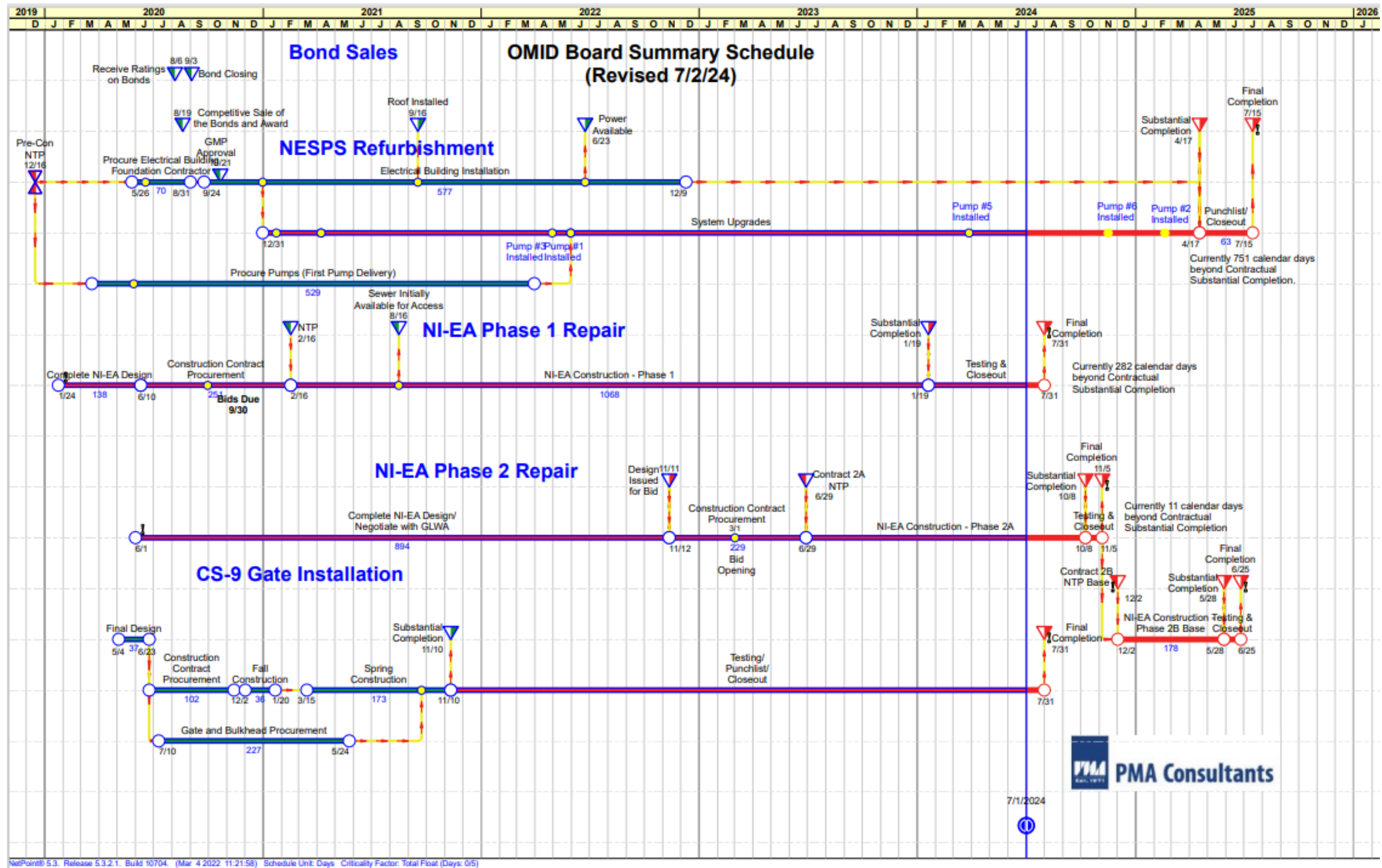
Summary of OMID Design and Construction Status:

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/Y	Y/Y/Y	Y/Y/Y	N/A
N/A	OMID Maintenance Repairs	Doetsch	Y	Y	Y	Y	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	3-year inspection and repairs	Doetsch	Y	Y	Y	Y	N/A
N/A	6-year inspection	Doetsch	Y	Y	Y	Y	N/A
N/A	NIEA-OMIDDD Contract 1 (PCI-4)	Marra	Y	N	N	N	N
N/A	NIEA-OMIDDD Cont 2 (PCI-18/19)	Z Contractors	N	N	N	N	N

Work Currently in Design/Study/Engineering		
Description	Design Consultant	Status
System-wide Odor/Corrosion Design	Jacobs	Design and bidding Complete, award to CCC pending
NESPS & OMID Maintenance & Repairs	Metco	Engineering/Maintenance Ongoing
Emergency Pumping Plan	ASI/NTH/FKE	Draft Plan to be modified following ITC bypass pumping modifications
Control Structure Upgrades	ASI	Design Complete; bidding fall 2024



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



OMID Project Schedule Summary

MID/OMID Construction Schedule

Project	Work Location	Owner	Lead Engineer	Contractor	2024					2025												MID/OMID Control Devices Required to Store Flow												Concurrent Work Notes		
					J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	CS-2	CS-3	CS-5	CS-6	CS-6 PS	CS-7	CS-8	CS-9	CS-12	CS-13		CPS	PC663 Gate
Segment 6 Lining	15 Mile upstream of Garfield (15 Mile Interceptor)	MID	FKE	Ric-Man																				-	-	-	-	-	-	-	-	Y	Y	-	Flow control on pause but upcoming. May work concurrent with Segment 5 or NIEA rehabilitation. Schedule is estimated.	
	15 Mile upstream of Garfield & between CS-2/CS-3 (Romeo Arm)	MID	FKE	Ric-Man																				Y	Y	N	-	-	-	-	-	H	Y	Y	-	May work concurrent with Segment 5 or NIEA rehabilitation. Flow control conditions at the CS gates is similar with the exception of utilizing CS-2. Schedule is estimated.
Segment 5 Lining*	15 Mile between ITC Corridor & Eberlein	MID	FKE	ORC																				-	Y	N	Y	-	Y	Y	-	Y	-	H	-	If work is concurrent with NIEA rehabilitation; CS-9 is required. Flow control dates may change depending on sediment removal means and methods.
NIEA Rehabilitation (Downstream of NESPS)	PCI-18/19 Flow Control Structures (Contract 2A)	OMID	NTH	Z Contractors																				-	Y	N	Y	-	Y	Y	Y	-	-	H	-	Shaft construction. MID/OMID flow control may be required depending on 7-Mile Relief Inter-Connection and PC-663 Gate status. Coordination with GLWA and downstream system when flow is diverted to 7 Mile Relief.
	PCI-18/19 Spot Repairs and Linings (Contract 2B)	OMID	NTH	Z Contractors																				-	-	-	-	-	-	-	-	-	-	-	Y	PC-663 Gate closure will divert flow to 7 Mile Relief Sewer. Coordination with GLWA and downstream system when flow is diverted to 7 Mile Relief. NESPS should operate normally to pass DWF rates. (10/2024 to 5/2025)
NESPS Improvements	NESPS Pump Replacement	OMID	ASI	Walsh																				-	Y	-	Y	-	Y	Y	Y	-	-	H	-	Will require brief flow control for pump installation, gate installation, and electrical work.
DB-226 DRI Repairs (Reach 2A - 3B)	GLWA - DRI	GLWA	FKE	Jay Dee																				-	-	-	-	-	-	-	-	-	-	-	-	Can be effected by flows rerouted from the NIEA to the DRI. Project status changes in late 2024 following completion of Reach 3B after which flow control for NIEA C2B is not impacted..
Flow Control Structure Rehabilitation	CS-5, CS-6, CS-7, CS-8	OMID	ASI	TBD																				N	N	-	-	-	-	-	N	N	-	N	-	Work will take CS Structures out of Service during Gate and Operator modifications. Project currently on hold.
MID Inspection	Routine Inspection of MID Manholes & Interceptors	MID	NTH	Doetsch																				-	-	-	-	-	-	-	-	-	-	-	-	Work time and schedule TBD at this time.
PSPS / COSDS Work (PSPS Shutdown)	PSPS	WRC	n/a	n/a																				-	-	-	-	-	-	-	-	-	-	-	-	Diversion to PSPS is 10 to 15 MGD. Scheduled shut down of PSPS TBD for yearly maintence; no flow diversion to Pontiac WWTP (CRWRRF) during this time. Will significantly impact storage capabilities on the Oakland Arm CS gates.

Monthly FINAL

Table updated for 7/1/2024. Estimates to be updated as necessary.

* Flow control will be required for sewer cleaning, cschedule on-going. Flow control requirements are TBD based on contractor means & methods, not reflected in "Control Devices Required to Store Flow" section.
* Flow control will be required for sewer lining (Schedule TBD). Flow control CS requirements are defined in the "Control Devices Required to Store Flow" section.
PSPS and ELPS operations can significantly impact storage times upstream of CS-6, 7 & 8 and subsequently downstream control structures. Coordination & alerting for ELPS, PSPS, WRC Meters 1222/1223 & 1000 required.

Y = Required to store
N = Required to not store
H = Helpful to extend work times. *If available when not required for concurrent work.*
- = Irrelevant

Estimated Project Window

Flow Control Required

Flow Control May Be Required

Agenda Item No. 12

**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, 2024		OMID SEGMENT 5 BOND ISSUE PRJ-13252	OMID NI-EA CONSTRUCTION PRJ-13308	NESPS MECH-ELEC CONSTRUCTION PRJ-13309	YTD Balance
100100	Cash - Operating	2,276,997.52	4,378,661.03	9,330,883.20	15,986,541.75
143100	PrepaidExpenses			223,786.92	223,786.92
	ASSETS	2,276,997.52	4,378,661.03	9,554,670.12	16,210,328.67
222300	Unearned Revenues	576,414.65	(1,026,815.32)	(2,892,320.31)	(3,342,720.98)
	LIABILITIES	576,414.65	(1,026,815.32)	(2,892,320.31)	(3,342,720.98)
698200	Insurance Recoveries			(769,476.00)	(769,476.00)
655000	Income From Investments	(1,001,328.17)			(1,001,328.17)
	REVENUES	(1,001,328.17)	0.00	(769,476.00)	(1,770,804.17)
730000	Contractual Services		1,811,999.01	4,576,529.06	6,388,528.07
770000	Internal Support Expenditures		53,031.34	81,956.00	134,987.34
	EXPENSES	0.00	1,865,030.35	4,658,485.06	6,523,515.41
381315	FB Restricted Debt	(47,288,433.00)			(47,288,433.00)
382100	FB Committed for Capital Proj	45,436,349.00	(5,216,876.06)	(10,551,358.87)	29,668,114.07
	Fund Balance	(1,852,084.00)	(5,216,876.06)	(10,551,358.87)	(17,620,318.93)
		(0.00)	0.00	(0.00)	(0.00)

Cash as of 06/30/2024 \$ 15,986,541.75

Invoices/Reimbursements for NIEA Construction on Current Agenda impacting Cash Balance (7,726.77)

Invoices/Reimbursements for NESPS Mech / Electrical Construction on Current Agenda impacting Cash Balance (524,252.43)

Total Net Cash Balance \$ 15,454,562.55

Company	Oakland County
Projects and Project Hierarchies	PRJ-13308 OMID NI-EA CONSTRUCTION
Budget Structure	Project Task
Budget Name	
Period	FY2024 - Jun

Project	Final Budget	Actuals MTD	Commitments	Obligations YTD	Actuals YTD	Total Spend	Actuals LTD	Variance
Project Expenses	28,395,600.00	12,508.14	-	-	1,865,030.35	1,865,030.35	24,023,682.39	4,371,917.61
1 > Administration	584,000.00	-	-	-	-	-	175,749.40	408,250.60
1 > Contingency	2,581,000.00	-	-	-	-	-	-	2,581,000.00
1 > Engineering	478,000.00	5,086.50	-	-	48,511.87	48,511.87	259,304.49	218,695.51
1 > Engineering Consultants	4,913,000.00	6,248.64	-	-	451,818.76	451,818.76	5,866,867.52	(953,867.52)
1 > Facility Acquisition	17,983,600.00	-	-	-	1,369,007.25	1,369,007.25	17,197,983.29	785,616.71
1 > Inspection	260,000.00	-	-	-	-	-	-	260,000.00
1 > Legal and Financial	1,259,000.00	1,173.00	-	-	(8,827.00)	(8,827.00)	238,233.59	1,020,766.41
1 > Right of Way	265,000.00	-	-	-	4,519.47	4,519.47	86,378.76	178,621.24
1 > STANDARD	40,000.00	-	-	-	-	-	199,165.34	(159,165.34)
1 > Survey	32,000.00	-	-	-	-	-	-	32,000.00
Project Revenues	-	-	-	-	-	-	27,375,528.10	
RC605572 - Special Assessments Revenue	-	-	-	-	-	-	5,403,685.03	
RC697551 - Issuance of Bonds	-	-	-	-	-	-	21,965,099.65	
RC698200 - Insurance Recoveries	-	-	-	-	-	-	6,743.42	
Revenue Over/ (Under) Expenses							3,351,845.71	

Company	Oakland County
Projects and Project Hierarchies	PRJ-13309 NESPS MECH-ELEC CONSTRUCTION
Budget Structure	Project Task
Budget Name	
Period	FY2024 - Jun

Project	Final Budget	Actuals MTD	Commitments YTD	Obligations YTD	Actuals YTD	Total Spend YTD	Actuals LTD	Variance
Project Expenses	54,086,000.00	268,309.39	-	709,852.00	4,658,485.06	5,368,337.06	45,300,805.88	8,785,194.12
1 > Administration	620,000.00	-	-	-	3,824.75	3,824.75	48,243.81	571,756.19
1 > Contingency	4,917,000.00	-	-	-	-	-	-	4,917,000.00
1 > Engineering	446,000.00	9,702.49	-	-	45,939.40	45,939.40	327,421.09	118,578.91
1 > Engineering Consultants	3,987,000.00	22,271.54	-	-	572,490.48	572,490.48	3,853,079.91	133,920.09
1 > Facility Acquisition	40,857,000.00	193,471.32	-	-	3,582,176.81	3,582,176.81	38,973,297.23	1,883,702.77
1 > Inspection	285,000.00	3,897.18	-	-	34,602.88	34,602.88	424,278.77	(139,278.77)
1 > Legal and Financial	2,417,000.00	20,051.41	-	-	176,149.46	176,149.46	427,499.95	1,989,500.05
1 > Right of Way	393,000.00	-	-	-	-	-	-	393,000.00
1 > STANDARD	130,000.00	18,915.45	-	709,852.00	243,301.28	953,153.28	1,244,834.81	(1,114,834.81)
1 > Survey	34,000.00	-	-	-	-	-	2,150.31	31,849.69
Project Revenues	-	-	-	-	769,476.00	(769,476.00)	51,963,155.69	
RC605572 - Special Assessments Revenue	-	-	-	-	-	-	9,356,057.68	
RC697551 - Issuance of Bonds	-	-	-	-	-	-	41,837,622.01	
RC698200 - Insurance Recoveries	-	-	-	-	769,476.00	(769,476.00)	769,476.00	
Revenue Over/ (Under) Expenses							6,662,349.81	

OCM Project Work In Progress

Company Oakland County
Projects and Project Hierarchies PRJ-13252 OMID Segment 5
Budget Structure Project Task
Budget Name
Period FY2024 - Jun

Project	Actuals MTD	Actuals YTD	Total Spend YTD	Actuals LTD
Project Expenses	-	-	-	757,136.57
1 > Administration	-	-	-	242,201.57
1 > Legal and Financial	-	-	-	514,935.00
Project Revenues	37,289.83	1,001,328.17	(1,001,328.17)	3,610,548.74
RC605572 - Special Assessments Revenue	-	-	-	894,060.05
RC655077 - Accrued Interest Adjustments	-	167,703.74	(167,703.74)	86,724.04
RC655385 - Income from Investments	37,289.83	261,726.14	(261,726.14)	1,543,677.32
RC655462 - Increase Market Value Investment	-	571,898.29	(571,898.29)	1,084.24
RC697219 - Premiums on Bonds Sold	-	-	-	7,672,724.75
RC697551 - Issuance of Bonds	-	-	-	(6,587,721.66)
Revenue Over/ (Under) Expenses				2,853,412.17

YTD Trial Balance Fund: 84918 NIEA Contract #2 As of Fiscal Period: Month 9, 2024		NIEA Contract #2 Bond Issue PRJ-17384	NIEA Contract #2 Construction PRJ-17408	YTD Balance
100100	Cash - Operating	188,440.51	10,021,823.58	10,210,264.09
	ASSETS	188,440.51	10,021,823.58	10,210,264.09
222300	Unearned Revenues		(9,369,228.15)	(9,369,228.15)
	LIABILITIES	0.00	(9,369,228.15)	(9,369,228.15)
630000	Income From Investments		(1,125,000.00)	(1,125,000.00)
655000	Income From Investments	(569,688.21)		(569,688.21)
	REVENUES	(569,688.21)	(1,125,000.00)	(1,694,688.21)
730000	Contractual Services		6,153,254.18	6,153,254.18
770000	Internal Support Expenditures		179.04	179.04
	EXPENSES	0.00	6,153,433.22	6,153,433.22
382100	FB Committed for Capital Proj	381,247.70	(5,681,028.65)	(5,299,780.95)
	Fund Balance	381,247.70	(5,681,028.65)	(5,299,780.95)
		0.00	(0.00)	(0.00)

Cash as of 06/30/2024 \$ 10,210,264.09

Invoices/Reimbursements for Construction PRJ-17408 on Current Agenda impacting Cash Balance (314,749.43)

Total Net Cash Balance \$ 9,895,514.66

OCM Project Work In Progress

Company Oakland County
Projects and Project Hierarchies PRJ-17408 NI-EA C2 PCI 18&19 Rehab
Budget Structure Project Task
Budget Name
Period FY2024 - Jun

Project	Final Budget	Actuals MTD	Actuals YTD	Total Spend YTD	Actuals LTD	Variance
Project Expenses	15,600,000.00	463,761.40	6,153,433.22	6,153,433.22	6,462,426.13	9,137,573.87
1 > Administration	95,287.00	-	-	-	-	95,287.00
1 > Engineering	235,465.00	179.04	179.04	179.04	179.04	235,285.96
1 > Engineering Consultants	2,089,000.00	98,801.12	705,839.31	705,839.31	769,034.56	1,319,965.44
1 > Facility Acquisition	12,596,000.00	364,781.24	4,971,085.86	4,971,085.86	5,216,883.52	7,379,116.48
1 > Inspection	230,037.00	-	-	-	-	230,037.00
1 > Legal and Financial	279,000.00	-	-	-	-	279,000.00
1 > Right of Way	42,000.00	-	-	-	-	42,000.00
1 > STANDARD	15,796.00	-	476,329.01	476,329.01	476,329.01	(460,533.01)
1 > Survey	17,415.00	-	-	-	-	17,415.00
Project Revenues	-	-	1,125,000.00	(1,125,000.00)	7,115,021.56	
RC605572 - Special Assessments Revenue	-	-	-	-	193,214.85	
RC631827 - Reimb General	-	-	1,125,000.00	(1,125,000.00)	1,125,000.00	
RC697219 - Premiums on Bonds Sold	-	-	-	-	176,878.45	
RC697551 - Issuance of Bonds	-	-	-	-	5,619,928.26	
Revenue Over/ (Under) Expenses					652,595.43	

OCM Project Work In Progress

Company Oakland County
Projects and Project Hierarchies PRJ-17384 OMIDDD NIEA Contract2 Bond Adm
Budget Structure Project Task
Budget Name
Period FY2024 - Jun

Project	Actuals MTD	Actuals YTD	Total Spend YTD	Actuals LTD
Project Expenses	-	-	-	124,622.50
1 > Administration	-	-	-	124,622.50
Project Revenues	23,142.52	569,688.21	(569,688.21)	313,063.01
RC655385 - Income from Investments	23,142.52	183,545.87	(183,545.87)	202,991.27
RC697551 - Issuance of Bonds	-	-	-	110,071.74
Revenue Over/ (Under) Expenses				188,440.51

Oakland County - Water Resources Commissioner's Office
Fund Equity: Schedule of Reserves and Dedicated Funds
As of Date: June 30, 2024

Fund	Description	Major Maintenance	Emergency Maintenance Reserve	Capital Improvement	Undesignated	Committed for Capital Projects	Total Equity
82912	OMIDD Maintenance Fund	5,069,099.78	2,515,991.49	7,183,574.92	4,170,444.81		18,939,111.00
84917	OMIDD Seg 5						
	- Project 1-3252 Interceptor Seg 5					2,853,412.17	
	- Project 1-3308 NI - EA Construction					3,351,845.71	
	- Project 1-3309 NESPS Construction					<u>6,662,349.81</u>	<u>12,867,607.69</u>
84918	OMIDDD North Interceptor East Arm – Contract #2						
	- Project: PRJ-17384 OMIDDD NIEA Contract2 Bond Adm					188,440.51	
	- Project: PRJ-17408 OMIDDD NIEA Contract2 Construction					<u>652,595.43</u>	
							841,035.94
Total Equity in Maintenance and Construction Funds							<u><u>31,806,718.69</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 07/17/2024

		84917 1-3308	84917 1-3309	84918 1-7408	82912	
<u>Payable To</u>	<u>Invoice #</u>	<u>Segment 5 NIEA Construction</u>	<u>Segment 5 NESPS Mech / Electric Construction</u>	<u>NIEA Contract #2 Construction</u>	<u>Operations & Maintenance</u>	<u>Total</u>
Oakland County *	WRC Labor/Fringes/Non-direct Labor (02/24/2024 - 03/22/2024)	6,167.89	15,868.06			22,035.95
Oakland County *	WRC Equipment (02/24/2024 - 03/22/2024)	143.41	499.53			642.94
Applied Science, Inc	Invoice # 63 (ASI Inv. #8775) Services 04/28/24 to 05/25/24		74,047.54			74,047.54
Applied Science, Inc	Invoice # 63A (ASI Inv. #8777) Services 04/28/24 to 05/25/24		613.10			613.10
Applied Science, Inc	Invoice # 63 B (ASI Inv. #8776) Services 04/28/24 to 05/25/24		1,896.50			1,896.50
Applied Science, Inc	Invoice # 64 (ASI Inv. #8806) Services 05/26/24 to 06/26/24		75,546.30		523.34	76,069.64
Applied Science, Inc	Invoice # 64A (ASI Inv. #8808) Services 05/26/24 to 06/29/24		102.19			102.19
Applied Science, Inc	Invoice # 64B (ASI Inv. #8807) Services 05/26/24 to 06/29/24		121.00			121.00
Clark Hill PLC	Invoice # 1446763 Matter 463149 Walsh Construction Svs Through 05/31/2024		867.00			867.00
Clark Hill PLC	Invoice # 1446761 Matter 490169 NIEA Svs Through 05/31/2024	3,672.00				3,672.00
CSM Mechanical, LLC	Invoice # 3488 - Job 2090 Replace JACE and AO-8 module 04/19/24				6,256.60	6,256.60
CSM Mechanical, LLC	Invoice # 3508 - Job 2053 Repair Bio-Trickling Filter May & June 2024				4,430.90	4,430.90
CSM Mechanical, LLC	Invoice # 3512 - Job 2090 Work on Dampers 04/26/24				506.00	506.00
CSM Mechanical, LLC	Invoice # 3513 - Job 1802 Repair Sesors 05/10/24				13,598.16	13,598.16
HESCO (Hamlett)	Invoice # 242298 Trouble Shoot and Reair CS-5 Hydraulic Gate 05/08/24				8,880.01	8,880.01
Lardner Elevator Company	Invoice # 201091 - Elevator Maintenance April 2024				204.00	204.00
Lardner Elevator Company	Invoice # 201424 - Elevator Maintenance May 2024				204.00	204.00
Lardner Elevator Company	Invoice # 200970 - Repair Bad Door Lock Contact April 2024				973.00	973.00
Meadowbrook Insurance Agency	Invoice # 12928 Policy OCIPNESPSADMIN23 4th Quarterly Payment 9/20/23 - 9/20/2024		46,410.00			46,410.00
METCO Consulting Engineers	Invoice # 1811-66 06/03/2024 Through 06/30/2024				87,169.30	87,169.30
Motor City Electric Technologies	Invoice # 95755 T&M SCADA Work 06/11/24				720.00	720.00
Motor City Electric Technologies	Invoice # 95756 T&M SCADA Work 06/10/24				135.00	135.00
Motor City Electric Technologies	Invoice # 95771 T&M SCADA Work 01/24/24				135.00	135.00
NTH Consultants	Invoice # 636266 (D-421 & D-462) Engineering Services 05/18/24 - 06/21/24		473.91			473.91
NTH Consultants	Invoice # 636267 (D-425 & D-457) Engineering Services 05/18/24 - 06/21/24	4,054.77				4,054.77
NTH Consultants	Invoice # 636268 (D-458 & D-463) Engineering Services 05/18/24 - 06/21/24			60,050.69		60,050.69
PM Technologies	Invoice # 92114475 NESPS Generator 2 Monthly Inspection 06/17/24				350.00	350.00
PM Technologies	Invoice # 921156000 NESPS Generator 1 Monthly Inspection 06/17/24				350.00	350.00
PM Technologies	Invoice # 92118866 NESPS Generator 3 Monthly Inspection 06/17/24				350.00	350.00
PM Technologies	Invoice # 92748987 NESPS Generator 1 Repair 06/28/24				1,290.00	1,290.00

PM Technologies	Invoice # 92754887 NESPS Fuel Tanks 1 & 2 Inspections 06/12/24				630.00	630.00
PM Technologies	Invoice # 93089757 NESPS Generator 1 Temporary Shutdown 6/25/24				258.00	258.00
PMA Consultants	Invoice # 03559.01-48 Professional Services NESPS 05/01 - 05/31/24		19,029.58			19,029.58
Rotor Electric Company of Michigan	Invoice # 12657 Motor Floor and Electrical 06/16/23				6,506.08	6,506.08
Rotor Electric Company of Michigan	Invoice # 12758 P4 VFD Installation 05/10/24				10,083.78	10,083.78
Rotor Electric Company of Michigan	Invoice # 12759 P4 VFD Replacement 06/10/24				169,730.51	169,730.51
Rotor Electric Company of Michigan	Invoice # 12760 Emergency Call BTF-VFD Display Bank 05/01/24				1,410.75	1,410.75
Rotor Electric Company of Michigan	Invoice # 12761 Generator Shelter Maintenance 05/01/24				2,664.75	2,664.75
Rotor Electric Company of Michigan	Invoice # 12762 Generator System Testing 05/01/24				5,775.00	5,775.00
Rotor Electric Company of Michigan	Invoice # 12763 Generator 1 Not Synching 01/15/24				7,053.75	7,053.75
Rotor Electric Company of Michigan	Invoice # 12764 Generator Function Test Procedure Development 01/15/24				940.50	940.50
Rotor Electric Company of Michigan	Invoice # 12765 P6 No Start Investigation 03/08/24				1,410.75	1,410.75
Rotor Electric Company of Michigan	Invoice # 12766 MV Switchgear Remote Kit 06/12/24				7,409.00	7,409.00
Rotor Electric Company of Michigan	Invoice # 12767 Switchgear Battery Maintenance 05/24/24				2,303.25	2,303.25
Rotor Electric Company of Michigan	Invoice # 12768 P6 Motor Maintenance 05/23/24				1,816.48	1,816.48
Rotor Electric Company of Michigan	Invoice # 12769 P2 Motor Maintenance 06/16/23				1,816.48	1,816.48
Walsh Construction	Construction Estimate # 45 NESPS Pump & Electircal Upgrades Project		305,145.31			305,145.31
Z Contractors	Construction Estimate # 11 NI-EA contract #2A and 2B - PCI 18 and 19			254,698.74		254,698.74
Total Invoices/Reimbursements for Approval		14,038.07	540,620.02	314,749.43	345,884.39	1,215,291.91
* Less WRC Charges already paid from OMI Fund		(6,311.30)	(16,367.59)	0.00		(22,678.89)
Total Invoices/Reimbursements that will impact Cash Balance listed on Current Trial Balance submitted to OMI Drain Board		7,726.77	524,252.43	314,749.43	345,884.39	1,192,613.02

Agenda Item No. 13

Invoices

OMI Segment 5 NESP Mech - Elect Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -								5/18/2024	-	6/28/2024
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project		Activity
1131289	6/5/2024	5/28/2024	PUSCAS, JACK J	2.00	\$173.56	REGULAR	WRCADM	PRJ-13309		ENGINEERING
1131289	6/5/2024	5/20/2024	PUSCAS, JACK J	1.00	\$86.78	REGULAR	WRCADM	PRJ-13309		ENGINEERING
1131289	5/22/2024	5/14/2024	PUSCAS, JACK J	1.00	\$86.78	REGULAR	WRCADM	PRJ-13309		ENGINEERING
1131289	5/22/2024	5/13/2024	PUSCAS, JACK J	2.50	\$216.95	REGULAR	WRCADM	PRJ-13309		ENGINEERING
1131289	6/18/2024	6/10/2024	PUSCAS, JACK J	2.50	\$216.95	REGULAR	WRCADM	PRJ-13309		ENGINEERING
1131289	6/18/2024	6/3/2024	PUSCAS, JACK J	1.00	\$86.78	REGULAR	WRCADM	PRJ-13309		ENGINEERING
1131289	6/18/2024	6/11/2024	PUSCAS, JACK J	1.00	\$86.78	REGULAR	WRCADM	PRJ-13309		ENGINEERING
1131289	5/22/2024	5/6/2024	PUSCAS, JACK J	1.00	\$86.78	REGULAR	WRCADM	PRJ-13309		ENGINEERING
			PUSCAS, JACK J Total		\$1,041.36					
1050210	6/25/2024	6/20/2024	POUSHO, ROBERT	8.00	\$472.96	REGULAR	WRCCON	PRJ-13309		INSPECTION
1050210	6/25/2024	6/27/2024	POUSHO, ROBERT	8.00	\$472.96	REGULAR	WRCCON	PRJ-13309		INSPECTION
1050210	6/25/2024	6/25/2024	POUSHO, ROBERT	8.00	\$472.96	REGULAR	WRCCON	PRJ-13309		INSPECTION
1050210	6/25/2024	6/18/2024	POUSHO, ROBERT	9.00	\$532.08	REGULAR	WRCCON	PRJ-13309		INSPECTION
1050210	6/11/2024	6/13/2024	POUSHO, ROBERT	8.00	\$472.96	REGULAR	WRCCON	PRJ-13309		INSPECTION
1050210	6/11/2024	6/11/2024	POUSHO, ROBERT	8.00	\$472.96	REGULAR	WRCCON	PRJ-13309		INSPECTION
1050210	6/11/2024	6/6/2024	POUSHO, ROBERT	6.00	\$354.72	REGULAR	WRCCON	PRJ-13309		INSPECTION
1050210	6/11/2024	6/4/2024	POUSHO, ROBERT	8.00	\$472.96	REGULAR	WRCCON	PRJ-13309		INSPECTION
1050210	5/29/2024	5/30/2024	POUSHO, ROBERT	8.00	\$472.96	REGULAR	WRCCON	PRJ-13309		INSPECTION
1050210	5/29/2024	5/28/2024	POUSHO, ROBERT	8.00	\$472.96	REGULAR	WRCCON	PRJ-13309		INSPECTION
1050210	5/29/2024	5/23/2024	POUSHO, ROBERT	8.00	\$472.96	REGULAR	WRCCON	PRJ-13309		INSPECTION
1050210	5/29/2024	5/21/2024	POUSHO, ROBERT	8.00	\$472.96	REGULAR	WRCCON	PRJ-13309		INSPECTION
			POUSHO, ROBERT Total		\$5,616.40					
1094849	6/27/2024	6/6/2024	BROWN, JOEL	1.50	\$210.54	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1094849	6/27/2024	6/5/2024	BROWN, JOEL	1.50	\$210.54	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1094849	6/27/2024	6/3/2024	BROWN, JOEL	0.50	\$70.18	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1094849	6/25/2024	5/7/2024	BROWN, JOEL	5.00	\$701.80	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1094849	6/24/2024	5/28/2024	BROWN, JOEL	1.50	\$210.54	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1094849	6/24/2024	5/24/2024	BROWN, JOEL	0.50	\$70.18	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1094849	6/24/2024	5/20/2024	BROWN, JOEL	1.50	\$210.54	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1094849	6/24/2024	5/9/2024	BROWN, JOEL	3.50	\$491.26	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1094849	6/24/2024	5/8/2024	BROWN, JOEL	2.00	\$280.72	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1094849	6/24/2024	5/6/2024	BROWN, JOEL	3.00	\$421.08	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1094849	6/24/2024	5/17/2024	BROWN, JOEL	1.00	\$140.36	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1094849	6/24/2024	5/16/2024	BROWN, JOEL	2.00	\$280.72	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1094849	6/24/2024	5/15/2024	BROWN, JOEL	1.50	\$210.54	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1094849	6/24/2024	5/14/2024	BROWN, JOEL	1.00	\$140.36	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1094849	6/24/2024	5/13/2024	BROWN, JOEL	3.00	\$421.08	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1094849	6/24/2024	4/17/2024	BROWN, JOEL	8.00	\$1,122.88	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1094849	6/27/2024	6/14/2024	BROWN, JOEL	1.00	\$140.36	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1094849	6/27/2024	6/13/2024	BROWN, JOEL	3.00	\$421.08	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1094849	6/27/2024	6/12/2024	BROWN, JOEL	1.00	\$140.36	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1094849	6/27/2024	6/10/2024	BROWN, JOEL	1.00	\$140.36	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1094849	6/24/2024	4/16/2024	BROWN, JOEL	8.00	\$1,122.88	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1094849	6/24/2024	4/29/2024	BROWN, JOEL	2.00	\$280.72	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1094849	6/24/2024	5/3/2024	BROWN, JOEL	2.00	\$280.72	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1094849	6/24/2024	5/2/2024	BROWN, JOEL	2.00	\$280.72	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1094849	6/24/2024	5/1/2024	BROWN, JOEL	1.00	\$140.36	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1094849	6/24/2024	4/25/2024	BROWN, JOEL	4.00	\$561.44	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1094849	6/24/2024	4/22/2024	BROWN, JOEL	1.00	\$140.36	REGULAR	WRCCON	PRJ-13309		ENGINEERING
			BROWN, JOEL Total		\$8,842.68					
1255122	5/28/2024	5/29/2024	ROBERTOY, KATY	2.00	\$122.54	REGULAR	WRCCON	PRJ-13309		ADMINISTRATION
1255122	5/28/2024	5/30/2024	ROBERTOY, KATY	4.00	\$245.08	REGULAR	WRCCON	PRJ-13309		ADMINISTRATION
			ROBERTOY, KATY Total		\$367.62					
			Grand Total		\$15,868.06					

OMI Segment 5 NESP Mech - Elect Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -								5/18/2024	- 6/28/2024
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
1050210	5/29/2024	5/21/2024	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	5/29/2024	5/23/2024	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	5/29/2024	5/28/2024	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	5/29/2024	5/30/2024	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	6/11/2024	6/4/2024	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	6/11/2024	6/6/2024	POUSHO, ROBERT	6.00	\$2.40	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	6/11/2024	6/11/2024	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	6/11/2024	6/13/2024	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	6/25/2024	6/18/2024	POUSHO, ROBERT	9.00	\$3.60	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	6/25/2024	6/25/2024	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	6/25/2024	6/27/2024	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	6/25/2024	6/20/2024	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
			POUSHO, ROBERT Total		\$38.00				
1094849	6/24/2024	4/22/2024	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	6/24/2024	4/25/2024	BROWN, JOEL	4.00	\$1.60	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	6/24/2024	5/1/2024	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	6/24/2024	5/2/2024	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	6/24/2024	5/3/2024	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	6/24/2024	4/29/2024	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	6/24/2024	4/16/2024	BROWN, JOEL	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	6/27/2024	6/10/2024	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	6/27/2024	6/12/2024	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	6/27/2024	6/13/2024	BROWN, JOEL	3.00	\$1.20	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	6/27/2024	6/14/2024	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	6/24/2024	4/17/2024	BROWN, JOEL	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	6/24/2024	5/13/2024	BROWN, JOEL	3.00	\$1.20	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	6/24/2024	5/14/2024	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	6/24/2024	5/15/2024	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	6/24/2024	5/16/2024	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	6/24/2024	5/17/2024	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	6/24/2024	5/6/2024	BROWN, JOEL	3.00	\$1.20	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	6/24/2024	5/8/2024	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	6/24/2024	5/9/2024	BROWN, JOEL	3.50	\$1.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	6/24/2024	5/20/2024	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	6/24/2024	5/24/2024	BROWN, JOEL	0.50	\$0.20	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	6/24/2024	5/28/2024	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	6/25/2024	5/7/2024	BROWN, JOEL	5.00	\$2.00	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	6/27/2024	6/3/2024	BROWN, JOEL	0.50	\$0.20	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	6/27/2024	6/5/2024	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	6/27/2024	6/6/2024	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
			BROWN, JOEL Total		\$25.20				
1131289	5/22/2024	5/6/2024	PUSCAS, JACK J	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1131289	6/18/2024	6/11/2024	PUSCAS, JACK J	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1131289	6/18/2024	6/3/2024	PUSCAS, JACK J	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1131289	6/18/2024	6/10/2024	PUSCAS, JACK J	2.50	\$1.00	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1131289	5/22/2024	5/13/2024	PUSCAS, JACK J	2.50	\$1.00	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1131289	5/22/2024	5/14/2024	PUSCAS, JACK J	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1131289	6/5/2024	5/20/2024	PUSCAS, JACK J	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1131289	6/5/2024	5/28/2024	PUSCAS, JACK J	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
			PUSCAS, JACK J Total		\$4.80				
1255122	5/28/2024	5/30/2024	ROBERTOY, KATY	4.00	\$1.60	ASSIGNED	Cell Phone	PRJ-13309	ADMINISTRATION
1255122	5/28/2024	5/29/2024	ROBERTOY, KATY	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13309	ADMINISTRATION
			ROBERTOY, KATY Total		\$2.40				
1050210	5/29/2024	5/21/2024	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	5/29/2024	5/23/2024	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	5/29/2024	5/28/2024	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	5/29/2024	5/30/2024	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	6/11/2024	6/4/2024	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	6/11/2024	6/6/2024	POUSHO, ROBERT	6.00	\$14.04	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	6/11/2024	6/11/2024	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	6/11/2024	6/13/2024	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	6/25/2024	6/18/2024	POUSHO, ROBERT	9.00	\$21.06	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	6/25/2024	6/25/2024	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	6/25/2024	6/27/2024	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	6/25/2024	6/20/2024	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
			POUSHO, ROBERT Total		\$222.30				

1094849	6/24/2024	4/22/2024	BROWN, JOEL		1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	6/24/2024	4/25/2024	BROWN, JOEL		4.00	\$9.36	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	6/24/2024	5/1/2024	BROWN, JOEL		1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	6/24/2024	5/2/2024	BROWN, JOEL		2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	6/24/2024	5/3/2024	BROWN, JOEL		2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	6/24/2024	4/29/2024	BROWN, JOEL		2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	6/24/2024	4/16/2024	BROWN, JOEL		8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	6/27/2024	6/10/2024	BROWN, JOEL		1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	6/27/2024	6/12/2024	BROWN, JOEL		1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	6/27/2024	6/13/2024	BROWN, JOEL		3.00	\$7.02	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	6/27/2024	6/14/2024	BROWN, JOEL		1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	6/24/2024	4/17/2024	BROWN, JOEL		8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	6/24/2024	5/13/2024	BROWN, JOEL		3.00	\$7.02	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	6/24/2024	5/14/2024	BROWN, JOEL		1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	6/24/2024	5/15/2024	BROWN, JOEL		1.50	\$3.51	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	6/24/2024	5/16/2024	BROWN, JOEL		2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	6/24/2024	5/17/2024	BROWN, JOEL		1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	6/24/2024	5/6/2024	BROWN, JOEL		3.00	\$7.02	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	6/24/2024	5/8/2024	BROWN, JOEL		2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	6/24/2024	5/9/2024	BROWN, JOEL		3.50	\$8.19	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	6/24/2024	5/20/2024	BROWN, JOEL		1.50	\$3.51	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	6/24/2024	5/24/2024	BROWN, JOEL		0.50	\$1.17	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	6/24/2024	5/28/2024	BROWN, JOEL		1.50	\$3.51	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	6/25/2024	5/7/2024	BROWN, JOEL		5.00	\$11.70	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	6/27/2024	6/3/2024	BROWN, JOEL		0.50	\$1.17	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	6/27/2024	6/5/2024	BROWN, JOEL		1.50	\$3.51	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	6/27/2024	6/6/2024	BROWN, JOEL		1.50	\$3.51	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
			BROWN, JOEL Total			\$147.42				
1131289	5/22/2024	5/6/2024	PUSCAS, JACK J		1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1131289	6/18/2024	6/11/2024	PUSCAS, JACK J		1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1131289	6/18/2024	6/3/2024	PUSCAS, JACK J		1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1131289	6/18/2024	6/10/2024	PUSCAS, JACK J		2.50	\$5.85	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1131289	5/22/2024	5/13/2024	PUSCAS, JACK J		2.50	\$5.85	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1131289	5/22/2024	5/14/2024	PUSCAS, JACK J		1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1131289	6/5/2024	5/20/2024	PUSCAS, JACK J		1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1131289	6/5/2024	5/28/2024	PUSCAS, JACK J		2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
			PUSCAS, JACK J Total			\$28.08				
1255122	5/28/2024	5/30/2024	ROBERTOY, KATY		4.00	\$9.36	ASSIGNED	PC/Computer	PRJ-13309	ADMINISTRATION
1255122	5/28/2024	5/29/2024	ROBERTOY, KATY		2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13309	ADMINISTRATION
			ROBERTOY, KATY Total			\$14.04				
1094849	6/24/2024	4/22/2024	BROWN, JOEL		1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	6/24/2024	4/25/2024	BROWN, JOEL		4.00	\$1.00	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	6/24/2024	5/1/2024	BROWN, JOEL		1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	6/24/2024	5/2/2024	BROWN, JOEL		2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	6/24/2024	5/3/2024	BROWN, JOEL		2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	6/24/2024	4/29/2024	BROWN, JOEL		2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	6/24/2024	4/16/2024	BROWN, JOEL		8.00	\$2.00	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	6/27/2024	6/10/2024	BROWN, JOEL		1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	6/27/2024	6/12/2024	BROWN, JOEL		1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	6/27/2024	6/13/2024	BROWN, JOEL		3.00	\$0.75	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	6/27/2024	6/14/2024	BROWN, JOEL		1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	6/24/2024	4/17/2024	BROWN, JOEL		8.00	\$2.00	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	6/24/2024	5/13/2024	BROWN, JOEL		3.00	\$0.75	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	6/24/2024	5/14/2024	BROWN, JOEL		1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	6/24/2024	5/15/2024	BROWN, JOEL		1.50	\$0.38	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	6/24/2024	5/16/2024	BROWN, JOEL		2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	6/24/2024	5/17/2024	BROWN, JOEL		1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	6/24/2024	5/6/2024	BROWN, JOEL		3.00	\$0.75	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	6/24/2024	5/8/2024	BROWN, JOEL		2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	6/24/2024	5/9/2024	BROWN, JOEL		3.50	\$0.88	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	6/24/2024	5/20/2024	BROWN, JOEL		1.50	\$0.38	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	6/24/2024	5/24/2024	BROWN, JOEL		0.50	\$0.13	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	6/24/2024	5/28/2024	BROWN, JOEL		1.50	\$0.38	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	6/25/2024	5/7/2024	BROWN, JOEL		5.00	\$1.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	6/27/2024	6/3/2024	BROWN, JOEL		0.50	\$0.13	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	6/27/2024	6/5/2024	BROWN, JOEL		1.50	\$0.38	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	6/27/2024	6/6/2024	BROWN, JOEL		1.50	\$0.38	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
			BROWN, JOEL Total			\$15.79				
1255122	5/28/2024	5/30/2024	ROBERTOY, KATY		4.00	\$1.00	ASSIGNED	Tablet/iPad	PRJ-13309	ADMINISTRATION

1255122	5/28/2024	5/29/2024	ROBERTOY, KATY	2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ADMINISTRATION
			ROBERTOY, KATY Total		\$1.50				
			Grand Total		\$499.53				

OMI Segment 5 NI-EA Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -								5/18/2024	- 6/28/2024
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
1094815	6/27/2024	6/12/2024	BROWN, JOEL	1.00	\$140.36	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	6/27/2024	6/11/2024	BROWN, JOEL	1.50	\$210.54	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	6/27/2024	6/10/2024	BROWN, JOEL	1.00	\$140.36	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	6/27/2024	6/7/2024	BROWN, JOEL	3.00	\$421.08	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	6/27/2024	6/4/2024	BROWN, JOEL	1.00	\$140.36	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	6/24/2024	5/28/2024	BROWN, JOEL	1.50	\$210.54	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	6/24/2024	5/15/2024	BROWN, JOEL	1.50	\$210.54	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	6/24/2024	5/13/2024	BROWN, JOEL	2.50	\$350.90	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	6/24/2024	5/7/2024	BROWN, JOEL	1.00	\$140.36	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	6/24/2024	5/6/2024	BROWN, JOEL	1.00	\$140.36	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	6/24/2024	5/3/2024	BROWN, JOEL	2.00	\$280.72	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	6/24/2024	4/30/2024	BROWN, JOEL	1.50	\$210.54	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	6/24/2024	4/29/2024	BROWN, JOEL	2.00	\$280.72	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	6/24/2024	4/26/2024	BROWN, JOEL	2.50	\$350.90	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	6/24/2024	4/25/2024	BROWN, JOEL	2.00	\$280.72	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	6/24/2024	4/23/2024	BROWN, JOEL	0.50	\$70.18	REGULAR	WRCCON	PRJ-13308	ENGINEERING
			BROWN, JOEL Total		\$3,579.18				
1208707	6/18/2024	6/13/2024	COOK, JENNIFER	1.00	\$107.34	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1208707	6/18/2024	6/11/2024	COOK, JENNIFER	0.50	\$53.67	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1208707	6/18/2024	6/10/2024	COOK, JENNIFER	2.50	\$268.35	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1208707	6/7/2024	6/5/2024	COOK, JENNIFER	1.00	\$107.34	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1208707	6/7/2024	6/4/2024	COOK, JENNIFER	1.00	\$107.34	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1208707	6/7/2024	5/31/2024	COOK, JENNIFER	1.00	\$107.34	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1208707	6/7/2024	5/29/2024	COOK, JENNIFER	1.00	\$107.34	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1208707	6/7/2024	5/28/2024	COOK, JENNIFER	3.00	\$322.02	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1208707	6/7/2024	5/23/2024	COOK, JENNIFER	1.00	\$107.34	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1208707	6/7/2024	5/21/2024	COOK, JENNIFER	1.00	\$107.34	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1208707	5/22/2024	5/15/2024	COOK, JENNIFER	3.00	\$322.02	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1208707	5/22/2024	5/14/2024	COOK, JENNIFER	2.00	\$214.68	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1208707	5/22/2024	5/13/2024	COOK, JENNIFER	3.00	\$322.02	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1208707	5/22/2024	5/6/2024	COOK, JENNIFER	1.50	\$161.01	REGULAR	WRCADM	PRJ-13308	ENGINEERING
			COOK, JENNIFER Total		\$2,415.15				
1131284	5/22/2024	5/14/2024	PUSCAS, JACK J	1.00	\$86.78	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1131284	5/22/2024	5/15/2024	PUSCAS, JACK J	1.00	\$86.78	REGULAR	WRCADM	PRJ-13308	ENGINEERING
			PUSCAS, JACK J Total		\$173.56				
			Grand Total		\$6,167.89				

OMI Segment 5 NI-EA Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -								5/18/2024	- 6/28/2024
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
1094815	6/24/2024	4/23/2024	BROWN, JOEL	0.50	\$0.20	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	6/24/2024	4/25/2024	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	6/24/2024	4/26/2024	BROWN, JOEL	2.50	\$1.00	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	6/24/2024	4/29/2024	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	6/24/2024	4/30/2024	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	6/24/2024	5/3/2024	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	6/24/2024	5/6/2024	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	6/24/2024	5/7/2024	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	6/24/2024	5/13/2024	BROWN, JOEL	2.50	\$1.00	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	6/24/2024	5/15/2024	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	6/24/2024	5/28/2024	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	6/27/2024	6/4/2024	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	6/27/2024	6/7/2024	BROWN, JOEL	3.00	\$1.20	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	6/27/2024	6/10/2024	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	6/27/2024	6/11/2024	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	6/27/2024	6/12/2024	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
			BROWN, JOEL Total		\$10.20				
1131284	5/22/2024	5/15/2024	PUSCAS, JACK J	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1131284	5/22/2024	5/14/2024	PUSCAS, JACK J	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
			PUSCAS, JACK J Total		\$0.80				
1208707	5/22/2024	5/6/2024	COOK, JENNIFER	1.50	\$0.60	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	5/22/2024	5/13/2024	COOK, JENNIFER	3.00	\$1.20	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	5/22/2024	5/14/2024	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	5/22/2024	5/15/2024	COOK, JENNIFER	3.00	\$1.20	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	6/7/2024	5/21/2024	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	6/7/2024	5/23/2024	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	6/7/2024	5/28/2024	COOK, JENNIFER	3.00	\$1.20	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	6/7/2024	5/29/2024	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	6/7/2024	5/31/2024	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	6/7/2024	6/4/2024	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	6/7/2024	6/5/2024	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	6/18/2024	6/10/2024	COOK, JENNIFER	2.50	\$1.00	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	6/18/2024	6/11/2024	COOK, JENNIFER	0.50	\$0.20	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	6/18/2024	6/13/2024	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
			COOK, JENNIFER Total		\$9.00				
1094815	6/24/2024	4/23/2024	BROWN, JOEL	0.50	\$1.17	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	6/24/2024	4/25/2024	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	6/24/2024	4/26/2024	BROWN, JOEL	2.50	\$5.85	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	6/24/2024	4/29/2024	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	6/24/2024	4/30/2024	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	6/24/2024	5/3/2024	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	6/24/2024	5/6/2024	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	6/24/2024	5/7/2024	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	6/24/2024	5/13/2024	BROWN, JOEL	2.50	\$5.85	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	6/24/2024	5/15/2024	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	6/24/2024	5/28/2024	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	6/27/2024	6/4/2024	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	6/27/2024	6/7/2024	BROWN, JOEL	3.00	\$7.02	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	6/27/2024	6/10/2024	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	6/27/2024	6/11/2024	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	6/27/2024	6/12/2024	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
			BROWN, JOEL Total		\$59.67				
1131284	5/22/2024	5/15/2024	PUSCAS, JACK J	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1131284	5/22/2024	5/14/2024	PUSCAS, JACK J	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
			PUSCAS, JACK J Total		\$4.68				
1208707	5/22/2024	5/6/2024	COOK, JENNIFER	1.50	\$3.51	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	5/22/2024	5/13/2024	COOK, JENNIFER	3.00	\$7.02	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	5/22/2024	5/14/2024	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	5/22/2024	5/15/2024	COOK, JENNIFER	3.00	\$7.02	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	6/7/2024	5/21/2024	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	6/7/2024	5/23/2024	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	6/7/2024	5/28/2024	COOK, JENNIFER	3.00	\$7.02	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	6/7/2024	5/29/2024	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	6/7/2024	5/31/2024	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	6/7/2024	6/4/2024	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	6/7/2024	6/5/2024	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING

1208707	6/18/2024	6/10/2024	COOK, JENNIFER	2.50	\$5.85	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	6/18/2024	6/11/2024	COOK, JENNIFER	0.50	\$1.17	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	6/18/2024	6/13/2024	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
			COOK, JENNIFER Total		\$52.65				
1094815	6/24/2024	4/23/2024	BROWN, JOEL	0.50	\$0.13	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	6/24/2024	4/25/2024	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	6/24/2024	4/26/2024	BROWN, JOEL	2.50	\$0.63	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	6/24/2024	4/29/2024	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	6/24/2024	4/30/2024	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	6/24/2024	5/3/2024	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	6/24/2024	5/6/2024	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	6/24/2024	5/7/2024	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	6/24/2024	5/13/2024	BROWN, JOEL	2.50	\$0.63	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	6/24/2024	5/15/2024	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	6/24/2024	5/28/2024	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	6/27/2024	6/4/2024	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	6/27/2024	6/7/2024	BROWN, JOEL	3.00	\$0.75	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	6/27/2024	6/10/2024	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	6/27/2024	6/11/2024	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	6/27/2024	6/12/2024	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
			BROWN, JOEL Total		\$6.41				
			Grand Total		\$143.41				



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

6/5/2024

Project Invoice # 63 (ASI Inv. 8775)

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: 4/28/24-5/25/24

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#4133 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>

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>

Task No.	Task Description	Total This Invoice
5	Construction Services	
	Total:	\$ 25,791.00
	Subconsultants:	
	NTH Consultants	\$ 33,381.61
	Metco Services	\$ 8,630.00
	FK Engineering:	\$ 3,947.00
	ASI Markup 5%:	\$ 2,297.93
	Direct Expenses:	\$ -
	Total Due This Invoice:	<u>\$ 74,047.54</u>
	Previous Amount Invoiced:	

84917-149015-730639-1-3309-
engcon

7/11/2024

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

Summary		
Total Due This Invoice Tasks #1-6:		\$ 74,047.54
Amount Invoiced to Date Tasks #1-6:		\$ 5,299,338.05
Total Due This Invoice MCC Incident (separate invoice):		\$ 613.10
Amount Invoiced to date for MCC Incident (separate invoice):		\$ 67,329.41
Total Due This Invoice Pump Issues (separate invoice):		\$ 1,896.50
Amount Invoiced to date for Pump Issues (separate invoice):		\$ 25,559.00
Total Invoiced To-Date:		\$ 5,392,226.45
Original Contract Task Total:		\$ 4,198,380.00
Additional Budget-Task 5:		\$ 284,076.60
Additional Budget-Task 5a:		\$ 1,513,301.00
Additional Budget-Task 6:		\$ 220,326.00
Current Contract Task Total:		\$ 6,216,083.60
Amount Remaining:		<u>\$ 823,857.15</u>



Applied Science, Inc.

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Phone: (313) 567-3990 Fax: (313) 567-3750

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6/5/2024

Project Invoice #63A (ASI Inv. 8777)

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)

Task - MCC Incident

84917-149015-730520-1-3309- engcon-li 4133 v#4352

Invoice Period: 4/28/24-5/25/24

7/11/2024

<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		\$ 583.90			\$ 583.90
Subconsultant:METCO		\$ -			\$ -
		\$ 583.90			\$ 583.90
ASI Markup 5%		\$ 29.20			\$ 29.20
Direct Expenses (receipts attached):		\$ -			\$ -
Total This Invoice:		\$ 613.10			\$ 613.10
Previous Amount Invoiced:		\$ 66,716.31			\$ 66,716.31
Total Invoiced To Date:		\$ 67,329.41			\$ <u>67,329.41</u>



Applied Science, Inc.

21455 Melrose Ave. Bldg R Suite 12 Southfield, MI 48075

Phone: (313) 567-3990 Fax: (313) 567-3750

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6/5/2024

Project Invoice #63B (ASI Inv. 8776)

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)

Task - Pump Issues

84917-149015-730639-1-3309-
engcon

Invoice Period: 4/28/24-5/25/24

7/11/2024

<u>Employee</u>	<u>Job Classification</u>	<u>Pump Issues Incident</u>	<u>Total Hours</u>	<u>Direct Labor Rate</u>	<u>Total</u>
John Michalski	Sr. Project Manager	6.0	6.0	\$ 185.00	\$ 1,110.00
Doria Herold-Jackson	CADD	6.5	6.5	\$ 121.00	\$ 786.50
Total Labor:		\$ 1,896.50			\$ 1,896.50
Total This Invoice:		\$ 1,896.50			\$ 1,896.50
Previous Amount Invoiced:		\$ 23,662.50			\$ 23,662.50
Total Invoiced To Date:		\$ 25,559.00			\$ 25,559.00



Applied Science, Inc.

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7/2/2024

Project Invoice # 64 (ASI Inv. 8806)

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: 5/26/24-6/29/24

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#4133 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>

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>

Task No.	Task Description	Total This Invoice
5	Construction Services	
	Total:	\$ 31,490.00
	Subconsultants:	
	NTH Consultants	\$ 29,178.30
	Metco Services	\$ 7,250.00
	FK Engineering:	\$ 4,778.50
	ASI Markup 5%:	\$ 2,060.34
	Direct Expenses:	\$ 789.16
	Total Due This Invoice:	<u>\$ 75,546.30</u>
	Previous Amount Invoiced:	

84917-149015-730639-1-3309-
engcon

7/11/2024

Task No.	Task Description	Total This Invoice
6	Control Structure Rehab	
	Total:	\$ -
	Subconsultants:	
	NTH Consultants	\$ 498.42
	ASI Markup 5%:	\$ 24.92
	Direct Expenses:	\$ -
	Total Due This Invoice:	<u>\$ 523.34</u>

82912-149667-730639-
PRJ-17060 engcon

Summary		
Total Due This Invoice Tasks #1-6:		\$ 76,069.64
Amount Invoiced to Date Tasks #1-6:		\$ 5,375,407.69
Total Due This Invoice MCC Incident (separate invoice):		\$ 102.19
Amount Invoiced to date for MCC Incident (separate invoice):		\$ 67,431.59
Total Due This Invoice Pump Issues (separate invoice):		\$ 121.00
Amount Invoiced to date for Pump Issues (separate invoice):		\$ 25,680.00
Total Invoiced To-Date:		\$ 5,468,519.28
Original Contract Task Total:		\$ 4,198,380.00
Additional Budget-Task 5:		\$ 284,076.60
Additional Budget-Task 5a:		\$ 1,513,301.00
Additional Budget-Task 6:		\$ 220,326.00
Current Contract Task Total:		\$ 6,216,083.60
Amount Remaining:		<u>\$ 747,564.32</u>

7/11/2024



Applied Science, Inc.

21455 Melrose Ave. Bldg R Suite 12 Southfield, MI 48075

Phone: (313) 567-3990 Fax: (313) 567-3750

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7/2/2024

Project Invoice #64A (ASI Inv. 8808)

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)

Task - MCC Incident

84917-149015-730520-1-3309- engcon-li 4133 v#4352

Invoice Period: 5/26/24-6/29/24

7/11/2024

<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		\$ 97.32			\$ 97.32
Subconsultant:METCO		\$ -			\$ -
		\$ 97.32			\$ 97.32
ASI Markup 5%		\$ 4.87			\$ 4.87
Direct Expenses (receipts attached):		\$ -			\$ -
Total This Invoice:		\$ 102.19			\$ 102.19
Previous Amount Invoiced:		\$ 67,329.41			\$ 67,329.41
Total Invoiced To Date:		\$ 67,431.59			\$ <u>67,431.59</u>



Applied Science, Inc.

21455 Melrose Ave. Bldg R Suite 12 Southfield, MI 48075

Phone: (313) 567-3990 Fax: (313) 567-3750

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7/2/2024

Project Invoice #64B (ASI Inv. 8807)

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)

Task - Pump Issues

**84917-149015-730639-1-3309-
engcon**

Invoice Period: 5/26/24-6/29/24

7/11/2024

<u>Employee</u>	<u>Job Classification</u>	<u>Pump Issues Incident</u>	<u>Total Hours</u>	<u>Direct Labor Rate</u>	<u>Total</u>
Doria Herold-Jackson	CADD	1.0	1.0	\$ 121.00	\$ 121.00
Total Labor:		\$ 121.00			\$ 121.00
Total This Invoice:		\$ 121.00			\$ 121.00
Previous Amount Invoiced:		\$ 25,559.00			\$ 25,559.00
Total Invoiced To Date:		\$ 25,680.00			<u><u>\$ 25,680.00</u></u>



Oakland County Water Resources Commissioner, MI
One Public Works Drive
Waterford, MI 48328-1907
WRClegalinvoices@oakgov.com
lajdziaks@oakgov.com

Invoice: 1446761
Date: 06/13/2024
Client: 30164
Matter: 490169

**84917-6010101-149015-731073-2603- 1-3308-LEGAL - Ch. 21 -
CON9318**

A handwritten signature in black ink, appearing to read 'Jal An'.

7/11/2024

Matter Name: North Interceptor East Arm

LEGAL SERVICES RENDERED AND COSTS ADVANCED THROUGH MAY 31, 2024

Total Fees:	\$	3,672.00
Total Due This Invoice:	\$	3,672.00

MK 6/17/24



Oakland County Water Resources Commissioner, MI
One Public Works Drive
Waterford, MI 48328-1907
WRClegalinvoices@oakgov.com
lajdziaks@oakgov.com

Invoice: 1446763
Date: 06/13/2024
Client: 30164
Matter: 463149

84917-6010101-149015-731073-1-3309
-LEGAL - Ch. 21 - CON9318

Matter Name: Construction Dispute - Walsh Construction

A handwritten signature in black ink, appearing to read 'Jed P.'.

7/11/2024

LEGAL SERVICES RENDERED AND COSTS ADVANCED THROUGH MAY 31, 2024

Total Fees:	\$	867.00
Total Due This Invoice:	\$	867.00

MK
6/17/24



1235 Holden Ave
Milford Charter Twp, MI 48381
(248) 302-2078

Bill To

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

**82912-6010101-149090-730660-8637 - Ch.
21 - v #15750 - li #44348**

7/11/2024

CUSTOMER NAME
OMIDD

PROPERTY NAME
OMIDD - Detroit NESPS- 11001

PROPERTY ADDRESS
11001 E State Fair Ave
Detroit, MI 48234

AUTHORIZED BY

CUSTOMER WO
01176

NTE

Invoice Summary

Facility Supply, Exhaust Fans & MAU, VFD's not running in Auto Mode

Project Management Labor 2 Hours @ 111.00 = \$222.00
Sub - Green Building Automation \$5486.00 * 1.1. = \$6,034.60

Total = \$6256.60

Labor **\$222.00**

Parts & Materials **\$6,034.60**

Invoice 3488	Jun 20, 2024
Job Number	2090
PO Number	01176
Payment Terms	AIA 45
Total Due	\$6,256.60
Due Date	Aug 4, 2024

Subtotal	\$6,256.60
Service Fees	\$0.00
Discount	\$0.00
Subtotal After Discount/Fees	\$6,256.60
Taxable Subtotal	\$0.00
Sales Tax Rate	0%
Tax Amount	\$0.00
Total	\$6,256.60
Amount Paid	\$0.00
Balance	\$6,256.60

TM-6-20-24



1235 Holden Ave
Milford Charter Twp, MI 48381
(248) 302-2078

Bill To

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

**82912-6010101-149090-730660-8637 - Ch.
21 - v #15750 - li #44348**

John A.

7/11/2024

CUSTOMER NAME

OMIDD

PROPERTY NAME

OMIDD - Detroit NESPS- 11001

PROPERTY ADDRESS

11001 E State Fair Ave
Detroit, MI 48234

AUTHORIZED BY

CUSTOMER WO

01071

NTE

Invoice 3508

Jun 25, 2024

Job Number

2053

PO Number

01071

Payment Terms

AIA 45

Total Due

\$4,430.90

Due Date

Aug 9, 2024

Invoice Summary

Scope of Work:

1. Repair of Bio-Trickling Filter - Isolation Damper Fitting.
2. Measurement and recording of shaft/linkage variance.
3. Fabrication of two shaft brackets with threaded rod and counterweight.

Resolution:

1. Controls Department: Shaft/Linkage variance measurements (latitude and longitude) were taken and recorded by M. Kowalski.
2. Mechanical Service Department: Fabrication of two shaft brackets with threaded rod and counterweight was completed in the shop using 304 stainless steel material. The final product specifications and images are attached. The fabrication was completed by the deadline of June 12th, with materials provided by Ryan.

Materials Cost

Pro-Mec \$2,380.00 with 10% Markup = \$2,618.00

McMaster Carr - \$114.52 with 15% Markup = \$131.70

Stainless Steel Rod from inventory - \$28 with 15% Markup = 32.20

Truck Charge = \$95.00

Total Parts and Materials= \$2,876.90

TM-7-1-24

Labor

Date	Labor Name	Description	Taxable	Hours	Rate	Price Subtotal
May 3, 2024	Labor	Mark Kowalski - May 3, 2024 - Labor	No	8	\$111.00	\$888.00
May 3, 2024	Labor	Ryan Machusak - May 3, 2024 - Labor	No	4	\$111.00	\$444.00
Jun 3, 2024	Labor	David McNeely - June 3, 2024 - Labor	No	2	\$111.00	\$222.00
				<u>14</u>		<u>\$1,554.00</u>

Parts & Materials



1235 Holden Ave
Milford Charter Twp, MI 48381
(248) 302-2078

Bill To

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

**82912-6010101-149090-730660-8637 - Ch.
21 - v #15750 - li #44348**

7/11/2024

CUSTOMER NAME
OMIDD

PROPERTY NAME
OMIDD - Detroit NESPS- 11001

PROPERTY ADDRESS
11001 E State Fair Ave
Detroit, MI 48234

AUTHORIZED BY

CUSTOMER WO
01176

NTE

Invoice Summary

Facility Supply, Exhaust Fans and MAU, VFD's not running in Auto Mode

Invoice 2 of 2 Green Building Bill - Work on Dampers

Green Building = \$460.00 at 10% Mark up = \$506.

Item Name	Description	Quantity	Unit Price	Price Subtotal
Subcontract	OMIDD SERVICE ON 4/26/2024 @ 8:30 AM - WORK ON DAMPERS	2	\$170.50	\$341.00
Subcontract	TRUCK CHARGE	1	\$165.00	\$165.00
		<u>3</u>		<u>\$506.00</u>

Subtotal	\$506.00
Taxable Subtotal	\$0.00
Sales Tax Rate	0%
Tax Amount	\$0.00
Total	\$506.00

TM-7-1-24



W/O 1095

1235 Holden Ave
Milford Charter Twp, MI 48381
(248) 302-2078

Bill To

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

Invoice 3513

Jun 26, 2024

Job Number 1802
PO Number NEXGEN 01095
Payment Terms AIA 45

Total Due

\$13,598.16

Due Date

Aug 10, 2024

**82912-6010101-149090-730660-8637 - Ch.
21 - v #15750 - li #44348**

7/11/2024

CUSTOMER NAME

OMIDD

PROPERTY NAME

OMIDD - Detroit NESPS- 11001

PROPERTY ADDRESS

11001 E State Fair Ave
Detroit, MI 48234

AUTHORIZED BY

CUSTOMER WO

NTE

\$5,731.00

Invoice Summary

Scope of Work:

1. Removal and replacement of O2 sensors and relays at OMIDDD - Detroit Pump Station by MSA Safety.
2. Replacement of (2) O2 sensors at the OMIDDD Boi Trickling facility.

Resolution:

1. Installed two new MSA Sensor Cabinets.
2. Installed (2) new N02 sensors, drilled holes, added mounting hardware, and mounted sensors.
3. Added tubing and fittings.

Billing Materials

Exotic Automation & Supply = \$61.20
Exotic Automation & Supply = \$36.25
MSA Safety = \$5,371.97
Amazon = \$16.94
Amazon = \$13.77
Home Depot = \$45.23

Total = \$5,545.36

Total with 15% Markup = \$6,377.16

Billing Subcontract

Green Building Automation = \$3,970.00
Total = \$3,970.00
Total with 10% Markup = \$4,367.00

2 Truck Charges = \$190.00

Total Materials, Truck Charges, and Subcontract = 10,934.16

TM-7-1-24

Item Name	Description	Quantity	Unit Price	Price Subtotal
Labor	Mark Kowalski - May 10, 2024 - Labor	16	\$111.00	\$1,776.00



Knowledgeable • Professional • Attentive • Likeable

29770 Hudson Drive Novi, MI 48377
Phone: (586) 978-7200
hesco-mi.com

WO 1150

Invoice No. 242298

Date: 05/08/2024

Billed To: OMID Drainage District
1 Public Works Drive
Waterford MI 48328

82912-149130-730660-8638-Ch. 21- v#3091- exp 6/30/25 -
li#42703

7/11/2024

Client ID: 669
Contract ID: 5819
HESCO Project 2019807S OMID Flow Control Structures

Contact: Terry Moore P.O.# WO# 1150 CS-5 Salesperson: Kevin Livingston Due Date: 06/07/2024

Description	Unit	Quantity	Price	Amount
WO# 1150 CS-5, April 17, 2024				
Senior Tech	Hours	8.00	195.00	1,560.00
Tech 1	Hours	8.00	185.00	1,480.00
Tech 2	Hours	8.00	175.00	1,400.00
Senior Tech-OT	Hours	2.25	292.50	658.13
Tech 1-OT	Hours	2.75	277.50	763.13
Tech 2-OT	Hours	0.50	262.50	131.25
Ventilation Support (Subcontracted) 1 Day	Day	1.00	2,887.50	2,887.50
Daily Rate=2,750+5% markup				

Notes:

TM-7-1-24

ACH PAYMENTS:
HESCO GROUP LLC
Bell Bank
3100 13th Avenue South
Fargo, ND 58103
Account# 6521465341
ABA (Routing #) 091310521
SWIFT Code BSTTUS44

ACH/EFT Remittance:
ap@hesco-mi.com
Remittance Checks To:
HESCO Group LLC
29770 Hudson Drive
Novi, MI 48377

Credit Card Payment:
Please call Receivables
1-586-978-7200 ext 101
OUR TAX ID HAS CHANGED!
EIN: 93-3969817

Non-Taxable Amount	8,880.01
Taxable Amount	0.00
Sales Tax	0.00
Total Invoice	8,880.01
Retention	0.00
Payments/Credits	0.00
Amount Due	8,880.01

LARDNER ELEVATOR

WO
1237

729 Meldrum, Detroit, MI 48207
Phone: (313) 568-1600 Fax: (313) 568-0488

Pay invoices online at www.lardnerelevator.com

INVOICE

200970

Bill To:



Oakland Macomb Interceptor Drain Drainage District
1 Public Works Drive
dbgreen@metcoservices.com
tmoore@metcoservices.com
Waterford, MI 48328

Account: Northeast Pump Station
11001 E. State Fair
Detroit, MI 48234

Account #: 00-6642-2

Joel T...

7/11/2024

82912-6010101-149090-730660-Ch. 21

Apr 10, 2024

Net 30 Days

Detroit Route

4790

200970

LECO

Repair

2.00	Mechanic R/T - #275	No	Each	254.00	\$508.00
2.00	Helper R/T - #229	No	Each	214.00	\$428.00
37.00	Mileage - #275 & 229	No	Each	1.00	\$37.00

4/5/2024 TT# 192363 & 192364 E# 8944
Bad door lock contact. Cleaned all contacts. Returned to service.

TM-6-24-24

\$0.00

\$973.00

\$973.00

\$0.00

\$973.00

Page 1

Rev. 02/16/2024

PLEASE DETACH THIS PORTION AND RETURN WITH PAYMENT



Lardner Elevator Company
729 Meldrum
Detroit, MI 48207

Account # 00-6642-2
Northeast Pump Station

Invoice # 200970

Amount \$ 973.00

Paid

\$

Paid



729 Meldrum, Detroit, MI 48207
Phone: (313) 568-1600 Fax: (313) 568-0488

Pay invoices online at www.lardnerelevator.com

INVOICE

201424

Bill To:

██████████

Oakland Macomb Interceptor Drain Drainage District
1 Public Works Drive
dbgreen@metcoservices.com
tmoore@metcoservices.com
Waterford, MI 48328

Account:

Northeast Pump Station
11001 E. State Fair
Detroit, MI 48234

Account #:

00-6642-2

Jack Am

7/11/2024

82912-6010101-149090-730660-Ch. 21

May 01, 2024	Upon Receipt	Detroit Route	4746
201424		LECO	Maintenance

Description					
1.00	Elevator Maintenance Service for May, 2024	No	Each	204.00	\$204.00
Elevator Maintenance Service for May, 2024					
<i>TM-6-17-24</i>					\$0.00
					\$204.00
					\$204.00
					\$0.00
					\$204.00

Page 1

Rev. 02/18/2024

PLEASE DETACH THIS PORTION AND RETURN WITH PAYMENT



Lardner Elevator Company
729 Meldrum
Detroit, MI 48207

Account # 00-6642-2
Northeast Pump Station

Invoice # 201424

Amount \$ 204.00

Paid

\$



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

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

**84917-149015-730940-8196-1-3309-
Ch. 21- v#683 Exp 6/1/26**

7/11/2024

Invoice # 12928	Page 1 of 1
Account Number	Date
OAKLINT-01	7/8/2024
BALANCE DUE ON	
8/8/2024	
AMOUNT PAID	Amount Due
	\$46,410.00

Payment Methods:

ACH/Wire Information

Bank of America

Acct Name: Meadowbrook Inc.

Acct Number: 5401978514

ACH: Acct ABA #: 071000039

Wire: Acct ABA #: 026009593

Mail and Make Checks Payable to:

Meadowbrook Insurance Agency

16142 Collection Center Drive
Chicago, IL 60693-0002

Construction Safety Consultant Services

Policy Number OCIPNESPSADMIN23

Effective: 9/20/2023 to 9/20/2024

Item #	Trans Eff Date	Due Date	Trans	Description	Amount
676729	9/20/2023	8/8/2024	RENB	Final of 4 Quarterly Installments	\$46,410.00

Total Invoice Balance: \$46,410.00

Payment due upon receipt.



12835 Stephens Road · Warren · Michigan · 48089 · (586) 920-2620 · Fax (586) 510-4433

INVOICE NO. 1811-66

DATE: July 1, 2024

METCO PROJECT NO. 1811

INVOICE PERIOD: 6/3/4 thru 6/30/24

Contract ID 0000000000000000000005517

Vendor ID 0000020486

TO: OMIDD

Water Resources Commissioner

One Public Works Drive

Waterford, MI 48328

Attn: Joel Brown, P.E.

Chief Engineer-Construction Projects Unit

TITLE: OMID & NESPS Operation and Maintenance

Operational Plan

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

Joel Brown

7/11/2024

Name	Title	Hrs.	Rate/Hr.	Amount
Raj Vijayendran, PE	Principal Engineer	0.0	\$ 225.75	\$ -
Terry Moore	Operations Manager	40.0	\$ 162.00	\$ 6,480.00
Terry Moore	Operations Manager (Overti	0.0	\$ 204.75	\$ -
Darrin Green	Staff Engineer	32.0	\$ 102.00	\$ 3,264.00
Darrin Green	Staff Engineer-(Overtime)	2.0	\$ 153.00	\$ 306.00
Anthony Vozza	Staff Engineer	72.0	\$ 102.00	\$ 7,344.00
Anthony Vozza	Staff Engineer-(Overtime)	0.0	\$ 153.00	\$ -
Rosana Santos	Administrative Assoc.	0.0	\$ 73.79	\$ -
Subtotal OMID Operatons:			\$	17,394.00

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

Joel Brown

7/11/2024

Name	Title	Hrs.	Rate/Hr.	Amount
Raj Vijayendran, PE	Principal Engineer	8.0	\$ 225.75	\$ 1,806.00
Terry Moore	Operations Manager	42.0	\$ 162.00	\$ 6,804.00
Terry Moore	Operations Manager (Overti	18.0	\$ 204.75	\$ 3,685.50
Darrin Green	Staff Engineer	40.0	\$ 102.00	\$ 4,080.00
Darrin Green	Staff Engineer-(Overtime)	0.0	\$ 153.00	\$ -
Anthony Vozza	Staff Engineer	0.0	\$ 102.00	\$ -
Anthony Vozza	Staff Engineer-(Overtime)	0.0	\$ 153.00	\$ -
Rosana Santos	Administrative Assoc.	4.0	\$ 77.48	\$ 309.92
Subtotal NEPS Operations			\$	16,685.42

Subtotal Operations \$ 34,079.42

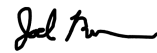
Maintenance & Asset Management

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

Joel Brown

7/11/2024

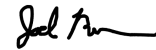
Name	Title	Hrs.	Rate/Hr.	Amount
Terry Moore	Operations Manager	40.0	\$ 162.00	\$ 6,480.00
Terry Moore	Operations Manager (Overti	1.0	\$ 204.75	\$ 204.75
Daniel Martel	Sr. Project Coordinator	0.0	\$ 152.25	\$ -
Shailesh Patel	Sr. Project Engineer	0.0	\$ 152.25	\$ -
Anthony Vozza	Staff Engineer	0.0	\$ 102.00	\$ -
Anthony Vozza	Staff Engineer-(Overtime)	0.0	\$ 153.00	\$ -
Darrin Green	Staff Engineer	0.0	\$ 102.00	\$ -
Darrin Green	Staff Engineer-(Overtime)	0.0	\$ 153.00	\$ -
Sweta Soni	Designer/Drafter	0.0	\$ 101.00	\$ -
Youstina Gaid	Drafter	0.0	\$ 101.00	\$ -
Subtotal OMID Maintenance:			\$	6,684.75



7/11/2024

Name	Title	Hrs.	Rate/Hr.	Amount
Raj Vijayendran, PE	Principal Engineer	8.0	\$ 225.75	\$ 1,806.00
Terry Moore	Operations Manager	40.0	\$ 162.00	\$ 6,480.00
Terry Moore	Operations Manager (Overti	0.0	\$ 204.75	\$ -
Daniel Martel	Sr. Project Coordinator	0.0	\$ 152.25	\$ -
Sean Grant	Sr. Project Engineer	0.0	\$ 152.25	\$ -
Travis Ford	Sr. Project Engineer	0.0	\$ 152.25	\$ -
Shailesh Patel	Sr. Project Engineer	0.0	\$ 152.25	\$ -
Darrin Green	Staff Engineer	88.0	\$ 102.00	\$ 8,976.00
Darrin Green	Staff Engineer-(Overtime)	8.0	\$ 153.00	\$ 1,224.00
Anthony Vozza	Staff Engineer	72.0	\$ 102.00	\$ 7,344.00
Anthony Vozza	Staff Engineer-(Overtime)	11.5	\$ 153.00	\$ 1,759.50
Abhishek Shah	Staff Engineer	0.0	\$ 102.00	\$ -
Sweta Soni	Designer/Drafter	9.0	\$ 101.00	\$ 909.00
Keli Mills	Administrative Assoc.	0.0	\$ 77.48	\$ -
Subtotal:				\$ 28,498.50
Maintenance Services (see attached invoices):				\$ 2,371.88
Subtotal NEPS Maintenance:				\$ 30,870.38

Subtotal Maintenance: \$ 37,555.13



7/11/2024

Name	Title	Hrs.	Rate/Hr.	Amount
Raj Vijayendran, PE	Principal Engineer	0.0	\$ 225.75	\$ -
Terry Moore	Operations Manager	0.0	\$ 162.00	\$ -
Terry Moore	Operations Manager (Overti	0.0	\$ 204.75	\$ -
Sean Grant	Sr. Project Engineer	17.0	\$ 152.25	\$ 2,588.25
Darrin Green	Staff Engineer	0.0	\$ 102.00	\$ -
Darrin Green	Staff Engineer-(Overtime)	0.0	\$ 153.00	\$ -
Anthony Vozza	Staff Engineer	0.0	\$ 102.00	\$ -
Abhishek Shah	Staff Engineer	112.0	\$ 102.00	\$ 11,424.00
Brandon Brochue	Designer/Drafter	0.0	\$ 101.00	\$ -
Subtotal Maintenance:				\$ 14,012.25

Task 12.0 - As-Needed Services - VFD Pump 4

Raj Vijayendran, PE	Principal Engineer	0.0	\$ 225.75	\$ -
Daniel Martel	Sr. Project Engineer	2.0	\$ 152.25	\$ 304.50
Travis Ford	Sr. Project Engineer	4.0	\$ 152.25	\$ 609.00
Shailesh Patel, PE	Sr. Project Engineer	4.0	\$ 152.25	\$ 609.00
Sweta Soni	Designer/Drafter	0.0	\$ 101.00	\$ -
Subtotal 12.0:				\$ 1,522.50

TOTAL AMOUNT DUE THIS INVOICE: \$ 87,169.30



MOTOR CITY ELECTRIC TECHNOLOGIES INC.
AUTOMATION AND CONTROLS SOLUTIONS
9440 GRINNELL
DETROIT, MI 48213-1151
PHONE (313) 921-5300 FAX (313) 921-5310
"AN EQUAL OPPORTUNITY EMPLOYER"

W 0 122 6

INVOICE

● MID
ONE PUBLIC WORKS DRIVE, BUILDING 95
WATERFORD, MI 48328-

Customer
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
924567	0	001	6/10/2024	6/19/2024	95756

JOEL BROWN

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	T&M SERVICES SCADA	\$135.00	-	\$135.00	\$135.00	-	-
Totals:		\$135.00		\$135.00	\$135.00		
Less Retained				-			
Invoice Total:				\$135.00			

AS NEEDED ELECTRICAL AND ENGINEERING SUPPORT
SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

82912-6010101-149090-730660-8419- CH. 21- v#7755-li#41132

Joel Brown

7/11/2024

WORK PERFORMED 6/10/24

TM-7-1-24

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 "

**MOTOR CITY ELECTRIC TECHNOLOGIES INC.**

AUTOMATION AND CONTROLS SOLUTIONS

9440 GRINNELL

DETROIT MI 48213-1151

PHONE (313) 921-5300 FAX (313) 921-5310

"AN EQUAL OPPORTUNITY EMPLOYER"

WO 1226

INVOICE

OMID
ONE PUBLIC WORKS DRIVE, BUILDING 95
WATERFORD MI 48328-

Customer
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
924567	0	001	6/11/2024	6/19/2024	95755

JOEL BROWN

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	T&M SERVICES SCADA	\$720.00		\$720.00	\$720.00		
Totals:		\$720.00		\$720.00	\$720.00		
Less Retained:							
Invoice Total:				\$720.00			

AS NEEDED ELECTRICAL AND ENGINEERING SUPPORT

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORTS

82912-6010101-149090-730660-8419- CH. 21- v#7755- li#41132

Joel Brown

7/11/2024

WORK PERFORMED 6/11/24

TM-7-1-24

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 "



MOTOR CITY ELECTRIC TECHNOLOGIES INC.

AUTOMATION AND CONTROLS SOLUTIONS

9440 GRINNELL

DETROIT, MI 48213-1151

PHONE (313) 921-5300 FAX (313) 921-5310

"AN EQUAL OPPORTUNITY EMPLOYER"

WO 1136

INVOICE

OMI

ONE PUBLIC WORKS DRIVE, BUILDING 95
WATERFORD, MI 48328-

Customer
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
924567	0	001	1/24/2024	6/24/2024	95771

JOEL BROWN

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	T&M SERVICES SCADA	\$135.00	-	\$135.00	\$135.00	-	-
Totals:		\$135.00		\$135.00	\$135.00		
Less Retained:				-			
Invoice Total:				\$135.00			

AS NEEDED ELECTRICAL AND ENGINEERING SUPPORT

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

82912-6010101-149090-730660-8419- CH. 21- v#7755- li#41132

Joel Brown

7/11/2024

WORK PERFORMED 1/24/2024

TM-7-1-24

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."



NTH Consultants, Ltd.
Infrastructure Engineering
and Environmental Services

**84918-149015-730639-PRJ-17408-1-ENG_CONSULT-
WDCCON8173**

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

7/11/2024

Invoice # : 636268
Project : 23001693
Invoice Group : **
Invoice Date : 7/2/2024

Attention: Jen Cook, P.E.

For Professional Services Rendered from 5/18/2024 - 6/21/2024

Provide Engineering and Consulting Services regarding OMID PCI-18 and PCI-19 Rehabilitation Project CCA; D-458 & D-463

Task 01	Contract 2 CCA Services	<u>\$1,907,063.00</u>
	Preliminary Budget Amount	<u>\$1,907,063.00</u>
	Percent Complete:	43.95%

Analysis of Costs		This Invoice	Cumulative
Direct Salaries		\$ 18,103.46	\$ 148,831.18
Overhead %	188.00	34,034.50	279,802.61
Total Regular Labor Expense		52,137.96	428,633.79
Total Direct Labor		52,137.96	428,633.79
Profit / Fixed Fee %	12.00	6,256.56	51,436.06
Direct Expenses Charge		1,135.01	30,487.90
Expense Multiplier %	5.00	56.75	1,524.37
Direct Subcontractor Charge		8,928.69	307,550.10
Subcontractor/Subconsultant Multiplier %	6.00	535.72	18,453.03
Total Other Direct Charges Reimbursables		10,656.17	358,015.40
Total Costs:		69,050.70	838,085.26
Total Due This Invoice		\$ 69,050.69	\$ 838,085.25

Remit to: 41780 6 Mile Rd, Suite 200 | Northville, MI 48168-3459 | US
Phone: 248-553-6300



NTH Consultants, Ltd.
Infrastructure Engineering
and Environmental Services

**849174-6010101-149015-731458-8173-1-3309-Ch. 21 -
v#4716-li#24138**

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

7/11/2024

Invoice # : 636266
Project : 61-200280
Invoice Group : CMT
Invoice Date : 7/2/2024

Attention: Joel Brown, P.E.

For Professional Services Rendered from 5/18/2024 - 6/21/2024

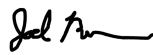
Provide Engineering and Consulting Services regarding NESPS Pumping and Electrical System Upgrade (D-421) & (D-462)

Task 01	CMT Services	\$189,674.00
Task 02	Tnemec Coating Observation	-
	Preliminary Budget Amount	\$189,674.00
	Percent Complete:	90.24%

Analysis of Costs		This Invoice	Cumulative
Direct Salaries	\$	146.92	\$ 43,648.42
Overhead %	188.00	276.21	82,059.01
Total Regular Labor Expense		423.13	125,707.43
Total Direct Labor		423.13	125,707.43
Profit / Fixed Fee %	12.00	50.78	15,084.90
Direct Expenses Charge		0.00	23,573.76
Expense Multiplier %	5.00	0.00	1,178.69
Direct Subcontractor Charge		0.00	5,302.50
Subcontractor/Subconsultant Multiplier %	6.00	0.00	318.15
Direct Unit Rate Charge		0.00	0.00
Total Other Direct Charges Reimbursables		0.00	30,373.10
Total Costs:		473.91	171,165.43
Total Due This Invoice	\$	473.91	\$ 171,165.43

**81917-6010101-149015-730639-2603-1-3308-Ch. 21-
v#4716-li#24138-exp 12/31/25**

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



7/11/2024

Invoice # : 636267
Project : 61-200186
Invoice Group : **
Invoice Date : 7/2/2024

Attention: Joel Brown, P.E.

For Professional Services Rendered from 5/18/2024 - 6/21/2024

Provide Engineering Services for OMID NI-EA Contract No.1 PCI-4 Rehabilitation Project and CS-9 Gate Installation Project D-425 and D-457

Task 01	NI-EA OMID Contract No. 1 CCA	\$2,939,467.00
Task 02	OMID CS-9 Gate CCA	\$217,468.00
	Preliminary Budget Amount	\$3,156,935.00
	Percent Complete:	99.79%

Analysis of Costs		This Invoice	Cumulative
Direct Salaries		\$ 1,238.46	\$ 751,197.94
Overhead %	188.00	2,328.30	1,412,252.15
Total Regular Labor Expense		3,566.76	2,163,450.09
Total Direct Labor		3,566.76	2,163,450.09
Profit / Fixed Fee %	12.00	428.01	259,614.01
Direct Expenses Charge		57.14	70,086.70
Expense Multiplier %	5.00	2.86	3,504.34
Direct Subcontractor Charge		0.00	616,515.82
Subcontractor/Subconsultant Multiplier %	6.00	0.00	36,991.04
Direct Unit Rate Charge		0.00	0.00
Total Other Direct Charges Reimbursables		60.00	727,097.90
Total Costs:		4,054.77	3,150,162.00
Total Due This Invoice		\$ 4,054.77	\$ 3,150,162.00



PM Technologies
28294 Beck Road Wixom
Michigan 48393 United States
800-419-5199
pmtech.org

BILL TO

County Of Oakland
A Michigan Constitutional Corp
Detroit, MI 48234 USA

7/11/2024

82912-6010101-149090-730660-8640- Ch. 21

INVOICE
92114475

INVOICE DATE
Jun 17, 2024

JOB ADDRESS

Northeast Sewage Pumping Station - 1825kw Generator 2
11001 East State Fair Avenue
Detroit, MI 48234 USA

Completed Date: 6/17/2024

Payment Term: NET 30

Due Date: 7/17/2024

DESCRIPTION OF WORK

Monthly inspection of generator. Checked oil, belts and coolant Prior to starting. Did a visual inspection of engine. Checked block heaters for proper operation. Started unit and let run to operating temperature. No issues found. Unit in auto.

TASK	DESCRIPTION	QTY	PRICE	TOTAL
Monthly Inspections	Monthly Inspection	1.00	\$350.00	\$350.00

Perform Secondary Inspection on generator and transfer switch(es).

Update on-site maintenance log (as applicable)

**excludes live transfer test

SUB-TOTAL \$350.00

TOTAL DUE \$350.00

BALANCE DUE \$350.00

Thank you for choosing PM Technologies

TM-6-17-24



PM Technologies
28294 Beck Road Wixom
Michigan 48393 United States
800-419-5199
pmtech.org

BILL TO

County Of Oakland
A Michigan Constitutional Corp
Detroit, MI 48234 USA

7/11/2024

82912-6010101-149090-730660-8640- Ch. 21

INVOICE
92115600

INVOICE DATE
Jun 17, 2024

JOB ADDRESS

Northeast Sewage Pumping Station - Generator 1
11001 East State Fair Avenue
Detroit, MI 48234 USA

Completed Date: 6/17/2024

Payment Term: NET 30

Due Date: 7/17/2024

DESCRIPTION OF WORK

Monthly inspection of generator. Checked oil, belts and coolant Prior to starting. Did a visual inspection of engine. Checked block heaters for proper operation. Started unit and let run to operating temperature. No issues found. Unit in auto.

TASK	DESCRIPTION	QTY	PRICE	TOTAL
Monthly Inspections	Monthly Inspection	1.00	\$350.00	\$350.00

Perform Secondary Inspection on generator and transfer switch(es).

Update on-site maintenance log (as applicable)

**excludes live transfer test

TM-6-17-24

SUB-TOTAL \$350.00

TOTAL DUE \$350.00

BALANCE DUE \$350.00

Thank you for choosing PM Technologies



PM Technologies
28294 Beck Road Wixom
Michigan 48393 United States
800-419-5199
pmttech.org

82912-6010101-149090-730660-8640- Ch. 21

BILL TO

County Of Oakland
A Michigan Constitutional Corp
Detroit, MI 48234 USA

John A...

7/11/2024

INVOICE
92118866

INVOICE DATE
Jun 17, 2024

JOB ADDRESS

Northeast Sewage Pumping Station 1825kw - Generator 3
11001 East State Fair Avenue
Detroit, MI 48234 USA

Completed Date: 6/17/2024

Payment Term: NET 30

Due Date: 7/17/2024

DESCRIPTION OF WORK

Monthly inspection of generator. Checked oil, belts and coolant, radiator will need to be flushed and new coolant added. Prior to starting. Did a visual inspection of engine. Checked block heaters for proper operation. Started unit and let run to operating temperature. No issues found. Unit in auto.

TASK	DESCRIPTION	QTY	PRICE	TOTAL
Monthly Inspections	Monthly Inspection	1.00	\$350.00	\$350.00
	Perform Secondary Inspection on generator and transfer switch(es).			
	Update on-site maintenance log (as applicable)			
	**excludes live transfer test			

TM-6-17-24

SUB-TOTAL \$350.00

TOTAL DUE \$350.00

BALANCE DUE \$350.00

Thank you for choosing PM Technologies



WO 1227

PM Technologies
28294 Beck Road Wixom
Michigan 48393 United States
800-419-5199
pmttech.org

82912-6010101-149090-730660-8640- Ch. 21

BILL TO

County Of Oakland
A Michigan Constitutional Corp
Detroit, MI 48234 USA

7/11/2024

INVOICE
92748987

INVOICE DATE
Jun 28, 2024

JOB ADDRESS

Northeast Sewage Pumping Station - Generator 1
11001 East State Fair Avenue
Detroit, MI 48234 USA

Completed Date: 6/28/2024

Payment Term: NET 30

Due Date: 7/28/2024

DESCRIPTION OF WORK

WO #01227

06-13-24 Matt C

Arrived on site and checked in with customer(terry)

Ran both gens to verify operation prior to testing. gens both ran up to temp with no issues or shutdown alarms.

Performed loaded test on generators. gens come online and support pump 6 with no issues. when pump 1 is thrown online

Gen closest to building has reverse reactive power fault and trips breaker, 1 Gen is enough to support both pumps. reset fault and put 2nd Gen back online. unable to verify long term operation as station ran low on water and had to cut pumps off.

Checked controller to find reverse reactive power setpoint at 3 percent which is too low for running the large motors on pumps. turned shutdown threshold up to 12 percent.

Customer would like to run another test on the 25th to verify units are operating as normal.

DISCONNECTED CUSTOMER GEN BATTERIES WHILE ON SITE.

06-24-24 MATT C

ARRIVED ON SITE AND SPOKE WITH CONTACT(TONY)

GAINED ACCESS TO RENTAL GENS AND SWITCHGEAR. RAN BOTH GENERATORS TO TEMP PRIOR TO PERFORMING TESTING.

ROTOR ELEC ASSISTED BY RACKING OUT UTILITY MAINS TO DE-ENERGIZE GEAR. STARTED GENS AND PARALLELED UNITS TO

TRANSFORMERS. CLOSED GENERATOR TIE IN SWITCHGEAR TO ENERGIZE PLANT. BROUGHT PUMPS 6 AND 2 ONLINE AND

LET RUN FOR 25 MIN TO VERIFY OPERATION. GENS RAN WITH A TOTAL LOAD OF 2,400 KW WITH NO ISSUES.

SHUT SYSTEM DOWN AND ROTOR RETURNED UTILITY POWER. CUSTOMER INFORMED RENTAL SYSTEM IS OPERATIONAL AT

THIS TIME. SHUTOFF BOTH BATTERY DISCONNECTS PRIOR TO LEAVING SITE.

TASK	DESCRIPTION	QTY	PRICE	TOTAL
Commerical Labor	Commercial Labor - Normal Business Hours (7:30 AM - 4:30 PM)	10.00	\$129.00	\$1,290.00

TM-7-1-24

SUB-TOTAL	\$1,290.00
TOTAL DUE	\$1,290.00
BALANCE DUE	\$1,290.00

Thank you for choosing PM Technologies



PM Technologies
28294 Beck Road Wixom
Michigan 48393 United States
800-417-5199
pmtech.org

82912-6010101-149090-730660-8640- Ch. 21

BILL TO
County Of Oakland
A Michigan Constitutional Corp
Detroit, MI 48234 USA

7/11/2024

INVOICE
92754887

INVOICE DATE
Jun 12, 2024

JOB ADDRESS
Northeast Sewage Pumping Station - Fuel Tanks 1 & 2
11001 East State Fair Avenue
Detroit, MI 48234 USA

Completed Date: 6/12/2024
Payment Term: NET 30
Due Date: 7/12/2024

DESCRIPTION OF WORK

Matzak Service - \$600.00
5% Markup - \$30.00
Total - \$630.00

TASK	DESCRIPTION	QTY	PRICE	TOTAL
Contracted Service	SP001 Fuel System Inspections - Performed by Matzak	1.00	\$630.00	\$630.00

SUB-TOTAL \$630.00

TOTAL DUE \$630.00

BALANCE DUE ~~\$630.00~~

Thank you for choosing PM Technologies

TM-6-18-24



NO 1228

PM Technologies
28294 Beck Road Wixom
Michigan 48393 United States
800-419-5199
pmttech.org

82912-6010101-149090-730660-8640- Ch. 21

BILL TO

County Of Oakland
A Michigan Constitutional Corp
Detroit, MI 48234 USA

Jack Am

7/11/2024

INVOICE
93089757

INVOICE DATE
Jun 25, 2024

JOB ADDRESS

Northeast Sewage Pumping Station - Generator 1
11001 East State Fair Avenue
Detroit, MI 48234 USA

Completed Date: 6/25/2024

Payment Term: NET 30

Due Date: 7/25/2024

DESCRIPTION OF WORK

WO #01228

Disconnected Generator Batteries on all units due to temporary shut down

TASK	DESCRIPTION	QTY	PRICE	TOTAL
Commerical Labor	Commercial Labor - Normal Business Hours (7:30 AM - 4:30 PM)	2.00	\$129.00	\$258.00

TM-7-1-24

SUB-TOTAL \$258.00

TOTAL DUE \$258.00

BALANCE DUE **\$258.00**

Thank you for choosing PM Technologies



Oakland County Water Resources Commissioner
Attn: Joel Brown
One Public Works Drive
Building 95-West
Waterford 48328

June 14, 2024

Invoice No: 03559.01 - 48

84917-6010101-149015-731458-8858-1-3309- Ch.

21- engcon- v#16918

7/11/2024

Project 03559.01 Oakland-Macomb Interceptor Drainage 2020

Professional Services from May 1, 2024 to May 31, 2024

Task	1.0	Oakland-Macomb Interceptor Drainage 2020
Sub Task	1.1	NESPS

Professional Personnel

	Hours	Rate	Amount
Zann, John	50.00	113.85	5,692.50
Totals	50.00		5,692.50
Total Labor			5,692.50

Additional Fees

Overhead	149.10 % of 5,692.50	8,487.52
Profit	10.00 % of 14,180.02	1,418.00
Total Additional Fees		9,905.52

Total this Sub Task \$15,598.02

Sub Task	1.3	NI-EA Contract No. 2
----------	-----	----------------------

Professional Personnel

	Hours	Rate	Amount
Zann, John	11.00	113.85	1,252.35
Totals	11.00		1,252.35
Total Labor			1,252.35

Additional Fees

Overhead	149.10 % of 1,252.35	1,867.25
Profit	10.00 % of 3,119.60	311.96
Total Additional Fees		2,179.21

Total this Sub Task \$3,431.56

Total this Task \$19,029.58

Billing Limits

	Current	Prior	To-Date
Total Billings	19,029.58	648,438.63	667,468.21
Limit			880,000.00
Remaining			212,531.79

Total this Invoice \$19,029.58

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

Billing Backup

Friday, June 14, 2024

PMA Consultants LLC

Invoice 48 Dated 6/14/2024

12:59:06 PM

Project	03559.01	Oakland-Macomb Interceptor Drainage 2020
Task	1.0	Oakland-Macomb Interceptor Drainage 2020
Sub Task	1.1	NESPS

Professional Personnel

		Hours	Rate	Amount	
Zann, John	5/1/2024	4.00	113.85	455.40	
Zann, John	5/2/2024	4.00	113.85	455.40	
Zann, John	5/3/2024	4.00	113.85	455.40	
Zann, John	5/9/2024	4.00	113.85	455.40	
Zann, John	5/10/2024	4.00	113.85	455.40	
Zann, John	5/13/2024	6.00	113.85	683.10	
Zann, John	5/17/2024	4.00	113.85	455.40	
Zann, John	5/20/2024	2.00	113.85	227.70	
Zann, John	5/21/2024	2.00	113.85	227.70	
Zann, John	5/22/2024	2.00	113.85	227.70	
Zann, John	5/23/2024	2.00	113.85	227.70	
Zann, John	5/24/2024	4.00	113.85	455.40	
Zann, John	5/28/2024	2.00	113.85	227.70	
Zann, John	5/30/2024	4.00	113.85	455.40	
Zann, John	5/31/2024	2.00	113.85	227.70	
Totals		50.00		5,692.50	
Total Labor					5,692.50
				Total this Sub Task	\$5,692.50

Sub Task	1.3	NI-EA Contract No. 2
----------	-----	----------------------

Professional Personnel

		Hours	Rate	Amount	
Zann, John	5/15/2024	4.00	113.85	455.40	
Zann, John	5/17/2024	2.00	113.85	227.70	
Zann, John	5/21/2024	1.00	113.85	113.85	
Zann, John	5/28/2024	2.00	113.85	227.70	
Zann, John	5/31/2024	2.00	113.85	227.70	
Totals		11.00		1,252.35	
Total Labor					1,252.35
				Total this Sub Task	\$1,252.35
				Total this Task	\$6,944.85
				Total this Project	\$6,944.85
				Total this Report	\$6,944.85



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	Job Number	Sub Job	Contract Number	Date Performed	Application	
						Date	Number
		719707	0	001	6/16/2023	9/27/2023	12657

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	\$6,506.08	-	\$6,506.08	\$6,506.08	-	-
Totals:		\$6,506.08		\$6,506.08	\$6,506.08		
Less Retained:				-			
Invoice Total:				\$6,506.08			

WO 961
MOTOR FLOOR AND ELECTRICAL
MEZZANINE LIGHTING RE-LAMPING

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

 7/11/2024

complete electrical construction

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INVOICE

OMID
1 PUBLIC WORKS DRIVE
WATERFORD, MI 48328-

Customer
PG Number
Professional Services Contrac

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
719707	0	001	6/10/2024	6/12/2024	12758

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	\$10,083.78		\$10,083.78	\$10,083.78		
	Totals:	\$10,083.78		\$10,083.78	\$10,083.78		
	Less Retained						
	Invoice Total:			\$10,083.78			

NORTHEAST PUMPING STATION
WO 1170
PUMP P4 VFD INSTALLATION

TM-6-12-24

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

complete electrical construction

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INVOICE

OMIO
1 PUBLIC WORKS DRIVE
WATERFORD, MI 48328-

Customer
PO Number
Professional Services Contract

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
719707	0	001	8/10/2024	6/12/2024	12759

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	\$169,730.51		\$169,730.51	\$169,730.51		
	Totals:	\$169,730.51		\$169,730.51	\$169,730.51		
	Less Retained Invoice Total:			\$169,730.51			

NORTHEAST PUMPING STATION

WO 1169

PUMP P4 VFD REPLACEMENT

EQUIPMENT AND START UP SERVICE ONLY

82912 - 6010101 - 149662- 730660 - 5807- Ch. 21 - v# 22125-
li#42614 - exp. 6/25/25

Joel Brown

7/11/2024

TM-6-12-24

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	5/1/2024	6/24/2024	12760

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	\$1,410.75	-	\$1,410.75	\$1,410.75	-	-
Totals:		\$1,410.75		\$1,410.75	\$1,410.75		
Less Retained:				-			
Invoice Total:				\$1,410.75			

EMERGENCY CALL BTF-VFD DISPLAY BANK
WO 1199

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

TM 6-24-24

complete electrical construction

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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	5/1/2024	6/24/2024	12761

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	\$2,664.75	-	\$2,664.75	\$2,664.75	-	-
	Totals:	\$2,664.75		\$2,664.75	\$2,664.75		
	Less Retained:			-			
	Invoice Total:			\$2,664.75			

GENERATOR SHELTER MAINTENANCE AND TESTING

WO 1179

TM 6-24-24

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	5/1/2024	6/24/2024	12762

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	\$5,775.00	-	\$5,775.00	\$5,775.00	-	-
Totals:		\$5,775.00		\$5,775.00	\$5,775.00		
Less Retained:				-			
Invoice Total:				\$5,775.00			

GENERATOR SYSTEM TESTING AFTER

PM TECHNOLOGIES MODIFICATIONS

WO 1125

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

TM

6-24-24

complete electrical construction

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INVOICE

OMID
1 PUBLIC WORKS DRIVE
WATERFORD, MI 48328-

Customer
PO Number
Professional Services Contract

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
719707	0	001	1/15/2024	6/24/2024	12763

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	\$7,053.75	-	\$7,053.75	\$7,053.75	-	-
Totals:		\$7,053.75		\$7,053.75	\$7,053.75		
Less Retained:				-			
Invoice Total:				\$7,053.75			

GENERATOR #1 NOT SYNCING

WO 1133

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

TM 6-24-24

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	1/15/2024	6/24/2024	12764

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	\$940.50	-	\$940.50	\$940.50	-	-
Totals:		\$940.50		\$940.50	\$940.50		
Less Retained:				-			
Invoice Total:				\$940.50			

GENERATOR FUNCTION TEST PROCEDURE DEVELOPMENT

WO 1124

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

TM

6-24-24

complete electrical construction

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INVOICE

OMID
1 PUBLIC WORKS DRIVE
WATERFORD, MI 48328-

Customer
PO Number
Professional Services Contract

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
719707	0	001	3/8/2024	6/24/2024	12765

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	\$1,410.75	-	\$1,410.75	\$1,410.75	-	-
Totals:		\$1,410.75		\$1,410.75	\$1,410.75		
Less Retained:				-			
Invoice Total:				\$1,410.75			

P6 NO START INVESTIGATIONS

WO 1162

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

TM

6-24-24

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	6/12/2024	6/24/2024	12766

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	\$7,409.00	-	\$7,409.00	\$7,409.00	-	-
Totals:		\$7,409.00		\$7,409.00	\$7,409.00		
Less Retained:				-			
Invoice Total:				\$7,409.00			

MV SWITCHGEAR REMOTE SWITCHING KIT

WO 1208

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

TM

6-24-24

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 Contract

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
719707	0	001	5/24/2024	6/24/2024	12767

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	\$2,303.25	-	\$2,303.25	\$2,303.25	-	-
	Totals:	\$2,303.25		\$2,303.25	\$2,303.25		
	Less Retained:			-			
	Invoice Total:			\$2,303.25			

SWITCHGEAR BATTERY MAINTENANCE

WO 1139

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

TM 6-24-24

complete electrical construction

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INVOICE

OMID
1 PUBLIC WORKS DRIVE
WATERFORD, MI 48328-

Customer
PO Number
Professional Services Contract

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
719707	0	001	5/23/2024	6/24/2024	12768

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	\$1,816.48	-	\$1,816.48	\$1,816.48	-	-
Totals:		\$1,816.48		\$1,816.48	\$1,816.48		
Less Retained:				-			
Invoice Total:				\$1,816.48			

P6 MOTOR MAINTENANCE

WO 1114

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

TM 6-24-24

complete electrical construction

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INVOICE

OMID
1 PUBLIC WORKS DRIVE
WATERFORD, MI 48328-

Customer
PO Number
Professional Services Contract

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
719707	0	001	5/23/2024	6/24/2024	12769

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	\$1,816.48	-	\$1,816.48	\$1,816.48	-	-
Totals:		\$1,816.48		\$1,816.48	\$1,816.48		
Less Retained:				-			
Invoice Total:				\$1,816.48			

P2 MOTOR MAINTENANCE

WO 1098

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

TM 6-24-24

complete electrical construction

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Agenda Item No. 14

Other Business

Agenda Item No. 15

Adjourn