

## AGENDA

### Oakland-Macomb Interceptor Drain Drainage Board Macomb and Oakland Counties

**May 19, 2021 – 11:30 a.m.**  
Via GoToMeeting

1. Call meeting to order

Board Members:

Michael Gregg, Chair, Michigan Department of Agriculture and Rural Development

Candice Miller, Macomb County Public Works Commissioner

Jim Nash, Oakland County Water Resources Commissioner

2. Motion to approve the meeting agenda for May 19, 2021
3. Motion to approve the Drainage District Board Meeting Minutes from April 21, 2021
4. Public Comment
5. Present Resolution regarding Meadowbrook Contract Extension
6. GLWA-Drainage District Agreement for Drone and Video Photography
7. Motion to approve the following Change Order:
  - a) Walsh Construction Change Order No. 11 for the NESPS Pump & Electrical Upgrades Project for a net decrease in the amount of \$47,361.75
8. Motion to approve the following Construction Estimates:
  - a) Construction Estimate No. 7 for Walsh Construction for NESPS Pump & Electrical Upgrades Project (GMP Phase) in the amount of \$1,015,192.73 with a transfer to reserves with the Oakland County Treasurer in the amount of \$112,799.19
  - b) Construction Estimate No. 5 for Walsh Construction for CS-9 Gate Installation in the amount of \$480,194.73 with a transfer to the Oakland County Treasurer in the amount of \$53,354.97
  - c) Construction Estimate No. 2 for Marra Services for NIEA Contract No. One in the amount of \$291,761.10 with a transfer to the Oakland County Treasurer in the amount of \$32,417.90
9. Report/Update – Status of OMID Repairs Project
10. Financial Reports – General Financial Report and Status of State Revolving Fund Financing and Other Financing
11. Motion to approve the following invoices:
  - a) Reimbursement of Oakland County WRC-Incurred Expenses and Costs
    - 1) Labor/Fringes/Non-Direct Labor Factor
      - Segment 4 \$ 4,308.80

	• Segment 4 NESPS Odor Corrosion Study		\$	512.79
	• Segment 5 NI-EA Construction		\$	3,821.39
	• Segment 5 NESPS Mech./Elect. Construction		\$	13,031.91
2)	Equipment Charges			
	• Segment 4		\$	219.20
	• Segment 4 NESPS Odor Corrosion Study		\$	13.47
	• Segment 5 NI-EA Construction		\$	186.08
	• Segment 5 NESPS Mech./Elect. Construction		\$	1,094.35
3)	Mileage			
	• Segment 4		\$	957.60
4)	Reimbursement			
	• Macomb Invoice No. ARP210107		\$	39,970.63
b)	Applied Science, Inc.			
	Invoice No. 27	NESPS M&E	\$	80,931.62
c)	Clark Hill			
1)	Invoice No. 1081788	O&M	\$	216.00
2)	Invoice No. 1082352	O&M	\$	432.00
d)	Kennedy Industries			
	Invoice No. 624142	O&M	\$	2,153.00
e)	Konecranes			
1)	Invoice No. 154469634	O&M	\$	6,670.00
2)	Invoice No. 154466738	O&M	\$	2,902.00
3)	Invoice No. 154467071	O&M	\$	59,869.50
f)	Meadowbrook Insurance			
	Invoice No. 5516	O&M	\$	44,200.00
g)	METCO			
	Invoice No. 1811-28	O&M	\$	109,814.02
h)	Motor City Electric Technologies Inc.			
1)	Invoice No. 93641	O&M	\$	308.00
2)	Invoice No. 93642	O&M	\$	770.00
3)	Invoice No. 93643	O&M	\$	154.00
i)	NTH Consultants, Ltd			
1)	Contract No. 1			
	Invoice No. 5	NI-EA	\$	88,831.84
2)	Eng./Consult. Services NESPS CMT			
	Invoice No. 7	O&M	\$	13,399.01
3)	Safety Manual & Crane Support			
	Invoice No.10	O&M	\$	913.88
4)	CS9			
	Invoice No. 10	NIEA	\$	4,398.62
5)	NI-EA – Engineering Design Services Rehabilitation of NI-EA Sections PCI-4	NI-EA	\$	53,564.44
	Invoice No. 23			
6)	Repairs – OMID System Immediate Repairs			
	Invoice No. 27	OIR	\$	20,384.56
7)	NESPS CCA			
	Invoice No. 55	O&M	\$	14,623.49
j)	PM Technologies			
	Invoice No. 147051	O&M	\$	9,735.00
k)	Rotor Electric Co.			
1)	Invoice No.12394	O&M	\$	332.50

2)	Invoice No. 12395	O&M	\$	3,191.18
3)	Invoice No. 12398	O&M	\$	1,200.00
4)	Invoice No. 12399	O&M	\$	2,825.84
5)	Invoice No. 12419	O&M	\$	11,738.99

12. Other Business

13. Adjourn

Next Regular Meeting: June 16, 2021 11:30 a.m., Eastern Time. Due to the ongoing COVID-19 pandemic, the location and manner of the next meeting has yet to be determined.

**Agenda Item No. 3**

Board Meeting Minutes from April 21, 2021

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

April 21, 2021

Minutes of the regular meeting of the Drainage Board of the Oakland-Macomb Interceptor Drain Drainage District held via GoToMeeting on the 21<sup>st</sup> day of April at 11:30 a.m. Eastern Standard Time. Due to the COVID-19 pandemic, the meeting was conducted electronically via GoToMeeting in accordance with PA 254 of 2020, as may be amended from time to time and/or as otherwise provided by law.

**PRESENT:**

Michael Gregg, Chairperson and Deputy for Gary McDowell, Director of the Michigan Department of Agriculture and Rural Development; Candice Miller, Member and Macomb County Public Works Commissioner; and 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: Steven Korth, Joel Brown, Sid Lockhart, Kelsey Cooke, Brian Coburn, Evans Bantios, Raphael Chirolla and Megan Koss. Others in attendance: Fritz Klingler, FK Engineering; Shawn Phelps and Jeff Ragle, OC Fiscal Services; Brady Harrington, MDARD; Larry Gilbert and Saju Sachidanandan, NTH Consultants; Jason Matteo and Bill Diesing, Jacobs; Terry Moore, Metco; John Michalski, ASI.

1. Call meeting to order.

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

2. Agenda.

Joel Brown indicated that some of the supporting material for agenda item seven had been modified since the dissemination of the agenda packet. He noted that the revised version of the aforementioned would be published in real-time during the meeting. Motion by Miller, supported by Vaara, to approve the April 21, 2021 agenda as presented.

**ROLL CALL VOTE:**

GREG:        AYE  
MILLER:      AYE  
VAARA:      AYE

3. Minutes.

Motion by Miller, supported by Vaara, to approve the minutes of the March 17, 2021 meeting.

ROLL CALL VOTE:

GREG: AYE  
MILLER: AYE  
VAARA: AYE

4. Public Comment.

None.

5. Memorandum requesting the Board approve the proposed revised operating budget, cost allocation, and Capital Improvement Program for the rate year beginning July 1, 2021.

Brian Coburn presented a Memorandum requesting the Board approve the revised operating budget, cost allocation and Capital Improvement Program for the rate year beginning July 1, 2021. He indicated that at the March meeting, the Board had approved the budget for the upcoming fiscal year, however GLWA recently revised and approved their rates, resulting in a rate decrease of \$46,000 for the Drainage District.

Motion by Vaara, supported by Miller, to approve the revised budget, flow and cost allocation and Capital Improvement Program for the rate year beginning July 1, 2021 as presented.

ROLL CALL VOTE:

GREG: AYE  
MILLER: AYE  
VAARA: AYE

6. Jacobs presentation of OMID Odor Corrosion Study Results.

Bill Diesing and Jason Matteo provided the Board with an executive summary and presentation pertaining to the odor corrosion study. Overall findings, recommendations and next steps were discussed. System challenges, a review of the sampling program and fan testing were addressed, in addition to a comprehensive overview of the recommended course of action: two vapor phase systems to combine with the NESPS biotrickling filter.

Questions and discussion ensued regarding potential requests for proposals, in addition to planning, design and aesthetic costs. It was indicated that Jacobs would come back to the Board at a later meeting with more details as to those particular items.

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

ROLL CALL VOTE:

GREG: AYE  
MILLER: AYE  
VAARA: AYE

7. Engineering Work Order.

The following Engineering Work Order was submitted to the Board for approval:

- a) Jacobs Work Order No. D – \_\_\_\_\_ for additional study analyses required for the NIEA Odor/Corrosion Phase 1 effort for an amount not-to-exceed \$35,000. Motion by Miller, supported by Vaara, to approve the Engineering Work Order as presented.

ROLL CALL VOTE:

GREGG: AYE  
MILLER: AYE  
VAARA: AYE

8. Change Order.

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

- a) Walsh Construction Change Order No. 10 for the NESPS Pump & Electrical Upgrades Project for a net increase in the amount of \$393,793.68. Motion by Vaara, supported by Miller, to approve the Change Order as presented.

ROLL CALL VOTE:

GREGG: AYE  
MILLER: AYE  
VAARA: AYE

9. Construction Pay Estimates.

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

- a) Construction Estimate No. 6 for Walsh Construction for NESPS Pump & Electrical Upgrades Project (GMP Phase) in the amount of \$768,099.59 with a transfer to reserves with the Oakland County Treasurer in the amount of \$85,344.40. Motion by Miller, supported by Vaara, to approve the Construction Pay Estimate as presented.

ROLL CALL VOTE:

GREGG: AYE  
MILLER: AYE  
VAARA: AYE

- b) Construction Estimate No. 4 for Walsh Construction for CS-9 Gate Installation in the amount of \$164,822.83 with a transfer to the Oakland County Treasurer in the amount of \$18,313.65. Motion by Miller, supported by Vaara, to approve the Construction Pay Estimate as presented.

ROLL CALL VOTE:

GREGG: AYE  
MILLER: AYE  
VAARA: AYE

- c) Construction Estimate No. 3 for Doetsch for OMID Localized Rehabilitation and Spot Repairs in the amount of \$468,764.20. Motion by Miller, supported by Vaara, to approve the Construction Pay Estimate as presented.

ROLL CALL VOTE:

GREGG: AYE  
MILLER: AYE  
VAARA: AYE

- d) Construction Estimate No. 1 for Marra Services for NIEA Contract No. One in the amount of \$229,398.30 with a transfer to the Oakland County Treasurer in the amount of \$25,488.70. Motion by Miller, supported by Vaara, to approve the Construction Pay Estimate as presented.

ROLL CALL VOTE:  
GREGG: AYE  
MILLER: AYE  
VAARA: AYE

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

ROLL CALL VOTE:  
GREGG: AYE  
MILLER: AYE  
VAARA: AYE

11. Financial Reports.  
Shawn Phelps of OC Fiscal Services 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.

ROLL CALL VOTE:  
GREGG: AYE  
MILLER: AYE  
VAARA: AYE

12. Invoices.

The following invoices were submitted to the Board for approval:

- a) Reimbursement of Oakland County WRC-Incurred Expenses and Costs

- |   |              |
|---|--------------|
| 1) Labor/Fringes/Non-Direct Labor Factor    |              |
| • Segment 4                                 | \$ 12,495.52 |
| • Segment 4 NESPS Odor Corrosion Study      | \$ 4,654.93  |
| • Segment 5 NI-EA Construction              | \$ 10,250.83 |
| • Segment 5 NESPS Mech./Elect. Construction | \$ 38,465.36 |
| 2) Equipment Charges                        |              |
| • Segment 4                                 | \$ 635.68    |
| • Segment 4 NESPS Odor Corrosion Study      | \$ 263.97    |
| • Segment 5 NI-EA Construction              | \$ 429.66    |
| • Segment 5 NESPS Mech./Elect. Construction | \$ 3,338.33  |
| 3) Mileage                                  |              |



	• Segment 4		\$	498.40
b)	Applied Science, Inc. Invoice No. 26	NESPS M&E	\$	75,920.38
c)	CH2M 1) Invoice No. 705773CH025 (26) 2) Invoice No. 705773CH025 (27)	Seg. 4 Seg. 4	\$	13,184.98 24,027.74
d)	Clark Hill Invoice No. 1073736	O&M	\$	108.00
e)	Dickinson Wright Invoice No. 1564580	O&M	\$	5,025.00
f)	Jacobs Invoice No. 697317CH030 (3)	Seg. 3	\$	12,474.68
g)	Kennedy Industries 1) Invoice No. 623168 2) Invoice No. 623795	O&M O&M	\$	3,070.85 1,188.00
h)	METCO Invoice No. 1811-27	O&M	\$	84,635.43
i)	Motor City Electric Technologies Inc. 1) Invoice No. 93592 2) Invoice No. 93593 3) Invoice No. 93594 4) Invoice No. 93595 5) Invoice No. 93604	O&M O&M O&M O&M O&M	\$	154.00 154.00 231.00 192.50 6,783.01
j)	NTH Consultants, Ltd 1) Contract No. 1 Invoice No. 4 2) Eng./Consult. Services NESPS CMT Invoice No. 6 3) Safety Manual & Crane Support Invoice No. 9 4) CS9 Invoice No. 9 5) NI-EA – Engineering Design Services Rehabilitation of NI-EA Sections PCI-4 Invoice No. 22 6) Repairs – OMID System Immediate Repairs Invoice No. 26 7) NESPS CCA Invoice No. 54	NI-EA O&M O&M NIEA NI-EA OIR O&M	\$	51,612.94 7,924.01 1,621.28 5,847.55 26,778.23 16,471.60 2,038.00
k)	PMA Consultants Invoice No. 3559.01-10	NESPS	\$	7,984.65
l)	Rotor Electric Co. 1) Invoice No. 12376 2) Invoice No. 12407 3) Invoice No. 12408 4) Invoice No. 12409 5) Invoice No. 12410 6) Invoice No. 12411 7) Invoice No. 12413	O&M O&M O&M O&M O&M O&M O&M	\$	1,596.00 665.00 1,583.79 1,784.00 3,379.30 798.00 1,064.00

8)	Invoice No. 12414	O&M	\$	1,330.00
9)	Invoice No. 12415	O&M	\$	1,330.00
10)	Invoice No. 12416	O&M	\$	532.00

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

ROLL CALL VOTE:

GREGG: AYE

MILLER: AYE

VAARA: AYE

13. Other Business.

Commissioner Miller asked the Board to consider putting the engineering design for the odor corrosion project out for a request for proposals. She stressed the importance of proceeding this way in terms of project cost benefits, as well as the Board doing their due diligence to investigate varying ideas for project completion. Discussion ensued. Commissioner Vaara agreed with Commissioner Miller's request to proceed with a request for proposals for the project at hand. Mr. Brown indicated that an RFP would be prepared within the next few months.

Motion by Miller, supported by Vaara, to obtain requests for proposals for the odor corrosion project.

ROLL CALL VOTE:

GREGG: AYE

MILLER: AYE

VAARA: AYE

14. Adjourn.

Motion by Vaara, supported by Miller, to adjourn the April 21, 2021 meeting at 1:58 p.m.

ROLL CALL VOTE:

GREGG: AYE

MILLER: AYE

VAARA: AYE

Next Regular Meeting: May 19, 2021 at 11:30 a.m., Eastern Standard Time. Due to the ongoing COVID-19 pandemic, the nature and location of the May meeting have yet to be determined.

I hereby certify that the foregoing constitutes the minutes of the Drainage Board for the Oakland-Macomb Interceptor Drain Drainage Board, at a meeting held on April 21, 2021 and that the meeting was conducted and public notice was given in compliance with the Open Meetings Act being Act 267, Public Acts of Michigan, 1976, as amended, and that the minutes were kept and will be or have been made available to the public as required by the Act.

IN WITNESS WHEREOF, I have hereunto affixed my official signature on this \_\_\_\_ day of April, 2021.

A handwritten signature in blue ink, appearing to read 'AV', is positioned above a horizontal line.

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Anne Vaara for Jim Nash, Secretary  
Oakland-Macomb Interceptor Drain Drainage Board

## **Agenda Item No. 4**

### **Public Comment**

**Agenda Item No. 5**

Resolution regarding Meadowbrook Contract Extension

**OAKLAND-MACOMB INTERCEPTOR DRAIN  
DRAINAGE DISTRICT**

**RESOLUTION 2021-01 TO EXTEND THE MEADOWBROOK INSURANCE SERVICE  
CONTRACT**

At a regular meeting of the Drainage Board of the Oakland-Macomb Interceptor Drain Drainage District held electronically pursuant to the Open Meetings Act as amended by Public Act No. 254 of 2020, and a Declaration of a State of Emergency by the Charter Township of Waterford, Michigan, based out of the offices of the Oakland County Water Resources Commissioner, One Public Works Drive, Building 95 West, Waterford, MI 48328 on May 19, 2021,

Present:

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

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

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

The following resolution was moved by Drainage Board Member \_\_\_\_\_ and seconded by Drainage Board Member \_\_\_\_\_:

**WHEREAS** on June 1, 2009 the Oakland-Macomb Interceptor Drain (OMID) Drainage District, as authorized by its Board, entered into a contract for insurance consultant services with Meadowbrook, Inc. to provide professional assistance to OMID Drainage District in the development, implementation and administration of the Owner Controlled Insurance Policy (OCIP) for various improvement projects to the OMID; and

**WHEREAS** on February 16, 2016 OMID Drainage District as authorized by its Board, entered into Amendment 1 of the June 1, 2009 contract whereby upon expiration of the original agreement on June 1, 2021, the insurance contract would automatically renew for additional one-year terms subject to termination rights; and

**WHEREAS** this contract amendment was recorded in Oakland County Purchasing Department's system on February 16, 2016 to provide for payment of OMID funds to Meadowbrook, Inc. pursuant to the terms of the contract; and

**WHEREAS** additional amendments have been made to the June 1, 2009 contract, specifically Amendment 2 dated July 25, 2019, Amendment 3 dated July 25, 2019, and Amendment 4 dated July 1, 2020, to provide for continuing insurance coverage and services provided to OMID by Meadowbrook, Inc.; and

**WHEREAS** Oakland County Board of Commissioners has a five-year limit on the duration of all contracts to ensure proper steps are taken to rebid the contract when appropriate; and

**WHEREAS** although the OMID is a separate legal entity from Oakland County and the Meadowbrook, Inc. contract does not expire but rather runs with the term of the construction projects for which it provides insurance coverage, Oakland County's Purchasing Department seeks a resolution of the OMID Board to continue or extend the contract within its internal records system.

**NOW THEREFORE BE IT RESOLVED** that the Contract for Insurance Consultant Services Oakland-Macomb Interceptor Drain Drainage District between Meadowbrook Inc. and the Oakland-Macomb Interceptor Drain Drainage District dated June 1, 2019, as amended, is hereby extended for an additional five years from the expiration date of June 1, 2021 to June 1, 2026 for purposes of Oakland County Purchasing's requirements only.

**BE IT FURTHER RESOLVED** that all other terms and conditions of the June 1, 2009 amended contract remain in place and are not affected by this resolution.

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

**Nays:** \_\_\_\_\_

**Absent:** \_\_\_\_\_

**Resolution 2021-01 is declared adopted.**

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, Michigan on May 19, 2021; 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, and that the minutes of said meeting were kept and will be or have been made available as required by said Act.

\_\_\_\_\_  
Jim Nash, Secretary of the Drainage Board

Dated: May 19, 2021

**Agenda Item No. 6**

GLWA-Drainage District Agreement for Drone and  
Video Photography





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

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

**FROM: Joel Brown, P.E. Oakland County Water Resources Commissioner's Office  
Stephen Downing, Macomb County Public Works Commissioner's Office**

**SUBJECT: GLWA and OMIDDD Agreement for Drone and Video Photography as part of the  
NESPS Pumping and Electrical Upgrades Project**

**DATE: May 19, 2021**

On October 21, 2020, the OMIDDD Board approved the use of GLWA's drone photography services to document construction progress of the NESPS Pumping and Electrical Upgrades Project with a budgetary amount of \$7,200. The Great Lakes Water Authority (GLWA) has formally documented this agreement in the form of a memorandum of understanding between OMIDDD and GLWA that details the scope of work, the cost arrangement and articulates the permitted use of the photographs, which is mostly limited to updating the OMIDDD Board and tributary communities. However, other uses can be permitted if agreed upon. Clark Hill has reviewed the agreement and found the terms to be acceptable. The cost arrangement is within the anticipated budget authorized by the Board. These services will be paid for through the NESPS Pumping and Electrical Upgrades Project funds.

**RECOMMENDED ACTION: Approve the attached GLWA and OMIDDD Agreement for Drone and Video Photography to take construction progress photos of the NESPS Pumping and Electrical Upgrades Project.**

**INTERGOVERNMENTAL AGREEMENT**  
**BETWEEN**  
**GREAT LAKES WATER AUTHORITY**  
**AND**  
**OAKLAND MACOMB INTERCEPTOR DRAINAGE DISTRICT**

**Aerial Drone Photographs and Video Sessions of the Northeast Pump Station**

**INTERGOVERNMENTAL AGREEMENT  
BETWEEN  
GREAT LAKES WATER AUTHORITY, A MICHIGAN MUNICIPAL AUTHORITY  
AND  
OAKLAND MACOMB DRAINAGE DISTRICT**

This Intergovernmental Agreement (“Agreement”) is entered into by and between the Great Lakes Water Authority, a Michigan municipal authority (“GLWA”), and the Oakland Macomb Interceptor Drain Drainage District, an intercounty drain (“OMID”). GLWA and OMID may be referred to individually as a “Party” or collectively as the “Parties”.

**Recitals**

- A. This Agreement is made for the purpose of fixing the rights and obligations of the Parties with respect to the aerial drone photographs and video sessions of the Northeast Pump Station (the “Project”); and
- B. Public Act 35 of 1951, MCL 124.1, *et seq.*, as amended, authorizes municipalities to contract among themselves for the performance of services; and
- C. The Parties have reached an understanding with each other regarding the performance of the Project and desire to set forth this understanding in the form of this Agreement.

Now therefore, in consideration of the mutual understandings of the Parties and in conformity with applicable law, it is agreed as follows:

**ARTICLE 1  
DEFINITIONS**

Wherever used in this Agreement, the following terms shall have the meanings indicated which shall be applicable to both the singular and plural thereof:

- 1.1 “Project Costs,” shall be the actual cost of conducting aerial drone photography, including direct labor, equipment, and materials costs.

**ARTICLE 2  
TERM OF CONTRACT**

- 2.1 The effective date of this Agreement shall be January 1, 2021 and shall terminate upon completion of the Project or June 30, 2023, and receipt in full of all payments due hereunder.

**ARTICLE 3  
OMID’S RESPONSIBILITIES**

- 3.1 At least two weeks prior to an aerial drone photographs and video session, OMID shall request a session by contacting the GLWA Security and Integrity employee named in Article 9.

- 3.2 OMID shall attend the aerial drone photographs and video session to ensure that the session is satisfactory.
- 3.3 OMID shall ensure that the photographs and video are used only to update its Drainage Board and the communities that it serves with the progress of the improvements to the Northeast Pump Station. If OMID desires to disclose the photographs and videos for any other purpose, it shall secure the approved of GLWA first. Notwithstanding the foregoing, the Parties acknowledge that they are subject to public disclosure laws relating to the disclosure of public information, and may be required to disclose information in a judicial or administrative proceeding or as requested or required to be disclosed by law or regulation. Accordingly, the Parties agree to the following procedure in connection with a request for photographs and video that is the subject of this Agreement. OMID may disclose photographs and video pursuant to any judicial order, subpoena, discovery request, public records request, or similar method (“demand for disclosure”) subject to the notification procedure set forth herein. Prior to disclosing photographs and video not authorized herein and pursuant to any demand for disclosure, OMID agrees to promptly notify GLWA, in writing of such demand for disclosure before disclosing the information, so that the GLWA, at its sole expense, shall have sufficient time in order to prevent disclosure or seek to make such disclosure subject to a protective order or other appropriate remedy.
- 3.4 OMID shall pay all actual Project Costs.

#### **ARTICLE 4 GLWA’S RESPONSIBILITIES**

- 4.1 GLWA shall perform all aerial drone photography and videography of the Northeast Pump Station.
- 4.2 GLWA shall appoint a Federal Aviation Administration certified drone pilot to fly the aerial drone for the Project.
- 4.3 GLWA shall keep accurate records and accounts of the Project Costs, that shall be accessible for inspection and audit upon request by an authorized representative of OMID.

#### **ARTICLE 5 PROJECT COSTS; COST SHARING**

- 5.1 All actual Project Costs incurred by GLWA shall be charged to the Project and shall be paid in full by OMID in accordance with Exhibit A.

#### **ARTICLE 6 PAYMENT TERMS**

- 6.1 OMID shall pay GLWA the Project Costs in accordance with Exhibit A and as set forth below.
- 6.2 For each progress billing, GLWA shall certify that the amount invoiced is for Project work satisfactorily completed for the subject billing period.
- 6.3 Upon certification by GLWA, OMID shall make payment of each progress billing within thirty (30) days of receipt of the progress billing from GLWA. All payments shall be made in the manner specified in the GLWA invoice.
- 6.4 GLWA shall establish and maintain accurate records, in accordance with generally accepted accounting principles, of all expenses incurred for which payment is sought or made under this Agreement ("Records"). Separate accounts shall be established and maintained for all costs incurred under this Agreement. GLWA shall provide any additional and reasonable information upon request of OMID.
- 6.5 GLWA shall maintain the Records for at least three (3) years from the date of final payment by OMID under this Agreement. In the event of a dispute regarding the allowable expenses or any other issue under this Agreement, GLWA shall thereafter continue to maintain the Records at least until that dispute has been finally decided and the time for all available legal challenges or appeals of that decision has expired.
- 6.6 OMID or its representative may inspect, copy, or audit the Records during regular business hours after giving GLWA reasonable notice of the inspection.
- 6.7 If any part of the Project work is subcontracted by GLWA, GLWA shall ensure compliance with the terms and conditions of this Agreement for all subcontracted work.

## **ARTICLE 7 FORCE MAJEURE**

- 7.1 No failure or delay in performance of this Agreement by any Party shall be deemed to be a breach thereof when such failure or delay is caused by a force majeure event including, but not limited to, any Act of God, strikes, lockouts, wars, acts of terrorism, riots, epidemics or pandemics, explosions, sabotage, breakage or accident to machinery or lines of pipe, the binding order of any court or governmental authority, or any other cause, whether the kind enumerated in this Article 7 or otherwise not within the control of a Party, except that no cause or contingency shall relieve OMID of its obligation to make payment of the Project Costs.

## **ARTICLE 8 HOLD HARMLESS**

- 8.1 Each Party shall be fully responsible for any claims arising out of its own acts and/or omissions during the performance of this Agreement, and this Agreement is not intended nor shall it be interpreted as giving either Party a right of indemnification for claims arising out of the performance of this Agreement. This 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. Nothing in this Agreement shall be construed as a waiver of the privileges and immunities as provided by law afforded to the Parties. The Parties expressly reserve all privileges and immunities as provided by law.

## **ARTICLE 9 NOTICES**

- 9.1 Notice of Termination for Cause, Notice of Termination for Convenience, Notice to Proceed and Change of Address Notice shall be given in writing, mailed by postage prepaid, signed by the authorized representative of such Party and addressed as follows:

<u>If to GLWA:</u>  Lt. Charnele Sanders Great Lakes Water Authority 735 Randolph, Suite 1901 Detroit, MI 48226 Charnele.Sanders@glwater.org  And a copy to:  Randal Brown, General Counsel Great Lakes Water Authority 735 Randolph, Suite 1901 Detroit, MI 48226 Randal.Brown@glwater.org	<u>If to OMID:</u>  Joel Brown OCWRC Assistant Chief Engineer One Public Works Drive, Building 95 West Waterford, MI 48328  And a copy to:  Meg Koss OCWRC Office Staff Assistant Attorney One Public Works Drive, Building 95 West Waterford, MI 48328
---	---

- 9.2 All other notices, consents, approvals, requests and other communications required or permitted under this Agreement may be given by a Party by e-mail at the e-mail addresses set forth in Section 9.1.
- 9.3 Either Party to this Agreement may change its authorized representative in Section 9.1, postal address, and/or e-mail address at any time by giving notice of the address change to the other Party.
- 9.4 Notices shall be deemed given on the day of mailing or e-mailing.
- 9.5 Each Party agrees that any notice given in the manner specified in this Article 9 shall be sufficient and waives any and all claims relative to the sufficiency of such notice.

## **ARTICLE 10 TERMINATION**

- 10.1 Unless the Parties mutually agree to terminate the Project, this Agreement shall not be subject to termination prior to the Termination Date set forth in Article 2. Termination of this Agreement as set forth in Article 2 will not relieve OMID of its share of the Project Costs incurred up to the date of termination of the Agreement.

## **ARTICLE 11 AMENDMENT**

- 11.1 The Parties may, from time to time, consider it in their best interests to change, modify or extend a term, condition or covenant of this Agreement. Any such change, addition, deletion, extension or modification, which is mutually agreed upon by the Parties, shall be incorporated in a written amendment to this Agreement. Such amendments shall not invalidate this Agreement nor relieve or release any Party of any of its respective obligations under this Agreement unless so stated in the amendment.
- 11.2 No amendment to this Agreement shall be effective and binding upon the Parties unless it expressly refers to this Agreement, is in writing, is signed and acknowledged by duly authorized representatives of the Parties.

## **ARTICLE 12 MISCELLANEOUS**

- 12.1 There are no third-party beneficiaries of this Agreement.
- 12.2 A waiver of any of the provisions of this Agreement shall not constitute a waiver of any other provisions of this Agreement, nor shall any one waiver constitute a continuing waiver. All waivers shall be in writing.
- 12.3 The rights and remedies set forth in this Agreement are not exclusive and are in addition to any of the rights or remedies provided by law or equity. This Agreement and all actions arising under it shall be governed by, subject to, and construed in accordance with the laws of the State of Michigan. Each Party agrees, consents, and submits to the exclusive personal jurisdiction of any state or federal court of competent jurisdiction in Michigan, for any action arising out of this Agreement.
- 12.4 Article headings in this Agreement have been inserted solely for the sake of convenient reference and shall not be used to construe or interpret the scope or intent of this Agreement or in any way affect the same.
- 12.5 If any provision of this Agreement or its application to any person or circumstance shall to any extent be invalid or unenforceable, the remainder of this Agreement shall not be affected and shall remain valid and enforceable to the fullest extent permitted by law.

- 12.6 This Agreement shall not be assigned, in whole or in part, by either Party.
- 12.7 This Agreement, including its Exhibit A, embodies the entire agreement and understanding between the Parties and supersedes all prior agreements and understandings related to the subject matter thereof. No rights or remedies are, or will be, acquired by either Party orally, through implication or otherwise, unless set forth herein.
- 12.8 This Agreement may be executed in counterparts, each of which will be deemed an original but all of which together will constitute the Agreement.
- 12.9 This Agreement is effective only upon being fully executed by the authorized representative of each Party.

Accordingly, GLWA and OMID, by and through their duly authorized officers and representatives, have executed this Agreement as of the dates of their respective signatures below:

**Oakland Macomb Interceptor Drain Drainage District:**

By: \_\_\_\_\_  
[Type Name]

Its: \_\_\_\_\_

Date: \_\_\_\_\_

**Great Lakes Water Authority:**

By: \_\_\_\_\_  
Sue F. McCormick, CEO

Date: \_\_\_\_\_

APPROVED BY  
GLWA BOARD OF DIRECTORS ON:

N/A

APPROVED AS TO FORM BY  
GLWA GENERAL COUNSEL ON:





**EXHIBIT A**  
**Project Costs**

GLWA shall charge OMID for drone sessions as follows:

<b>Costs</b>	<b>Unit</b>	<b>Rate</b>	<b>Minimum Charge per Session</b>
FAA-Certified GLWA Drone Pilot	Hourly	\$40/hour for first 8 hours  \$56/hour for any time after 8 hours	\$120 for the first 3 hours
Aerial Drone Operation and Maintenance Costs	Per Flight Hours	\$13/hour	\$13 for the first hour

GLWA shall charge a minimum of 3 hours per session. Charges after 3 hours shall be in hour intervals. The costs of the GLWA drone pilot are inclusive of travel time to and from the GLWA team member's principal place of work and the Project Site, time at the Project site and time processing the footage.

GLWA shall charge a minimum of 1 hour for aerial drone operations and maintenance costs. Charges after 1 hour shall be based on minutes the drone is in the air and recorded on the drone.

These rates cover costs to GLWA and will not generate any profits.

Prior to the start of session, GLWA shall notify OMID, in writing, if these rates increase based on actual costs incurred by GLWA. GLWA shall not charge for any other expenses unless approved by OMID.

*(End Exhibit A)*

## **Agenda Item No. 7**

### **Change Order**

## CHANGE ORDER NO. ELEVEN

### 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

#### Authorization for:

CONST.

MANAGER: **Walsh Construction Co. II, LLC**

- 1.) Furnish and install Wall Louvers and Dampers at Electrical Building Corridor Area; 2.) Provide credit to Contract for deletion of discharge piping interior coating; 3.) Furnish and install Carbon Fiber protective interior lining in Discharge Piping; 4.) Perform condition survey of Pump # 4 discharge piping interior coating; 5.) Reimbursement for cost of Transformer T-3 expedited delivery; 6.) Provide credit for deletion of two NGR Concrete foundation pads; 7.) Furnish Manual Transfer Switch and extension cables for generator connection to CS-9 power unit; 8.) Provide budget for revisions to Generator/ Switchgear PLC programming and generator interlocks; 9.) Provide budget for accelerated delivery of 24kv primary power cable; 10.) Provide additional budget for engineering and components for MV Starter gear.

Address: 3031 West Grand Blvd., Suite 640  
Detroit, MI 48202

Change Order No. 11 Date: May 05, 2021

No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
11- #1	<b><u>LOCATION</u></b>  <b>Northeast Sewage Pumping Station; Detroit, Wayne County, Michigan</b>					
	<b><u>DESCRIPTION (Extra/Add):</u></b>  Add two ventilation Louvers with gravity dampers (16" x 16") in Corridor # 1 Walls.	LS	1 ea.	\$6,569.19	\$6,569.19	-0-
	<b><u>REASON: (#11-1)</u></b>  City of Detroit Building Code permit requirements necessitated additional ventilation to be installed in the corridor area					

**OMID DD NESPS; Pump & Electrical Upgrades Project; C.O. # 11**

No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
	<p>REASON (#11-1, continued)</p> <p>that connects the proposed Electrical Building main floor to basement level, and to the adjacent (existing) NESPS structure.</p> <p><u>Attachment:</u> Walsh Construction PCI # 970037</p>					
11 #2	<p><b><u>DESCRIPTION: (Change/ Credit):</u></b></p> <p>Provide a deductive credit for the deletion of the Sewage Pump Discharge Piping Interior protective coating system for the remaining embedded wall sections of piping for Pumps # 1,2,5, and 6. (<i>Note: The original coating system to be deleted will be replaced by an improved, alternative coating system. Refer to Item # 11-3, below</i>)).</p> <p><b><u>REASON:</u></b></p> <p>A continuing review of improved coating systems provided information on an alternative product capable of providing substantially enhanced pipe lining protection with structural reinforcement capabilities, and available at a significant cost reduction.</p> <p><u>Attachment:</u> Walsh Construction PCI # 970041</p>	LS	1 ea.	\$900,000.00	-0-	(\$900,000.00)
11- #3	<p><b><u>DESCRIPTION: (Change/ Add):</u></b></p> <p>In concert with C.O. Item 11-2 (above), provide a Sewage Pump Discharge embedded wall pipe lining using the "QuakeWrap" Carbon Fiber coating system for Sewage Pumps # 1,2,5, and 6.</p> <p><b><u>REASON: (11-#3)</u></b></p> <p>Upon further evaluation of the existing embedded discharge pipe condition and the increasing familiarity with the carbon fiber lining products, it was judged that superior long term performance of the piping system with respect to corrosion resistance and structural integrity would be provided by the QuakeWrap system</p>	LS	1 ea.	\$523,991.25	\$523,991.25	-0-

**OMID DD NESPS; Pump & Electrical Upgrades Project; C.O. # 11**

No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
	<p>REASON: # 11-3, continued.</p> <p>in lieu of conventional coating products.</p> <p>Attachment: Walsh Construction PCI # 970063</p>					
11- #4	<p><b><u>DESCRIPTION: (Extra/ Add):</u></b></p> <p>Perform condition evaluation of the interior coating on OMID Sewage Pump # 4 discharge piping segments.</p> <p><b><u>REASON: (#11-4)</u></b></p> <p>Sewage Pump # 4 was installed in the NESPS under the original OMID DD Segment 2 Contract 3 project in 2016. It was determined that a physical inspection to evaluate the performance of the interior discharge pipe coating would be valuable to assist in selecting a coating system appropriate for both new discharge piping as well as re-coating of portions of the existing piping destined to remain in service.</p> <p>This inspection required installation of temporary scaffolding and the removal and replacement of an existing 78" dia. 90 degree elbow in the discharge piping system to provide access for manned entry. <i>(Note: This inspection resulted in a very favorable opinion of the coating condition used for the Pump 4 piping system).</i></p> <p>Attachment: Walsh Construction PCI # 970046</p>	LS	1 ea.	\$8,650.46	\$8,650.46	-0-
11- #5	<p><b><u>DESCRIPTION: (Extra/ Add):</u></b></p> <p>Reimburse the Construction Manager for the cost of supporting an expedited procurement schedule for NESPS Primary Transformer No.3</p>	LS	1 ea.	\$76,140.00	\$76,140.00	-0-

**OMID DD NESPS; Pump & Electrical Upgrades Project; C.O. # 11**

No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
	<p><b><u>REASON: (# 11-5)</u></b></p> <p>The existing (aged) primary power Transformer # 2 unexpectedly failed in service leaving the NESPS with a single source of primary power and only standby diesel generators available for redundant backup. The initial cost and schedule estimates for repair of this major electrical component were determined to be unacceptable and in addition, current plans include the transformer to be retired and replaced under the current Pump &amp; Electrical upgrades project in the near future.</p> <p>The preferred alternative was to work with the transformer supplier to expedite the manufacture and delivery of the replacement transformer to a substantially improved delivery date, which necessitated significant additional costs</p> <p>Attachment: Walsh Construction PCI 970049</p>					
11- #6	<p><b><u>DESCRIPTION (Change/ Credit):</u></b></p> <p>Provide credit for the deletion of two ea. "Neutral Ground Resistor" (NGR) concrete foundations in the proposed T-3 and T-4 Transformer enclosures.</p> <p><b><u>REASON:</u></b></p> <p>The manufacturer's design for the new primary transformers does not require a separate pad for the NGR units, thereby eliminating the need for these structural components.</p> <p>Attachment: Walsh Construction PCI # 970051</p>	LS	1 ea.	(\$2,261.00)	-0-	(\$2,261.00)
11- #7	<p><b><u>DESCRIPTION: (Extra/ Add):</u></b></p> <p>Furnish a Manual Transfer Switch (MTS) and power cable with couplings for emergency generator power for Control Structure 9 (CS-9).</p>	LS	1 ea.	\$4,717.51	\$4,717.51	-0-

**OMID DD NESPS; Pump & Electrical Upgrades Project; C.O. # 11**

No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
	<p><b><u>REASON: (#11-7)</u></b></p> <p>The Control Structure #9 Sluice Gate operation is not equipped with a redundant means of power supply in the event of a DTE outage or other electrical malfunctions. The addition of an MTS with power cable extensions will allow operation of the facility with a portable standby generator unit, similar to those now provided at other OMID Control Structure facilities. (Note: The extension cable arrangement is also suitable for use at other OMID facilities to allow for emergency generator hookup.)</p> <p>Attachment: Walsh Construction PCI # 970056</p>					
11- #8	<p><b><u>DESCRIPTION (Extra/Add):</u></b></p> <p>Provide additional budget for Generator/ Switchgear Programmable Logic Computer (PLC) programming, including generator interlocks.</p> <p><b><u>REASON:</u></b></p> <p>This additional effort was recognized as necessary following detailed evaluations of the Generator/ Switchgear coordination, and includes additional wiring and engineering/drawing updates.</p> <p>Attachment: Walsh Construction PCI # 970064</p>	LS	1 ea.	\$13,007.25	\$13,007.25	-0-
11- #9	<p><b><u>DESCRIPTION (Extra/ Add):</u></b></p> <p>Provide additional budget for accelerating the manufacturer and delivery of the 24 kv primary power service electrical cable.</p> <p><b><u>REASON: (#11-9)</u></b></p> <p>The unanticipated failure of the existing (aged) NESPS transformer T-2 required an expedited</p>	LS	1 ea.	\$77,159.39	\$77,159.39	-0-



**OMID DD NESPS; Pump & Electrical Upgrades Project; C.O. # 11**

No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
11- #10	<p>REASON (#11-9), continued.</p> <p>delivery of the new Transformers and correspondingly the new power supply cable. The availability of the originally specified cable was not satisfactory which necessitated acquisition of the more readily available cable, however, at a higher (and therefore more costly) specification product.</p>					
	<p><b><u>DESCRIPTION (Extra/ Add):</u></b></p> <p>Provide additional budget for the Medium Voltage (MV) Starter components.</p> <p><b><u>REASON:</u></b> Additional evaluation of the requirements for the MV Switchgear Starter components led to the conclusion that additional equipment and engineering requirements were necessary to fully satisfy the new electrical equipment operations.</p> <p align="center">*****</p> <p><b><u>END OF CHANGE ORDER NO. 11 ITEMS</u></b></p> <p align="center">This Area Not Used</p>	LS	1 ea.	\$144,664.20	\$144,664.20	-0-

OMID DD NESPS; Pump & Electrical Upgrades Project; C.O. # 11

No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
	This Area Not Used					
					Amount Increase	Amount Decrease
				Totals	\$854,899.25	(\$902,261.00)
				Net Changes (Decrease)	-0-	(\$47,361.75)

OMID DD NESPS; Pump & Electrical Upgrades Project; C.O. # 11

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

Date: 05-07-21

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

Date: 5/11/2021

Approved By:  
Joel Brown, P.E.  
Project Manager, WRC

Date: \_\_\_\_\_

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

Date: 5/12/2021

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

Date: \_\_\_\_\_

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

Date: \_\_\_\_\_

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

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

Accepted by:

Dave Pauline

Date

11 MAY 2021

Title

PROJECT MANAGER

of: Walsh Construction Co. II, Inc.

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

This Change Order No. 11 was approved by the Drainage Board on: Date: \_\_\_\_\_

## **Agenda Item No. 8**

### Construction Estimates

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

**Regular Construction Estimate No. Seven**

**Page One of Two**

**April 01, 2021 through April 30, 2021**

Department No.: 6010101

Account No.: 731472

Fund No.: 84917

Program No.: 149015

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

Final Completion Date: July 28, 2023

Detroit, MI 48202

Contract No. 5977

Orig. GMP amount for Pump & Elec. Upgrades Project, not including CS-9 and Pre-Const. Balance \$44,107,745.18

Expended Pre-Construction Phase Amount (\$1,174,363.30)

Unused Pre-Construction Phase Budget (\$70,196.70)

CS-9 Budget from GMP (\$3,251,117.72)

**NESPS Pump & Elec. Upgrades Original Contract Budget** \$39,612,067.46

Change Orders, This Estimate: C.O.# 10 \$393,793.68

Previous Change Orders: (C.O. # 7 , 8 & 9) (Corrected Value 5-10-21) \$301,206.11

Unused Pre-Construction Phase Budget \$70,196.70

**Adjusted Construction Contract Amount:** \$40,377,263.95

Sub-Total To Date: (CS-9 Costs are Not included on this Estimate) \$7,337,503.08

Less Deductions: None

Gross Estimate: (Work in Place) Complete = 18.2 % \$7,337,503.08

Less Amount Reserved (10%) \$733,750.31

Total Amount Allowed To Date: \$6,603,752.77

Less Previous Estimates: \$5,588,560.04

Current Payment Due \$1,015,192.73

Reserve Payment to Contractor: None \$0.00

Balance to Finish: \$33,039,760.87

Accounting Auditor:

Amount To Be Reserved (From Above) \$733,750.31

Less Previous Transfers To Reserve (N/I C-9 Reserve) \$620,951.12

**Amount of Current Transfer** \$112,799.19

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

Regular Construction Estimate No. Seven  
Page Two of Two

04/01/ 2021 through 04/30/ 2021

Prepared by:



Date:

5-7-21

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

Recommended by:



Date:

5/12/2021

John Michalski, P.E., ASI

Recommended by:

\_\_\_\_\_

Date:

\_\_\_\_\_

Joel Brown, P.E. Oakland County WRC

Recommended by:

\_\_\_\_\_

Date:

\_\_\_\_\_

Stephen Downing; Macomb County OPWC

Approved for Payment by:

\_\_\_\_\_

Date:

\_\_\_\_\_

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

Regular Construction Estimate No. 7 ( April, 2021)

Approved By Board On:

\_\_\_\_\_

**OAKLAND MACOMB INTERCEPTOR DRAIN DRAINAGE BOARD**  
**For Construction of the Control Structure 9 Gate Installation**  
**Located in the City of Warren, Macomb County, Michigan**  
**Project ID 1-3308**

Regular Construction Estimate No. 5 (CS-9 Gate Installation)

April 01, 2021 through April 30, 2021

Department No.: 6010101  
Fund No.: 84917  
Project No.: 514263

Account No.: 730352  
Program No.: 149015  
Activity: FAC

Construction Manager at Risk,  
Walsh Construction Co.  
3031 West Grand Boulevard, Suite 640  
Detroit, MI 48202

Vendor # 23191

LI 43331; exp. 12/16/22

Date of Contract:

Dec. 16, 2019

Final Completion Date:

July 28, 2023

Contract No. 5977

Original Construction Contract Amount: ( CS-9 Gate Gate Installation)	\$3,251,117.72
Previous Change Orders: C.O. # 1 and 2	\$7,929.16
Change Orders This Estimate:	\$0.00
Total Net Change Orders:	\$7,929.16
Adjusted Contract Amount:	\$3,259,046.88
Sub-Total To Date: (CS-9 Charges only are included on this Estimate)	\$1,103,266.71
Less Deductions:	None
Gross Estimate: (Work in Place) 34 % Complete	\$1,103,266.71
Less Amount Reserved (10%)	\$110,326.67
Total Amount Allowed To Date:	\$992,940.04
Less Previous Estimates: Paid under NESPS Pump-Elec. Upgrade App # 6	\$512,745.31
Net Payment Request To Be Paid To Contractor:	\$480,194.73
Reserve Payment to Contractor:	\$0.00
Balance to Finish: \$ 2,155,780.17	Accounting Auditor: \$110,326.67
Less Previous Transfers To Reserve:	\$56,971.70
Amount of Current Transfer	\$53,354.97

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

Date: 5/07/21

Recommended by:   
Saju Sachidanandan, P. E.

Date: May 11, 2021

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

Date: \_\_\_\_\_

Recommended by: \_\_\_\_\_  
Stephen Downing; Macomb County OPWC

Date: \_\_\_\_\_

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

Date: \_\_\_\_\_

Regular Construction Estimate No. 5 (CS-9 Gate Installation)

Approved By Board On: \_\_\_\_\_

**OAKLAND MACOMB INTERCEPTOR DRAIN DRAINAGE BOARD**  
**For Construction of the NI-EA OMID Contract 1 - PCI 4 Rehabilitation**  
**Located in the City of Detroit, Wayne, Michigan**  
**Project ID 1-00000003308**

Regular Construction Estimate No. 2

Period: 04/01/21 through 04/30/21/21

Department No.:	6010101	Account No.:	731472
Fund No.:	84917	Program No.:	149015
Project No.:	100000003308	Activity:	FAC

Contractor:	Vendor # 29656 Contract # 6323
Marra Services, Inc.	LI # 44838 exp. 1/20/23
700 E. 73 rd. Street	Date of Contract: January 21, 2021
Cleveland, OH 44103	Final Completion Date: September 8, 2022

Original Construction Contract Amount	\$14,732,510.00
Previous Change Orders: (None)	\$0.00
Change Orders This Estimate: (None)	\$0.00
Total Net Change Orders: (None)	\$0.00
Adjusted Contract Amount:	\$14,732,510.00
Sub-Total To Date	\$579,066.00
Less Deductions: None	\$0.00
Gross Estimate: (Work in Place) 3.9% Complete	\$579,066.00
Less Amount Reserved (10%)	\$57,906.60
Total Amount Allowed To Date:	\$521,159.40
Less Previous Estimates	\$229,398.30
Net Payment Request To Be Paid To Contractor:	\$291,761.10
Reserve Payment to Contractor:	\$0.00
Balance to Finish: \$14,153,444.00	Accounting Auditor:
Amount to be Reserved from Above	\$57,906.60
Less Previous Transfers To Reserve:	\$25,488.70
Amount of Current Transfer	\$32,417.90

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

Date: 05-06-2021

Recommended by: Saju Sachidanandan  
Saju Sachidanandan, P. E.

Date: May 07, 2021

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

Date: \_\_\_\_\_

Recommended by: Stephen Downing  
Stephen Downing; Macomb County OPWC

Date: 5/10/2021

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

Date: \_\_\_\_\_

Regular Construction Estimate No. 2

Approved By Board On: \_\_\_\_\_



**Agenda Item No. 9**

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

# **Oakland Macomb Interceptor Drain (OMID) Repairs**

## **Project Progress Update**

Prepared by:

F. Klingler, P.E., B. Kelly, P.E., FK Engineering Assoc.  
S. Sachidanandan, P.E., L. Gilbert, P.E., NTH Consultants, Ltd.  
J. Michalski, P.E., Applied Science, Inc.; T. Moore, Metco  
J. Matteo, P.E., Jacobs Engineering, Inc.

## **May 19, 2021 OMIDDD Board Meeting**

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The following provides a status update as of the writing of this report (May 10, 2021) for the work completed for the Oakland-Macomb Interceptor Drain Repair Program (SRF Segments 1-4; Contract 7 PCI-4 repairs; Maintenance Repairs in PCI-5 through PCI-11A; Control Structure Modifications; NIEA Repairs; NESPS Upgrades; Odor/ Corrosion Control System, and other related work):

### **SRF Segment 1 Status:**

#### **Contracts 1&2 – Complete**

#### **System-wide Odor/Corrosion Study (No Contract Number) – Substantially Complete in April 2021:**

Engineering Consultant: Jacobs

##### **Project Budget Summary (including EWO No. 2):**

- |  |              |
|--|--------------|
| • Adjusted Project Budget (including Fan Testing Allowance of \$60,000): | \$531,447.00 |
| • Total Spent (through Feb. 2021):                                       | \$530,648.07 |
| • Remaining Budget (through Feb. 2021):                                  | \$798.93     |

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

- Study and additional requested work is substantially complete, with final draft report issued. Final draft report presented at April 2021 Drain Board meeting. Final report to be issued following any written final comments received by May, 2021.

### **SRF Segment 2 Status:**

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

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

**Schedule Status:** Complete July 31, 2014; Overall Contract closeout will be combined with closeout for NESPS Discharge Chamber Emergency Repairs (CO 2-E, et al).

## May 19, 2021 OMIDDD Board Meeting

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

**Construction Amt Invoiced:** \$5,151,543.52 Invoiced to date including Change Order 2E through 2J.

**Schedule Status:** Substantially Complete on 11/25/17, with additional Gatehouse lining work performed under Change Order 2-I and completed on March 31, 2019.

Recent manned inspections of the Gatehouse steel pipe discharge piping system revealed generalized coating failure over large portions of the interior surface. The interior Tnemec coating has substantially delaminated from the steel substrate in most visible areas of the piping. The installing Contractor, the pipe/coating fabricator, and the paint manufacturer have been notified and further investigations are underway as to the cause. A recovered sample of the failed coating has been submitted to the manufacturer (Tnemec) for analysis, and we are awaiting results of that analysis. The project warranties have now expired however, and as such, the Project Owners and Engineering Team are seeking options for resolution of this condition. The Segment 2, Contract 3 (Base Contract and Emergency Gatehouse Repairs) remains open pending resolution of this issue.



*West manifold Riser,  
Tnemec Coating*



*West Manifold Close-up of  
Peeled Coating*

### SRF Segment 3 Status:

**Contract 4: Complete**

### SRF Segment 4 Status:

**Contract 5A/5B – Complete**

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

**Contract 6 – Complete**

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

## May 19, 2021 OMIDDD Board Meeting

### **NESPS Odor/Corrosion Mitigation Sys (No Segment or Contract No.)** **Construction Completed, Post-Construction Services Ongoing:**

**Engineering Consultant:** LG Design, Inc., subsidiary of Jacobs

**Prime Construction Contractor:** CSM Mechanical, LLC

**Project Budget Summary:**

- CSM Mechanical, LLC (Adjusted Contract Value w/ CO No. 1 through CO No. 9): \$4,192,686.74
- CSM Balance to Finish w/ Retainage (PA No. 16, work through 12/31/2020): \$47,644.74
- Jacobs Budget (Design and CA/RPR, per EWO No. 3): \$1,272,470.46
- Remaining Jacobs Budget (through April 2021): \$63,753.81

**Milestone Schedule Summary:**

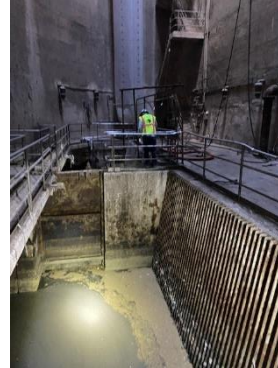
- Actual Final Completion date of December 23, 2020.

**Status of Major Project Tasks:**

- All major work is complete, Testing completed, and facility is in normal operating mode. Warranty issues with a 76-inch fabric duct in the wet well are being addressed by the Contractor.



*West side of Wet Well with  
Fabric Duct in Background*



*East side of Wet Well with Fabric  
Duct in Background*

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

**Amt Invoiced:** \$199,701 thru April out of current \$353,000 ASI engineering budget; Does not include Metco budget for ongoing flow control, maintenance, and coordination.

**Schedule Status:** Ongoing

**Advance modifications to facilitate the “Emergency Contingency Plan” are underway to allow pumping in the event of total power loss at NESPS or other catastrophic failure in the system:**

- A demonstration of the portable generator to energize OMID Pump 4 in event of total power loss is complete.
- Electrical work to allow the pump to better accept the generator is ongoing. The bus duct assembly is on site, with additional equipment necessary to complete the final installation being manufactured. Certain components of the electrical work are installed, with the remainder of

## May 19, 2021 OMIDDD Board Meeting

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the work to be completed in early June. Contractor EATON is working out several issues in the field to make the manufactured components fit correctly. A complete shutdown of the facility, including lights, pumps, elevator, etc. will be required to install the bus plate required to connect the new transition section to the existing switchgear.

- Manhole modifications for step removal completed at 6 of 7 locations through April 9, 2021.
- Advanced emergency plan document to include pumping details and traffic control from pump out locations is preliminarily complete; awaiting completion of manhole and electrical modifications to finalize the document.



***New Electrical Enclosure for Pump 4  
emergency electrification***

***Typical patching of removed  
manhole steps***



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

- Coordination between GLWA, MID, NESPS, Pump/Electrical Upgrade Project has not affected station operations nor hindered performance or abilities to meet demands.
- Monthly Wet well sediment measurements completed. No significant changes. Bar screen pass through ability good. Summary reports are in progress.
- Mechanical and Electrical corrective/preventative maintenance schedules continue to proceed without any problems.
- NESPS Transformer 3 remains out of service. Expedited replacement is in progress to restore redundancy. Transformer 4 and Standby Generator are supply and backup.
- Sanitary Pump #1 demolition in progress. Permanently removed from GLWA (Ovation) SCADA. GLWA also removed discharge flow transmitter.
- GLWA restored redundant service water loop to the station after the (South) feed was abruptly shut down in the field. Station now resumes its service from North and South.

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

- Sanitary Pumps #2, #4, 5 and #6 ready for duty. (490) CFS Capacity).
- April monthly pump mechanical preventative maintenance completed.
- Service Elevator rehabilitation complete. Temporary use permit still active. Working through miscellaneous inspector punch list items.
- Knox Box emergency entry safety equipment received and ready for installation.

## May 19, 2021 OMIDDD Board Meeting

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(Detroit Fire Department approved and regulated).

- NEXGEN asset management project progressing well. Contractor portal ready for use. Contractor training in progress.
- No odor complaints received since Oct 8<sup>th</sup> 2020.
- Bio Filter performance normal. Daily readings taken and recorded.
- Overall General Housekeeping tasks in order.

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

- Daily flow control operations support MID/OMID/GLWA repair and improvement projects. Coordination between all groups are going very well without any delays.
- All LOTO protocols implemented. (No issues to report).
- Annual preventative maintenance completed. (Annual PM's completed 4-10-21) No major issues to report.
- CS-6, In stand-by mode ready for service.
- CS-7, In stand-by mode ready for service.
- CS-8, In stand-by mode ready for service.
- CS-5, In stand-by mode ready for service. (Nitrogen tank scheduled for removal/repair 5-13)
- System wide remote communications are good.
- Routine daily rounds and inspection made no other maintenance issues to report at this time.

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

**Amt Invoiced:** \$69,772 Engineering services to date; Total design and construction budget currently established as \$500,000 (including contingencies and admin/legal).

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

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

## May 19, 2021 OMIDDD Board Meeting

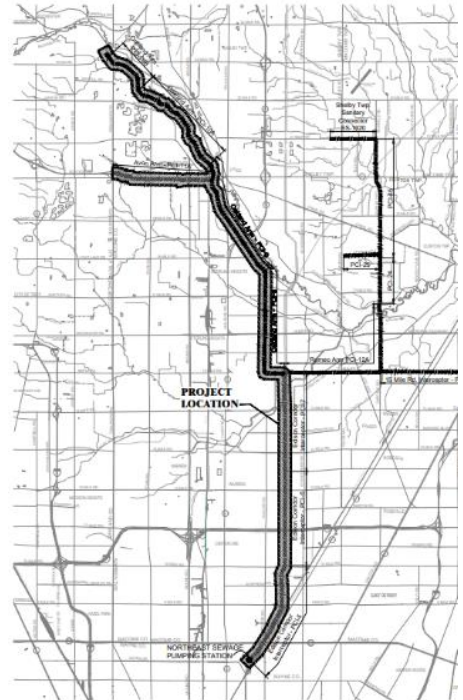
### OMID System 3-Year Spot Repairs and 6-Year Inspection Status:

**Amt Invoiced:** Total design and construction budget for 3-Year repairs currently is established as \$1,352,801 (including contingencies and admin/legal).

**Schedule and Progress Status:**

- Doestch field work for repairs complete 4/7/21, and work is considered substantially complete.
- Cleaning in limited section of PCI-11 is currently planned to start the week of 5/10/2021.
- The 6-Year inspection is authorized and is in planning, with work expected to start in June 2021.

**OMID Spot Repairs Project  
Location**



### NIEA Repairs (Design/Construction)

**Amt Invoiced:** \$1,898,009 out of currently projected study/design budget of \$2,400,570; Total design and construction budget currently is \$44,168,770 (including contingencies and admin/legal).

**Schedule Status:** Contract 1: Contractor mobilized and on schedule.  
Contract 2: 90% design work complete; current schedule issues are being worked out to address potential for construction delays due to potential flow control conflicts with GLWA. Contract 2 is tentatively expected to bid August 2021.



# May 19, 2021 OMIDDD Board Meeting

## Contract 1 (PCI-4 Rehabilitation)

- Easement agreements with GLWA for a Contractor Laydown area and with FCA (Chrysler) for an independent State Fair Ave. entrance roadway corridor are finalized. Work has commenced on construction fencing and entrance roadway to the laydown area for the project.
- The Contractor has setup traffic control provisions at the Outer Drive Access shaft location, and probe drilling to physically locate the PCI-4 interceptor position has been completed.
- The Contractor is proceeding with schedule and product submittals.
- The “Notice to the Neighborhood” letter advising the adjacent community of the start of the construction was hand delivered to the nearby residential and commercial establishments.
- Discussions are ongoing of options for repairing deteriorated upper 110 ft of PCI-4 under Contract 1. This section was re-lined only 3 years ago, and now in a state of major deterioration. Recent inspections determined material failure (not application issue). Working w/ material supplier (Milliken) to determine cause; working w/ C1 Contractor to cost lining options.
- Installation of educator wells underway the week of 4/19/2021. Work was complicated by mis-aligned adjacent sewer; no significant impacts to the final design are expected.



Contractor Installing dewatering well on 4/27/2021

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

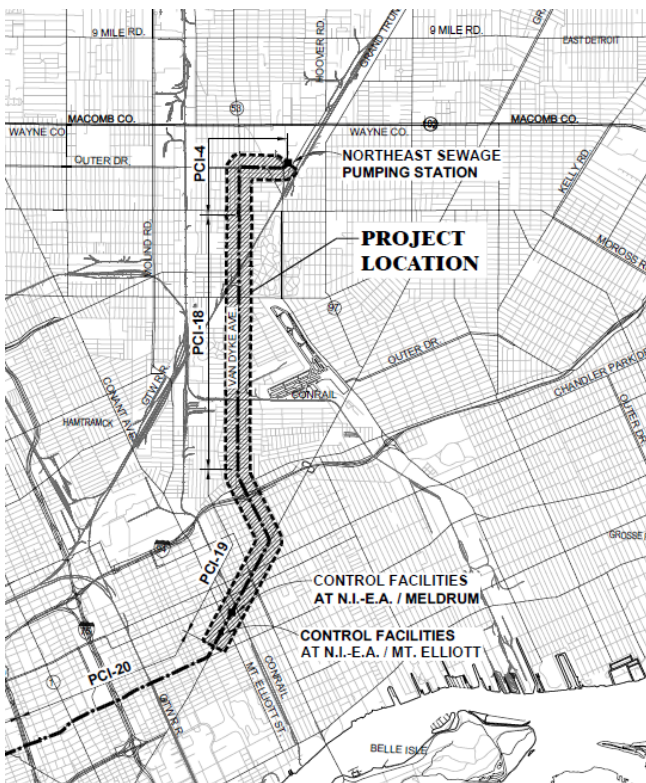
- Coordination meetings and discussions are ongoing regarding cost sharing of rehabilitation of common to all portions of the NI-EA and new control structures, and other miscellaneous design coordination efforts. GLWA is supportive of the general approach for the project.
- Currently working to address potential conflicts between C2 and GLWA Contract DB-226. This issue may delay C2, and/or result in modifying the contract delivery approach.
- NI-EA OMID Contract No. 2 PCI-18 & 19 Rehabilitation GLWA concept design review set has been issued and a OMID-GLWA workshop was conducted to go over the design concepts.
- NI-EA OMID Contract No. 2 PCI-18 & 19 Rehabilitation 90% design review set has been issued a design workshop has been conducted with the OMIDDD team.
- 100% design for PCI-18/19 rehabilitation project is underway.

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

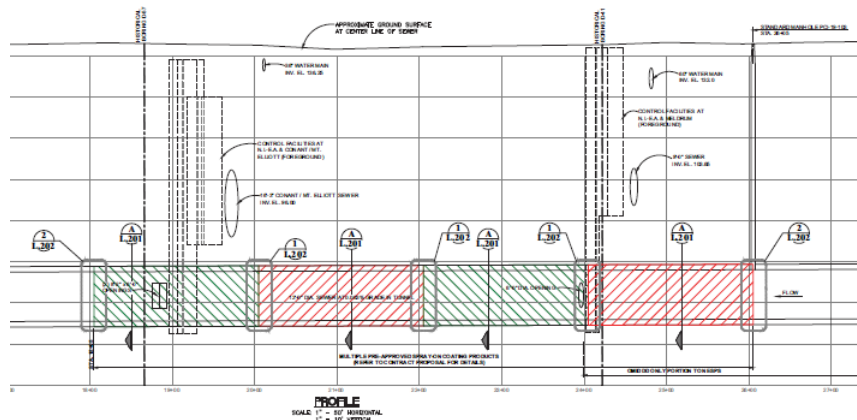


# May 19, 2021 OMIDDD Board Meeting

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



NI-EA OMID Contracts 1 & 2 Project Location



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

## May 19, 2021 OMIDDD Board Meeting

### NESPS Pump and Electrical Upgrades Project

**Budget Status:** \$1,280,139 billed out of current Design Budget of \$1,382,430; \$597,960 out of the current CCA Budget of \$2,443,262. Total design and construction budget currently established as \$43,581,019.93 including contingencies and admin/legal, through C.O. #10). The total amount invoiced to date as of April 30, 2021 is \$8,440,769.79 (including the Control Structure 9 Bulkhead Gate facility) representing 19.5% of the project adjusted contract value.

**Schedule Status:** On Schedule.

The following Design Team Effort work is active:

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

The following Construction Services work is active:

- Construction Phase services (RFI's, Submittals) are ongoing, and the engineering team is reviewing and responding.
- The Design team and Walsh working together to improve the sequence of construction and schedule. As part of this, Walsh has submitted an updated cost-loaded schedule.
- Final concrete for foundation walls and slab placed and perimeter backfill work to existing grades has also been completed.
- Work for the internal mechanical and electrical equipment has commenced with shop drawing and prep work. First major mechanical item was installation of knife gate valve at Pump No. 3.
- Structural Steel erection including metal deck installation for the Electrical Building is complete.
- Roofing work for the new Electrical Building will begin during the week of May 10, 2021 with re-roofing of the existing Pump Station to begin near the end of May 2021.
- Site work for the drainage system and Detention Pond is in progress, including the placement of surplus earth fill for the proposed future Solar Array Platform.
- Scheduling and preparations are being made to decommission Pump No. 1 and prepare the area for knife gate removal and replacement of the pump and motor. The P-1 motor has been removed and transported off site for disposal.
- Construction of the 24kv underground conduit line for primary station power originating at the GLWA Water Treatment Plant is underway and nearing completion.
- The **draft** line item schedule and budget are summarized:

Work Item/ Milestone		Design/CCA Budget	Const Budget	Estimated Delivery Date
2	Final Basis of Design			5/31/2019
7	MDEQ Submittal (Part 41 Permit)			4/8/2020 (initial pkg)
8	90% Design Submittal			6/30/20
9	Final Package Development			8/14/2020
Subtotal - Design		\$3,826,000	\$43,581,019	



# May 19, 2021 OMIDDD Board Meeting

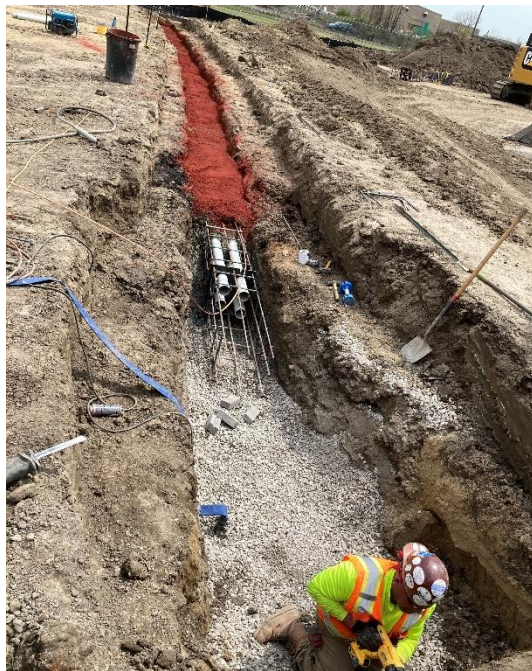
10	Substantial Completion	\$2,500,000 (est.)	\$43,300,000 (est.)	3/24/2023
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**NESPS Refurbishment  
Project Location**



**NESPS Electrical Building progress in April, 2021**



**NESPS underground electrical conduit in  
progress**



**Ongoing excavation at NESPS**





## May 19, 2021 OMIDDD Board Meeting

### Other

- No change since last month - - Met with EGLE to discuss continued use of existing and future gates for long term flow control and management in the OMID and NIEA systems. EGLE has no objections; OMID Team drafted a letter to formalize arrangement. Awaiting response.

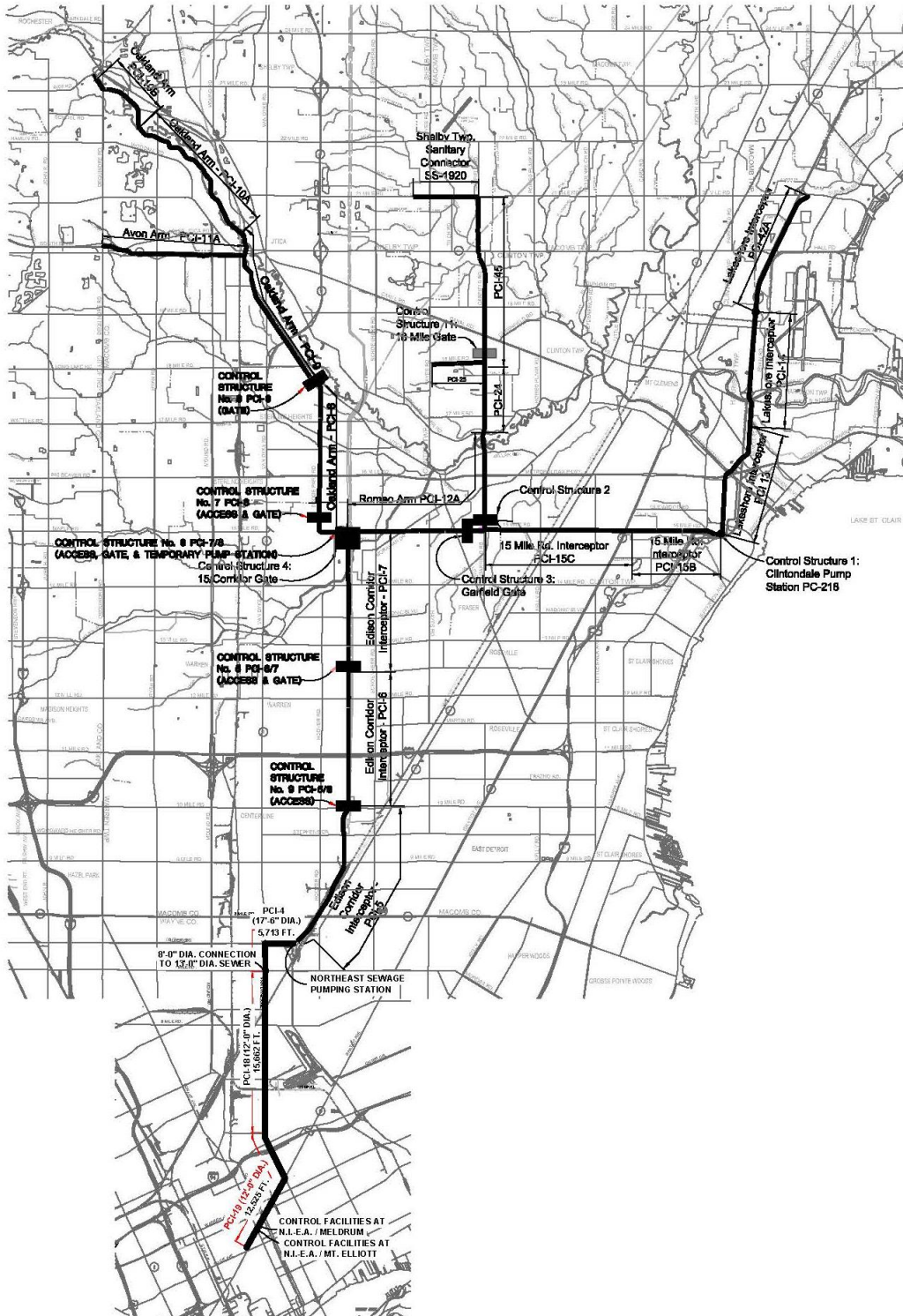
### Summary of OMID Design and Construction Status:

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 (Gatehouse)	IWPC (Weiss)	Y	Y	Y*	N*	N/A
2	Contract 3 (Grouting PCI-5 thru 8)	IWPC	Y	Y	Y	N*	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	N	N	N	N/A
N/A	Control Structure Modifications	CSM/Hesco/MCE	Y/Y/N	Y/Y/N	Y/N/N	Y/N/N	N/A
N/A	OMID Maintenance Repairs	Doetsch	Y	N	N	N	N/A
N/A	CS-9 Gate Modifications	Walsh as CMR	N	N	N	N	N
N/A	NESPS Pump & Electrical Upgrade	ASI; Walsh as CMAR	N	N	N	N	N
N/A	NIEA-OMIDDD Contract 1 (PCI-4)	Marra	N	N	N	N	N

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

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

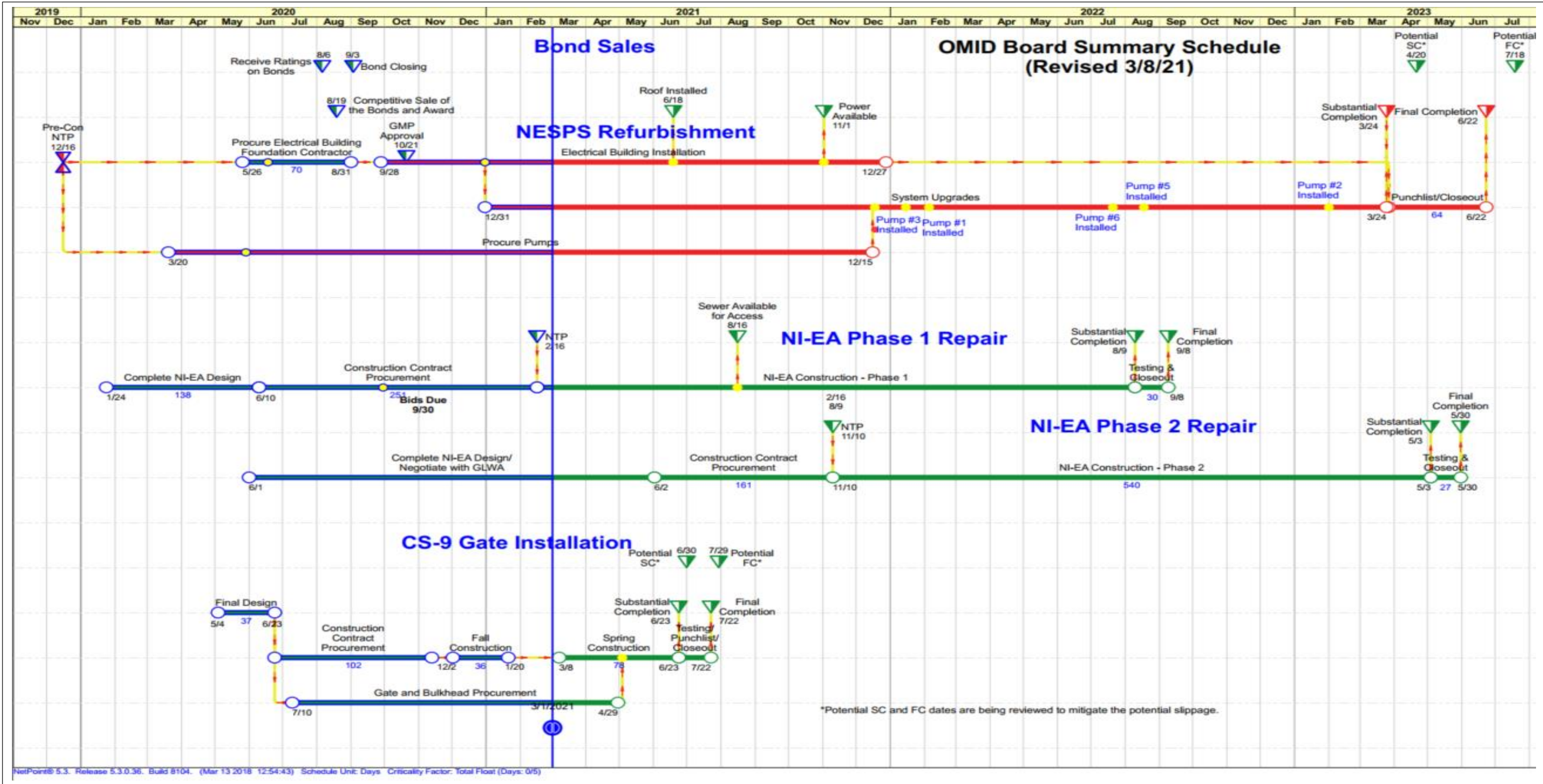
# May 19, 2021 OMIDDD Board Meeting



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



May 19, 2021 OMIDDD Board Meeting



## May 19, 2021 OMIDDD Board Meeting

### MID/OMID Construction Schedule

Project	Work Location	Owner	Lead Engineer	Contractor	2021							2022							2023					MID/OMID Control Devices Required to Store Flow									Concurrent Work Notes						
					M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	CS-2	CS-3		CS-5	CS-6	CS-6 PS	CS-7	CS-8	CS-9
MID Grouting (Preliminary schedule has GI and LSI work beginning when)	Lakeshore Interceptor (LSI)	MID	AEW	Doetsch	/	/	/	/																					-	-	-	-	-	-	-	n/a	N	Work is Random - If other work requires CS-3 closure, then LSI work will be concurrent. CPS can not be used for storage. Schedule duration is TBD based on grout takes.	
MID Drop Shaft Rehab	UT-S-1, ST-S-4, ST-S-5	MID	AEW	IWPC	/	/																							-	-	-	-	-	-	-	n/a	-	May require brief MID/OMID flow control. Local community bypass required into MID/OMID interceptor.	
MID Drop Shaft Rehab	MA-S-2, CT-S-2, HR-S-2	MID	NTH	IWPC	/																								-	-	-	-	-	-	-	n/a	-	May require brief MID/OMID flow control. Local community bypass required into MID/OMID interceptor.	
MID Inspection	Routine Inspection of MID Manholes & Interceptors	MID	Fishbeck	Doetsch	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	-	-	-	-	-	-	-	n/a	-	Work may require breief flow control to inspect certain reaches. Work will be coordinated around active construction.	
Segment 6 Lining	15 Mile upstream of Garfield & between CS-2/CS-3	MID	FKE	Ric-Man	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	Y	Y	N	-	-	-	-	-	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 preliminary.
ST-S-2, SY-S-1, WA-S-1 Meter Pit Rehab	ST-S-2, SY-S-1, WA-S-1	MID	HRC	Wiess	/	/																						-	-	-	-	-	-	-	-	-	Local by-pass pumping occuring.		
Segment 5 Lining*	15 Mile between ITC Corridor & Eberlein	MID	FKE	OR	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	-	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-4 Shaft & Lining	OMID	NTH	MARA	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	-	Y	N	Y	-	Y	Y	Y	-	H	If work is concurrent with Segments 5 & 6 Lining; CS-9 is required.
	PCI-18/19 Spot Repairs, Lining, and Flow Controls	OMID	NTH	TBD	/	/																							-	-	-	-	-	-	-	-	-	Shaft construction. MID/OMID flow control may be required depending on 7-Mile Relief Inter-Connection and PC-663 Gate status. Coordination with GLWA and downstream system when flow is diverted to 7 Mile Relief.	
OMID CCTV Inspection	Throughout System	OMID	NTH	Doetsch	/	/	/																					-	Y	Y	Y	-	Y	Y	-	n/a	H	Flow control will be required within certain reaches to facilitate.	
CS-9 Gate Installation	CS-9	OMID	NTH	Walsh	/	/																						-	Y	Y	Y	-	Y	Y	Y	n/a	H	May require brief flow control for installation. Will require flow control for operations testing and verification.	
NESPS Improvements	NESPS Pump Replacement	OMID	ASI	Walsh	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	-	Y	-	Y	-	Y	Y	Y	-	H	Will require brief flow control for pump installation, gate installation, and electrical work.	
DB-226 DRI Repairs	GLWA - DRI	GLWA	FKE	Jay Dee	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	-	-	-	-	-	-	-	-	-	Can be effected by flows rerouted from the NIEA to the DRI.		
NIEA Tunnel Connection	NIEA and Grand Blvd	GLWA	FKE	Jay Dee	/																							-	Y	Y	Y	-	Y	Y	-	n/a	H	2 weeks planned (Starting 5/17). Requires WRRF Coordination for PS-2 Drawdown.	
PSPS / COSDS Work (PSPS Shutdown)	PSPS	WRC	n/a	n/a	/																							-	-	-	-	-	-	-	-	-	Reduced diversion to PSPS through May (SMGD on Weekdays, none on weekends). Scheduled shut down of PSPS in August; no flow diversion to Pontiac WWTP (CRWRRF). Will significantly impact storaeen capabilities on the Oakland Arm CS gates. Shutdowns being considered during weekends.		

Table updated on 5/3/2021. Estimates to be updated as necessary.

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

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

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

$w^*$  - ■ irrelevant

 Flow Control Required



**Agenda Item No. 10**

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

YTD Trial Balance  
Fund: 84915 Oakland Macomb InterceptorSeg4  
As of Fiscal Period: Month 7, 2021

Run By: WRC\_REPORTING  
Run: 05/10/2021 at 05:54 PM  
Scope: 84915 Oakland Macomb InterceptorSeg4

ACCOUNT		Oakland Macomb InterceptorSeg4 100000001913	OMI NESPS GATEHOUSE SEG4 100000002232	NESPS Odor Corrosion StdY Seg4 100000002708	YTD Balance
100100	Cash - Operating	108,717.15	0.00	(305.01)	108,412.14
101900	Fund Cash Transaction	(41,038.00)	2,038.00	39,000.00	0.00
104100	Accrued Interest on Investment	42,416.22	0.00	0.00	42,416.22
201210	Vouchers Payable AP Cont	0.00	(2,038.00)	(37,212.72)	(39,250.72)
	Revenues	125,242.69	11,588.53	(138,462.50)	(1,631.28)
697551	Issuance of Bonds	140,229.12	12,808.38	(153,037.50)	0.00
	Expenditures	36,123.25	4,055.76	161,110.84	201,289.85
	Special Items- Uses	0.00	0.00	0.00	0.00
382100	FB Committed for Capital Proj	(411,690.43)	(28,452.67)	128,906.89	(311,236.21)
		0.00	0.00	0.00	0.00

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

Cash as of 04/30/2021	\$	108,412.14
Invoices/Reimbursements for Seg 4 on Current Agenda impacting Cash Balance		0.00
Invoices/Reimbursements for NESPS Gatehouse on Current Agenda impacting Cash Balance		0.00
Invoices/Reimbursements for NESPS NIEA-East Arm on Current Agenda impacting Cash Balance		(14,623.49)
Invoices/Reimbursements for NESPS Odor Corrosion Study on Current Agenda impacting Cash Balance		0.00
Total Net Cash Balance	\$	<u>93,788.65</u>

# Water Resources Commissioner

## PROJECT WORK IN PROGRESS

### Oakland Macomb Interceptor Seg4

#### 100000001913

(as of April 30, 2021)

	Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
<b>ADM - Administration</b>				
730926 - Indirect Costs		0.00	63,879.05	
730940 - Insurance		0.00	67,871.13	
731115 - Licenses and Permits		0.00	320,000.00	
731521 - Public Services		0.00	14,235.58	
732165 - Workshops and Meeting		0.00	29.66	
771638 - Drain Equip Labor		0.00	4,607.71	
771639 - Drain Equipment		0.00	269.47	
<b>Administration TOTALS</b>				
	390,165.00	0.00	470,892.60	(\$80,727.60)
<b>ENG - Engineering</b>				
731346 - Personal Mileage		957.60	17,255.21	
731521 - Public Services		0.00	40,605.00	
771638 - Drain Equip Labor		8,186.72	781,153.61	
771639 - Drain Equipment		416.48	84,160.10	
<b>Engineering TOTALS</b>				
	484,153.00	9,560.80	923,173.92	(\$439,020.92)
<b>ENGCON - Engineering Consultant</b>				
730639 - Engineering Services-Other		0.00	3,594,242.60	
731073 - Legal Services		0.00	108.00	
<b>Engineering Consultant TOTALS</b>				
	3,275,248.00	0.00	3,594,350.60	(\$319,102.60)
<b>FAC - Facility Acquisition</b>				
731472 - Project Construction and Impr		0.00	14,058,313.68	
731521 - Public Services		0.00	6,798.84	
750294 - Material and Supplies		0.00	228.00	
<b>Facility Acquisition TOTALS</b>				
	15,225,614.00	0.00	14,065,340.52	\$1,160,273.48
<b>INS - Inspection</b>				
730373 - Contracted Services		0.00	473.03	
731521 - Public Services		0.00	16,935.91	
<b>Inspection TOTALS</b>				
	17,408.00	0.00	17,408.94	(\$0.94)
<b>LEGAL - Legal and Financial</b>				
730639 - Engineering Services-Other		0.00	8,398.96	
730940 - Insurance		0.00	54,526.58	
731073 - Legal Services		0.00	124,753.11	
793938 - Discount on Bonds		0.00	6,964.10	
<b>Legal and Financial TOTALS</b>				
	191,321.00	0.00	194,642.75	(\$3,321.75)
<b>ROW - Right of Way</b>				
731563 - Recording Fees		0.00	50.67	
<b>Right of Way TOTALS</b>				
	0.00	0.00	50.67	(\$50.67)

**Water Resources Commissioner**  
**PROJECT WORK IN PROGRESS**  
**Oakland Macomb InterceptorSeg4**  
**100000001913**  
 (as of April 30, 2021)

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
<b>Project 100000001913 - Oakland Macomb InterceptorSeg4</b>			
<b>Total Project Expenses</b>			
<b>Budget Amount</b>	<b>Month-to-Date Expenses</b>	<b>Life-to-Date Expenses</b>	<b>LTD Variance</b>
\$19,583,909.00	\$9,560.80	\$19,265,860.00	\$318,049.00
<b>Total Project Revenue</b>			
<b>Account</b>	<b>Month-to-Date Revenue</b>	<b>Life-to-Date Revenue</b>	
605572-Special Assessments	(\$10,498.97)	\$8,358,856.38	
615572-State Capital Grants	\$0.00	\$1,105,350.77	
655077-Accrued Interest Adjustments	\$127.10	\$42,416.22	
655385-Income from Investments	\$192.43	\$650,921.47	
697551-Issuance of Bonds	(\$11,604.12)	\$728,410.53	
697753-State Revolving Fund Loans	\$0.00	\$8,490,000.00	
<b>TOTAL REVENUE</b>	<b>(\$21,783.56)</b>	<b>\$19,375,955.37</b>	
<b>REVENUE OVER/(UNDER) EXPENSES</b>		<b>\$110,095.37</b>	

**Water Resources Commissioner**  
**PROJECT WORK IN PROGRESS**  
**OMI NESPS GATEHOUSE SEG4**  
**100000002232**  
(as of April 30, 2021)

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
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**ADM - Administration**

730926 - Indirect Costs	0.00	1,217.23	
771638 - Drain Equip Labor	0.00	53.43	

**Administration TOTALS**

9,472.00	0.00	1,270.66	\$8,201.34
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**CONT - Contingency**
**Contingency TOTALS**

93,209.00	0.00	0.00	\$93,209.00
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**ENG - Engineering**

771638 - Drain Equip Labor	0.00	13,790.23	
771639 - Drain Equipment	0.00	598.96	

**Engineering TOTALS**

59,699.00	0.00	14,389.19	\$45,309.81
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**ENGCON - Engineering Consultant**

730639 - Engineering Services-Other	0.00	1,250,884.74	
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**Engineering Consultant TOTALS**

496,981.00	0.00	1,250,884.74	(\$753,903.74)
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**FAC - Facility Acquisition**

731472 - Project Construction and Impr	0.00	3,456,264.64	
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**Facility Acquisition TOTALS**

3,748,637.00	0.00	3,456,264.64	\$292,372.36
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**INS - Inspection**

771638 - Drain Equip Labor	0.00	1,277.93	
771639 - Drain Equipment	0.00	59.93	

**Inspection TOTALS**

5,000.00	0.00	1,337.86	\$3,662.14
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**LEGAL - Legal and Financial**

731073 - Legal Services	0.00	1,456.00	
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**Legal and Financial TOTALS**

6,000.00	0.00	1,456.00	\$4,544.00
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Project 100000002232 - OMI NESPS GATEHOUSE SEG4			
Total Project Expenses			
Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
\$4,418,998.00	\$0.00	\$4,725,603.09	(\$306,605.09)
Total Project Revenue			
Account	Month-to-Date Revenue	Life-to-Date Revenue	
605572-Special Assessments	(\$11,588.53)	\$2,423,399.75	
697551-Issuance of Bonds	(\$12,808.38)	\$2,302,203.34	
TOTAL REVENUE	(\$24,396.91)	\$4,725,603.09	
REVENUE OVER/(UNDER) EXPENSES		(\$0.00)	

# Water Resources Commissioner

## PROJECT WORK IN PROGRESS

### NESPS Odor Corrosion Stdy Seg4

#### 10000002708

(as of April 30, 2021)

	Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
<b>ADM - Administration</b>				
730926 - Indirect Costs		0.00	25,041.48	
730940 - Insurance		0.00	88,400.00	
<b>Administration TOTALS</b>	188,148.00	0.00	113,441.48	\$74,706.52
<b>CONT - Contingency</b>				
<b>Contingency TOTALS</b>	637,000.00	0.00	0.00	\$637,000.00
<b>ENG - Engineering</b>				
771638 - Drain Equip Labor		854.64	120,805.48	
771639 - Drain Equipment		22.44	4,538.35	
<b>Engineering TOTALS</b>	206,253.00	877.08	125,343.83	\$80,909.17
<b>ENGCON - Engineering Consultant</b>				
730373 - Contracted Services		-13,184.98	1,287,992.83	
730639 - Engineering Services-Other		0.00	59,195.44	
<b>Engineering Consultant TOTALS</b>	1,073,000.00	-13,184.98	1,347,188.27	(\$274,188.27)
<b>FAC - Facility Acquisition</b>				
730352 - Construction		0.00	662,863.90	
731472 - Project Construction and Impr		0.00	4,179,747.26	
<b>Facility Acquisition TOTALS</b>	4,600,000.00	0.00	4,842,611.16	(\$242,611.16)
<b>INS - Inspection</b>				
771638 - Drain Equip Labor		0.00	212,352.47	
771639 - Drain Equipment		0.00	32,443.08	
<b>Inspection TOTALS</b>	190,343.00	0.00	244,795.55	(\$54,452.55)
<b>LEGAL - Legal and Financial</b>				
731073 - Legal Services		0.00	1,744.00	
<b>Legal and Financial TOTALS</b>	15,000.00	0.00	1,744.00	\$13,256.00
<b>ROW - Right of Way</b>				
<b>Right of Way TOTALS</b>	46,000.00	0.00	0.00	\$46,000.00
<b>STD - Standard Operation</b>				
730352 - Construction		0.00	116,361.10	
730926 - Indirect Costs		0.00	3,729.80	
730940 - Insurance		0.00	139,930.93	
731906 - Testing Services		0.00	31,382.05	
771638 - Drain Equip Labor		0.00	4,613.57	
771639 - Drain Equipment		0.00	2,460.66	
<b>Standard Operation TOTALS</b>	38,010.00	0.00	298,478.11	(\$260,468.11)

**SUR - Survey Crew**

# **Water Resources Commissioner**

## **PROJECT WORK IN PROGRESS**

### **NESPS Odor Corrosion StdY Seg4**

**100000002708**

(as of April 30, 2021)

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

<b>Project 100000002708 - NESPS Odor Corrosion StdY Seg4</b>			
<b>Total Project Expenses</b>			
Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
\$7,004,000.00	(\$12,307.90)	\$6,973,602.40	\$30,397.60
<b>Total Project Revenue</b>			
Account	Month-to-Date Revenue	Life-to-Date Revenue	
605572-Special Assessments	\$22,087.50	\$3,265,698.54	
697551-Issuance of Bonds	\$24,412.50	\$3,709,386.13	
<b>TOTAL REVENUE</b>	<b>\$46,500.00</b>	<b>\$6,975,084.67</b>	
<b>REVENUE OVER/(UNDER) EXPENSES</b>		\$1,482.27	

ACCOUNT		YTD Balance No Project	OMID Segment 5 100000003252	OMID NI-EA CONSTRUCTION 100000003308	ELEC CONSTRUCTION 100000003309	YTD Balance
100100	Cash - Operating	0.00	73,450,388.67	441,803.05	1,541,052.23	75,433,243.95
104100	Accrued Interest on Investment	0.00	(19,369.10)	0.00	0.00	(19,369.10)
201210	Vouchers Payable AP Cont	0.00	0.00	(84,238.72)	(15,908.66)	(100,147.38)
	Revenues	402,211.79	1,829,464.47	(366,867.07)	(1,936,242.87)	(71,433.68)
697551	Issuance of Bonds	0.00	7,866,890.06	(1,253,132.93)	(6,613,757.13)	0.00
	Expenditures	0.00	0.00	1,262,435.67	7,024,856.43	8,287,292.10
	Special Items- Uses	0.00	0.00	0.00	0.00	0.00
382100	FB Committed for Capital Proj	(402,211.79)	(83,127,374.10)	0.00	0.00	(83,529,585.89)
		0.00	0.00	0.00	0.00	0.00

Cash as of 04/30/2021 \$ 75,433,243.95

Invoices/Reimbursements for NIEA Construction on Current Agenda impacting Cash Balance (173,958.16)

Invoices/Reimbursements for NESPS Mech / Electrical Construction on Current Agenda impacting Cash Balance (138,530.63)

Total Net Cash Balance \$ 75,120,755.16



# Water Resources Commissioner

## PROJECT WORK IN PROGRESS

### OMID NI-EA CONSTRUCTION

#### 100000003308

(as of April 30, 2021)

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
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**ADM - Administration**
**Administration TOTALS**

584,000.00	0.00	0.00	\$584,000.00
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**CONT - Contingency**
**Contingency TOTALS**

2,581,000.00	0.00	0.00	\$2,581,000.00
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**ENG - Engineering**

771638 - Drain Equip Labor

4,483.18

29,611.35

771639 - Drain Equipment

198.70

1,401.67

**Engineering TOTALS**

478,000.00	4,681.88	31,013.02	\$446,986.98
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**ENGCON - Engineering Consultant**

730639 - Engineering Services-Other

0.00

227,463.02

731444 - Prof Svc-Consultant

0.00

161,566.49

**Engineering Consultant TOTALS**

4,913,000.00	0.00	389,029.51	\$4,523,970.49
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**FAC - Facility Acquisition**

730352 - Construction

-18,313.65

512,745.31

731472 - Project Construction and Impr

19,106.56

311,858.70

**Facility Acquisition TOTALS**

17,983,600.00	792.91	824,604.01	\$17,158,995.99
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**INS - Inspection**
**Inspection TOTALS**

260,000.00	0.00	0.00	\$260,000.00
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**LEGAL - Legal and Financial**

731073 - Legal Services

0.00

4,320.00

**Legal and Financial TOTALS**

1,259,000.00	0.00	4,320.00	\$1,254,680.00
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**ROW - Right of Way**

771638 - Drain Equip Labor

1,251.35

12,966.91

771639 - Drain Equipment

44.20

502.22

**Right of Way TOTALS**

265,000.00	1,295.55	13,469.13	\$251,530.87
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**STD - Standard Operation**
**Standard Operation TOTALS**

40,000.00	0.00	0.00	\$40,000.00
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**SUR - Survey Crew**
**Survey Crew TOTALS**

32,000.00	0.00	0.00	\$32,000.00
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Project 100000003308 - OMID NI-EA CONSTRUCTION			
Total Project Expenses			
Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance

**Water Resources Commissioner****PROJECT WORK IN PROGRESS****OMID NI-EA CONSTRUCTION****100000003308**

(as of April 30, 2021)

Budget Amount		Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
\$28,395,600.00		\$6,770.34	\$1,262,435.67	\$27,133,164.33
<b>Total Project Revenue</b>				
Account		Month-to-Date Revenue	Life-to-Date Revenue	
605572-Special Assessments		\$0.00	\$366,867.07	
697551-Issuance of Bonds		\$0.00	\$1,253,132.93	
TOTAL REVENUE		\$0.00	\$1,620,000.00	
<b>REVENUE OVER/(UNDER) EXPENSES</b>			\$357,564.33	

**Water Resources Commissioner**  
**PROJECT WORK IN PROGRESS**  
**NESPS MECH-ELEC CONSTRUCTION**  
**100000003309**  
(as of April 30, 2021)

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
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**ADM - Administration**
**Administration TOTALS**

620,000.00	0.00	0.00	\$620,000.00
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**CONT - Contingency**
**Contingency TOTALS**

4,917,000.00	0.00	0.00	\$4,917,000.00
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**ENG - Engineering**

771638 - Drain Equip Labor

11,678.19

49,159.27

771639 - Drain Equipment

524.27

1,997.15

**Engineering TOTALS**

446,000.00	12,202.46	51,156.42	\$394,843.58
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**ENGCON - Engineering Consultant**

730639 - Engineering Services-Other

0.00

552,998.06

731444 - Prof Svc-Consultant

0.00

37,862.70

731458 - Professional Services

0.00

34,015.03

**Engineering Consultant TOTALS**

3,987,000.00	0.00	624,875.79	\$3,362,124.21
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**FAC - Facility Acquisition**

731472 - Project Construction and Impr

58,441.95

6,209,511.16

**Facility Acquisition TOTALS**

40,857,000.00	58,441.95	6,209,511.16	\$34,647,488.84
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**INS - Inspection**

771638 - Drain Equip Labor

15,337.02

77,539.79

771639 - Drain Equipment

1,761.87

9,923.27

**Inspection TOTALS**

285,000.00	17,098.89	87,463.06	\$197,536.94
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**LEGAL - Legal and Financial**

730940 - Insurance

0.00

51,850.00

**Legal and Financial TOTALS**

2,417,000.00	0.00	51,850.00	\$2,365,150.00
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**ROW - Right of Way**
**Right of Way TOTALS**

393,000.00	0.00	0.00	\$393,000.00
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**STD - Standard Operation**
**Standard Operation TOTALS**

130,000.00	0.00	0.00	\$130,000.00
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**SUR - Survey Crew**
**Survey Crew TOTALS**

34,000.00	0.00	0.00	\$34,000.00
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**Project 100000003309 - NESPS MECH-ELEC CONSTRUCTION**
**Total Project Expenses**

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
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**Water Resources Commissioner**  
**PROJECT WORK IN PROGRESS**  
**NESPS MECH-ELEC CONSTRUCTION**  
**100000003309**  
(as of April 30, 2021)

Budget Amount		Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
\$54,086,000.00		\$87,743.30	\$7,024,856.43	\$47,061,143.57
<b>Total Project Revenue</b>				
Account		Month-to-Date Revenue	Life-to-Date Revenue	
605572-Special Assessments		\$0.00	\$1,936,242.87	
697551-Issuance of Bonds		\$0.00	\$6,613,757.13	
TOTAL REVENUE		\$0.00	\$8,550,000.00	
REVENUE OVER/(UNDER) EXPENSES			\$1,525,143.57	

# Water Resources Commissioner

## PROJECT WORK IN PROGRESS

### OMID Segment 5

### 100000003252

(as of April 30, 2021)

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
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**ADM - Administration**

730177 - Bond Issuing Cost	0.00	242,201.57	
<b>Administration TOTALS</b>	0.00	242,201.57	(\$242,201.57)

**LEGAL - Legal and Financial**

730177 - Bond Issuing Cost	0.00	514,935.00	
<b>Legal and Financial TOTALS</b>	0.00	514,935.00	(\$514,935.00)

Project 100000003252 - OMID Segment 5			
Total Project Expenses			
Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
\$0.00	\$0.00	\$757,136.57	(\$757,136.57)
Total Project Revenue			
Account	Month-to-Date Revenue	Life-to-Date Revenue	
605572-Special Assessments	\$0.00	\$16,708,791.40	
655077-Accrued Interest Adjustments	\$61,567.59	(\$19,369.10)	
655385-Income from Investments	\$93,213.59	\$477,357.03	
655462-Increase Market Value Invest	\$0.00	(\$401,669.67)	
697219-Premiums on Bonds Sold	\$0.00	\$7,672,724.75	
697551-Issuance of Bonds	\$0.00	\$49,348,109.94	
<b>TOTAL REVENUE</b>	<b>\$154,781.18</b>	<b>\$73,785,944.35</b>	
<b>REVENUE OVER/(UNDER) EXPENSES</b>		<b>\$73,028,807.78</b>	

Oakland County - Water Resources Commissioner's Office  
Fund Equity: Schedule of Reserves and Dedicated Funds  
As of Date: April 30, 2021

Fund	Description	Major Maintenance	Emergency Maintenance Reserve	Capital Improvement	Undesignated	Committed for Capital Projects	Total Equity
82912	OMIDD Maintenance Fund	1,973,718.78	291,666.69	3,039,360.42	16,643,675.51		\$ 21,948,421.40
84915	OMIDD Seg 4						
	- Project 1-1913 Interceptor Seg 4					110,095.37	
	- Project 1-2232 NESPS Gatehouse					-	
	- Project 1-2708 NESPS Odor Corrosion Study					1,482.27	
	Total Segment 4						111,577.64
84917	OMIDD Seg 5						
	- No Project					402,211.79	
	- Project 1-3252 Interceptor Seg 5					73,028,807.78	
	- Project 1-3308 NIEA Mech. / Elect. Const.					357,564.33	
	- Project 1-3309 NESPS Construction					1,525,143.57	
	Total Segment 5						75,313,727.47
Total Equity in Maintenance and Construction Funds							\$ 97,373,726.51

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

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

OMI DD Meeting Date 05/19/2021

		84915	84915	84915	84917	84917	82912	
		1-1913	1-2232	1-2708	1-3308	1-3309		
<u>Payable To</u>	<u>Invoice #</u>	<u>Segment 4</u>	<u>Segment 4 - NIEA East Arm</u>	<u>Segment 4 - NESPS Odor Corrosion Study</u>	<u>Segment 5 NIEA Construction</u>	<u>Segment 5 NESPS Mech / Electric Construction</u>	<u>Opoperations &amp; Maintenance</u>	<u>Total</u>
Oakland County *	WRC Labor/Fringes/Non-direct Labor	4,308.80		512.79	3,821.39	13,031.91		\$21,674.89
Oakland County *	WRC Equipment	219.20		13.47	186.08	1,094.35		\$1,513.10
Oakland County *	WRC Mileage	957.60		0.00	0.00	0.00		\$957.60
Macomb County	Invoice # ARP210107 Personnel, SCADA Maint, & Utilities Invoice Date 4/29/21							\$0.00
Applied Science, Inc	Invoice # 27 (ASI Inv. #7834) Services 3/28/21 to 5/1/21					80,931.62		\$80,931.62
Clark Hill PLC	Invoice # 1081788 Matter 316432 Services Through 03/31/2021				216.00			\$216.00
Clark Hill PLC	Invoice # 1082352 Matter 404547 Services Through 03/31/2021				432.00			\$432.00
Kenedy Industries	Invoice # 624142 NESPS Field Service 3/15/21						2,153.00	\$2,153.00
Konecranes	Invoice # 154466738 25 Ton Trolly Rail Sweeps 4/7/21						2,902.00	\$2,902.00
Konecranes	Invoice # 154467071 25 Ton Gear Case Inspection 4/16/21						6,670.00	\$6,670.00
Konecranes	Invoice # 154467071 25 Ton Runway Rail Repair 4/13/21						59,869.50	\$59,869.50
Meadowbrook	Invoice # 5516 NESPS Q3 of 4 Installment Through 3/20/21					44,200.00		\$44,200.00
METCO	Invoice # 1811-28 Through 5/2/21						109,814.02	\$109,814.02
Motor City Electric Technologies	Invoice # 93641 NESP SCADA Cut Over Service Date 04/16/21						308.00	\$308.00
Motor City Electric Technologies	Invoice # 93642 NESP SCADA Cut Over Service Date 04/20/21						770.00	\$770.00
Motor City Electric Technologies	Invoice # 93643 NESP SCADA Cut Over Service Date 04/01/21						154.00	\$154.00
NTH Consultants	Inv # 05 NI-EA Construction Engineering Service Through 4/23/21				88,831.84			\$88,831.84
NTH Consultants	Inv # 07 NESPS Pumping and Electrical Upgrades Service Through 4/23/21					13,399.01		\$13,399.01
NTH Consultants	Inv # 10 OMIDD CS-9 Hydraulic Coontrol Gate Service Through 4/23/21				913.88			\$913.88
NTH Consultants	Inv # 10 OMIDD NESPS Safety Manual & Crane Support Service Through 4/23/21						4,398.62	\$4,398.62
NTH Consultants	Inv # 23 - OMIDD NI-EA Rehab Services Through 4/23/21				83,564.44			\$83,564.44
NTH Consultants	Inv # 27 - OMIDD System Immediate Repair Service Through 4/23/21						20,384.56	\$20,384.56
NTH Consultants	Inv # 55 - OMIDD NESPS Discharge Chamber Service Through 4/23/21		14,623.49					\$14,623.49
PM Technologies	Invoice # 0000147051 PLC Install Invoice Date 01/12/2021						9,735.00	\$9,735.00
Rotor Electric Company	Invoice # 12394 Switchgear Maintenance and Testing 12/28/20						332.50	\$332.50
Rotor Electric Company	Invoice # 12395 Switchgear Maintenance and Testing 12/28/20						3,191.18	\$3,191.18
Rotor Electric Company	Invoice # 12396 Switchgear Maintenance and Testing 10/23/20						1,200.00	\$1,200.00
Rotor Electric Company	Invoice # 12399 Switchgear Maintenance and Testing 02/02/2021						2,825.84	\$2,825.84
Rotor Electric Company	Invoice # 12419 Switchgear Maintenance and Testing 03/01/2021						11,738.99	\$11,738.99
Total Invoices/Reimbursements for Approval		\$5,485.60	\$14,623.49	\$526.26	\$177,965.63	\$152,656.89	\$236,447.21	\$587,705.08
	* Less WRC Charges already paid from OMI Fund	(5,485.60)	0.00	(526.26)	(4,007.47)	(14,126.26)	0.00	(23,187.99)
Total Invoices/Reimbursements that will impact Cash Balance listed on Current Trial Balance submitted to OMI Drain		\$0.00	\$14,623.49	\$0.00	\$173,958.16	\$138,530.63	\$236,447.21	\$563,559.49

## **Agenda Item No. 11**

### **Invoices**



OMI Segment 4 Project - WRC Equipment Charges for Trans Dates -04/10/2021 - 04/23/2021									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Assign Equipment	Cost Category	Project	Activity
834323	04/21/2021	04/12/2021	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	04/21/2021	04/13/2021	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	04/21/2021	04/14/2021	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	04/21/2021	04/15/2021	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	04/21/2021	04/16/2021	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	04/21/2021	04/19/2021	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	04/21/2021	04/20/2021	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	04/21/2021	04/21/2021	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	04/21/2021	04/22/2021	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	04/21/2021	04/23/2021	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	100000001913	ENG
834323	04/21/2021	04/12/2021	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	04/21/2021	04/13/2021	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	04/21/2021	04/14/2021	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	04/21/2021	04/15/2021	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	04/21/2021	04/16/2021	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	04/21/2021	04/19/2021	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	04/21/2021	04/20/2021	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	04/21/2021	04/21/2021	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	04/21/2021	04/22/2021	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
834323	04/21/2021	04/23/2021	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	100000001913	ENG
					<b>\$219.20</b>				

OMI Segment 4 Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 04/10/2021 - 04/23/2021									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Assign Equipment	Cost Category	Project	Activity
834323	04/21/2021	04/12/2021	POUSHO, ROBERT	8.00	\$430.88	REGULAR	WRCCON	100000001913	ENG
834323	04/21/2021	04/13/2021	POUSHO, ROBERT	8.00	\$430.88	REGULAR	WRCCON	100000001913	ENG
834323	04/21/2021	04/14/2021	POUSHO, ROBERT	8.00	\$430.88	REGULAR	WRCCON	100000001913	ENG
834323	04/21/2021	04/15/2021	POUSHO, ROBERT	8.00	\$430.88	REGULAR	WRCCON	100000001913	ENG
834323	04/21/2021	04/16/2021	POUSHO, ROBERT	8.00	\$430.88	REGULAR	WRCCON	100000001913	ENG
834323	04/21/2021	04/19/2021	POUSHO, ROBERT	8.00	\$430.88	REGULAR	WRCCON	100000001913	ENG
834323	04/21/2021	04/20/2021	POUSHO, ROBERT	8.00	\$430.88	REGULAR	WRCCON	100000001913	ENG
834323	04/21/2021	04/21/2021	POUSHO, ROBERT	8.00	\$430.88	REGULAR	WRCCON	100000001913	ENG
834323	04/21/2021	04/22/2021	POUSHO, ROBERT	8.00	\$430.88	REGULAR	WRCCON	100000001913	ENG
834323	04/21/2021	04/23/2021	POUSHO, ROBERT	8.00	\$430.88	REGULAR	WRCCON	100000001913	ENG
					<b>\$4,308.80</b>				

OMI Segment 4 Project - WRC Personal Mileage and Parking - Accounting Date Range 03/01/2021 - 03/31/2021

Acctg Date	Fund	Fund Description	Project	Project Description	Activity	Descr	Sum BU Amount
4/9/2021	84915	OMIDD Segment 4	100000001913	OMIDD Segment 4	ENG	Pousho 840 Miles 4-16-21	\$ 453.60
4/23/2021	84915	OMIDD Segment 4	100000001913	OMIDD Segment 4	ENG	Pousho 900 Miles 4-30-21	\$ 504.00
							<u>\$ 957.60</u>

OMI Segment 4 NESPS Odor Corrosion Study Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -04/10/2021 - 04/23/2021									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
864521	04/12/2021	04/09/2021	BROWN, JOEL	1.50	\$170.93	REGULAR	WRCCON	100000002708	ENG
864521	04/12/2021	03/31/2021	BROWN, JOEL	1.50	\$170.93	REGULAR	WRCCON	100000002708	ENG
864521	04/12/2021	04/06/2021	BROWN, JOEL	1.50	\$170.93	REGULAR	WRCCON	100000002708	ENG
					<b>512.79</b>				

OMI Segment 4 NESPS Odor Corrosion Study Project - WRC Equipment Charges for Trans Dates - 04/10/2021 - 04/23/2021									
VOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
864521	04/12/2021	03/31/2021	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	100000002708	ENG
864521	04/12/2021	04/09/2021	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	100000002708	ENG
864521	04/12/2021	04/09/2021	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	100000002708	ENG
864521	04/12/2021	03/31/2021	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	100000002708	ENG
864521	04/12/2021	03/31/2021	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	100000002708	ENG
864521	04/12/2021	04/09/2021	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	100000002708	ENG
864521	04/12/2021	04/06/2021	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	100000002708	ENG
864521	04/12/2021	04/06/2021	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	100000002708	ENG
864521	04/12/2021	04/06/2021	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	100000002708	ENG
					<b>13.47</b>				

Acctg Date	Fund	Fund Description	Project	Project Description	Activity	Oper Unit	OU Descr	Descr	Sum BU Amount
									<div>\$-</div>

OMI Segment 5 NI-EA Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 04/10/2021 - 04/23/2021									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
984657	04/12/2021	03/30/2021	BROWN, JOEL	1.00	\$113.95	REGULAR	WRCCON	100000003308	ENG
984657	04/12/2021	03/31/2021	BROWN, JOEL	2.00	\$227.90	REGULAR	WRCCON	100000003308	ENG
984657	04/12/2021	04/02/2021	BROWN, JOEL	1.00	\$113.95	REGULAR	WRCCON	100000003308	ENG
984657	04/12/2021	04/05/2021	BROWN, JOEL	2.00	\$227.90	REGULAR	WRCCON	100000003308	ENG
984657	04/12/2021	04/06/2021	BROWN, JOEL	1.50	\$170.93	REGULAR	WRCCON	100000003308	ENG
984657	04/12/2021	04/09/2021	BROWN, JOEL	1.50	\$170.93	REGULAR	WRCCON	100000003308	ENG
			<b>BROWN, JOEL Total</b>		<b>\$1,025.56</b>				
984662	04/12/2021	04/05/2021	LAWREY, DAVID	1.00	\$74.79	REGULAR	WRCROW	100000003308	ROW
			<b>LAWREY, DAVID Total</b>		<b>\$74.79</b>				
984657	04/23/2021	04/12/2021	LOCKHART, SIDNEY	2.00	\$275.52	REGULAR	WRCADM	100000003308	ENG
984657	04/23/2021	04/14/2021	LOCKHART, SIDNEY	2.00	\$275.52	REGULAR	WRCADM	100000003308	ENG
984657	04/23/2021	04/16/2021	LOCKHART, SIDNEY	2.00	\$275.52	REGULAR	WRCADM	100000003308	ENG
984657	04/23/2021	04/19/2021	LOCKHART, SIDNEY	2.00	\$275.52	REGULAR	WRCADM	100000003308	ENG
984657	04/23/2021	04/20/2021	LOCKHART, SIDNEY	2.00	\$275.52	REGULAR	WRCADM	100000003308	ENG
984657	04/23/2021	04/21/2021	LOCKHART, SIDNEY	2.00	\$275.52	REGULAR	WRCADM	100000003308	ENG
984657	04/23/2021	04/22/2021	LOCKHART, SIDNEY	2.00	\$275.52	REGULAR	WRCADM	100000003308	ENG
984657	04/23/2021	04/23/2021	LOCKHART, SIDNEY	2.00	\$275.52	REGULAR	WRCADM	100000003308	ENG
			<b>LOCKHART, SIDNEY Total</b>		<b>\$2,204.16</b>				
984662	04/23/2021	04/20/2021	PARROTT, JEFFREY	2.00	\$164.92	REGULAR	WRCROW	100000003308	ROW
984662	04/23/2021	04/20/2021	PARROTT, JEFFREY	2.00	\$187.04	OVERTIME	WRCROW	100000003308	ROW
984662	04/23/2021	04/21/2021	PARROTT, JEFFREY	2.00	\$164.92	REGULAR	WRCROW	100000003308	ROW
			<b>PARROTT, JEFFREY Total</b>		<b>\$516.88</b>				
			<b>Grand Total</b>		<b>\$3,821.39</b>				

OMI Segment 5 NI-EA Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 04/10/2021 - 4/23/2021									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
984657	04/12/2021	03/30/2021	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	04/12/2021	03/30/2021	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	100000003308	ENG
984657	04/12/2021	03/30/2021	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	100000003308	ENG
984657	04/12/2021	03/31/2021	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	100000003308	ENG
984657	04/12/2021	03/31/2021	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	04/12/2021	03/31/2021	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	100000003308	ENG
984657	04/12/2021	04/02/2021	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	04/12/2021	04/02/2021	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	100000003308	ENG
984657	04/12/2021	04/02/2021	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	100000003308	ENG
984657	04/12/2021	04/05/2021	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	04/12/2021	04/05/2021	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	100000003308	ENG
984657	04/12/2021	04/05/2021	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	100000003308	ENG
984657	04/12/2021	04/06/2021	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	04/12/2021	04/06/2021	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	100000003308	ENG
984657	04/12/2021	04/06/2021	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	100000003308	ENG
984657	04/12/2021	04/09/2021	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	100000003308	ENG
984657	04/12/2021	04/09/2021	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	100000003308	ENG
984657	04/12/2021	04/09/2021	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	100000003308	ENG
			<b>BROWN, JOEL Total</b>		<b>\$26.92</b>				
984662	04/12/2021	04/05/2021	LAWREY, DAVID	1.00	\$2.34	ASSIGNED	PC/Computer	100000003308	ROW
			<b>LAWREY, DAVID Total</b>		<b>\$2.34</b>				
984657	04/23/2021	04/12/2021	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	100000003308	ENG
984657	04/23/2021	04/12/2021	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	100000003308	ENG
984657	04/23/2021	04/12/2021	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	04/23/2021	04/12/2021	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	100000003308	ENG
984657	04/23/2021	04/14/2021	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	04/23/2021	04/14/2021	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	100000003308	ENG
984657	04/23/2021	04/14/2021	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	100000003308	ENG
984657	04/23/2021	04/14/2021	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	100000003308	ENG
984657	04/23/2021	04/16/2021	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	100000003308	ENG
984657	04/23/2021	04/16/2021	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	100000003308	ENG
984657	04/23/2021	04/16/2021	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	100000003308	ENG
984657	04/23/2021	04/16/2021	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	04/23/2021	04/19/2021	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	04/23/2021	04/19/2021	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	100000003308	ENG
984657	04/23/2021	04/19/2021	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	100000003308	ENG
984657	04/23/2021	04/19/2021	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	100000003308	ENG
984657	04/23/2021	04/20/2021	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	100000003308	ENG
984657	04/23/2021	04/20/2021	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	04/23/2021	04/20/2021	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	100000003308	ENG
984657	04/23/2021	04/20/2021	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	100000003308	ENG
984657	04/23/2021	04/21/2021	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	100000003308	ENG
984657	04/23/2021	04/21/2021	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	100000003308	ENG
984657	04/23/2021	04/21/2021	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	04/23/2021	04/21/2021	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	100000003308	ENG
984657	04/23/2021	04/22/2021	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	100000003308	ENG
984657	04/23/2021	04/22/2021	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	100000003308	ENG
984657	04/23/2021	04/22/2021	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	100000003308	ENG
984657	04/23/2021	04/22/2021	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	04/23/2021	04/23/2021	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	100000003308	ENG
984657	04/23/2021	04/23/2021	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	100000003308	ENG
984657	04/23/2021	04/23/2021	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003308	ENG
984657	04/23/2021	04/23/2021	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	100000003308	ENG
			<b>LOCKHART, SIDNEY Total</b>		<b>\$138.88</b>				
984662	04/23/2021	04/20/2021	PARROTT, JEFFREY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003308	ROW
984662	04/23/2021	04/20/2021	PARROTT, JEFFREY	2.00	\$0.80	ASSIGNED	Cell Phone	100000003308	ROW
984662	04/23/2021	04/20/2021	PARROTT, JEFFREY	2.00	\$4.68	ASSIGNED	PC/Computer	100000003308	ROW
984662	04/23/2021	04/20/2021	PARROTT, JEFFREY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003308	ROW
984662	04/23/2021	04/20/2021	PARROTT, JEFFREY	2.00	\$0.80	ASSIGNED	Cell Phone	100000003308	ROW
984662	04/23/2021	04/20/2021	PARROTT, JEFFREY	2.00	\$4.68	ASSIGNED	PC/Computer	100000003308	ROW
984662	04/23/2021	04/21/2021	PARROTT, JEFFREY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003308	ROW
984662	04/23/2021	04/21/2021	PARROTT, JEFFREY	2.00	\$0.80	ASSIGNED	Cell Phone	100000003308	ROW
984662	04/23/2021	04/21/2021	PARROTT, JEFFREY	2.00	\$4.68	ASSIGNED	PC/Computer	100000003308	ROW
			<b>PARROTT, JEFFREY Total</b>		<b>\$17.94</b>				
			<b>Grand Total</b>		<b>\$186.08</b>				



Acctg Date	Fund	Fund Description	Project	Project Description	Activity	Oper Unit	OU Descr	Descr	Sum BU Amount
									<div>\$-</div>

OMI Segment 5 NESP Mech - Elect Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -04/10/2021 - 04/23/2021									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
984664	04/12/2021	04/12/2021	ROBERTS, PATRICK	2.00	\$161.56	OVERTIME	WRCCDM	100000003309	INS
984664	04/13/2021	04/13/2021	ROBERTS, PATRICK	2.00	\$161.56	OVERTIME	WRCCDM	100000003309	INS
984664	04/14/2021	04/14/2021	ROBERTS, PATRICK	2.00	\$161.56	OVERTIME	WRCCDM	100000003309	INS
984664	04/15/2021	04/15/2021	ROBERTS, PATRICK	2.00	\$161.56	OVERTIME	WRCCDM	100000003309	INS
984664	04/16/2021	04/16/2021	ROBERTS, PATRICK	2.00	\$161.56	OVERTIME	WRCCDM	100000003309	INS
984664	04/19/2021	04/19/2021	ROBERTS, PATRICK	2.00	\$161.56	OVERTIME	WRCCDM	100000003309	INS
984664	04/20/2021	04/20/2021	ROBERTS, PATRICK	2.00	\$161.56	OVERTIME	WRCCDM	100000003309	INS
984664	04/22/2021	04/21/2021	ROBERTS, PATRICK	2.00	\$161.56	OVERTIME	WRCCDM	100000003309	INS
984664	04/22/2021	04/22/2021	ROBERTS, PATRICK	2.00	\$161.56	OVERTIME	WRCCDM	100000003309	INS
984664	04/23/2021	04/23/2021	ROBERTS, PATRICK	2.00	\$161.56	OVERTIME	WRCCDM	100000003309	INS
			<b>ROBERTS, PATRICK Total</b>		<b>\$1,615.60</b>				
984656	04/12/2021	03/29/2021	BROWN, JOEL	4.00	\$455.80	REGULAR	WRCCON	100000003309	ENG
984656	04/12/2021	03/30/2021	BROWN, JOEL	3.00	\$341.85	REGULAR	WRCCON	100000003309	ENG
984656	04/12/2021	03/31/2021	BROWN, JOEL	2.00	\$227.90	REGULAR	WRCCON	100000003309	ENG
984656	04/12/2021	04/01/2021	BROWN, JOEL	4.00	\$455.80	REGULAR	WRCCON	100000003309	ENG
984656	04/12/2021	04/02/2021	BROWN, JOEL	3.00	\$341.85	REGULAR	WRCCON	100000003309	ENG
984656	04/12/2021	04/05/2021	BROWN, JOEL	2.00	\$227.90	REGULAR	WRCCON	100000003309	ENG
984656	04/12/2021	04/06/2021	BROWN, JOEL	2.50	\$284.88	REGULAR	WRCCON	100000003309	ENG
984656	04/12/2021	04/07/2021	BROWN, JOEL	4.00	\$455.80	REGULAR	WRCCON	100000003309	ENG
984656	04/12/2021	04/09/2021	BROWN, JOEL	1.50	\$170.93	REGULAR	WRCCON	100000003309	ENG
			<b>BROWN, JOEL Total</b>		<b>\$2,962.71</b>				
984656	04/23/2021	04/12/2021	LOCKHART, SIDNEY	2.00	\$275.52	REGULAR	WRCADM	100000003309	ENG
984656	04/23/2021	04/13/2021	LOCKHART, SIDNEY	2.00	\$275.52	REGULAR	WRCADM	100000003309	ENG
984656	04/23/2021	04/14/2021	LOCKHART, SIDNEY	2.00	\$275.52	REGULAR	WRCADM	100000003309	ENG
984656	04/23/2021	04/15/2021	LOCKHART, SIDNEY	2.00	\$275.52	REGULAR	WRCADM	100000003309	ENG
984656	04/23/2021	04/16/2021	LOCKHART, SIDNEY	2.00	\$275.52	REGULAR	WRCADM	100000003309	ENG
984656	04/23/2021	04/19/2021	LOCKHART, SIDNEY	2.00	\$275.52	REGULAR	WRCADM	100000003309	ENG
984656	04/23/2021	04/20/2021	LOCKHART, SIDNEY	2.00	\$275.52	REGULAR	WRCADM	100000003309	ENG
984656	04/23/2021	04/21/2021	LOCKHART, SIDNEY	2.00	\$275.52	REGULAR	WRCADM	100000003309	ENG
984656	04/23/2021	04/22/2021	LOCKHART, SIDNEY	2.00	\$275.52	REGULAR	WRCADM	100000003309	ENG
984656	04/23/2021	04/23/2021	LOCKHART, SIDNEY	2.00	\$275.52	REGULAR	WRCADM	100000003309	ENG
			<b>LOCKHART, SIDNEY Total</b>		<b>\$2,755.20</b>				
984664	04/12/2021	04/12/2021	ROBERTS, PATRICK	8.00	\$569.84	REGULAR	WRCCDM	100000003309	INS
984664	04/13/2021	04/13/2021	ROBERTS, PATRICK	8.00	\$569.84	REGULAR	WRCCDM	100000003309	INS
984664	04/14/2021	04/14/2021	ROBERTS, PATRICK	8.00	\$569.84	REGULAR	WRCCDM	100000003309	INS
984664	04/15/2021	04/15/2021	ROBERTS, PATRICK	8.00	\$569.84	REGULAR	WRCCDM	100000003309	INS
984664	04/16/2021	04/16/2021	ROBERTS, PATRICK	8.00	\$569.84	REGULAR	WRCCDM	100000003309	INS
984664	04/19/2021	04/19/2021	ROBERTS, PATRICK	8.00	\$569.84	REGULAR	WRCCDM	100000003309	INS
984664	04/20/2021	04/20/2021	ROBERTS, PATRICK	8.00	\$569.84	REGULAR	WRCCDM	100000003309	INS
984664	04/22/2021	04/21/2021	ROBERTS, PATRICK	8.00	\$569.84	REGULAR	WRCCDM	100000003309	INS
984664	04/22/2021	04/22/2021	ROBERTS, PATRICK	8.00	\$569.84	REGULAR	WRCCDM	100000003309	INS
984664	04/23/2021	04/23/2021	ROBERTS, PATRICK	8.00	\$569.84	REGULAR	WRCCDM	100000003309	INS
			<b>ROBERTS, PATRICK Total</b>		<b>\$5,698.40</b>				
			<b>Grand Total</b>		<b>\$13,031.91</b>				

OMI Segment 5 NESP Mech - Elect Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 04/10/2021 - 04/23/2021									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
984656	04/12/2021	03/29/2021	BROWN, JOEL	4.00	\$1.60	ASSIGNED	Cell Phone	100000003309	ENG
984656	04/12/2021	03/29/2021	BROWN, JOEL	4.00	\$9.36	ASSIGNED	PC/Computer	100000003309	ENG
984656	04/12/2021	03/29/2021	BROWN, JOEL	4.00	\$1.00	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	04/12/2021	03/30/2021	BROWN, JOEL	3.00	\$1.20	ASSIGNED	Cell Phone	100000003309	ENG
984656	04/12/2021	03/30/2021	BROWN, JOEL	3.00	\$0.75	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	04/12/2021	03/30/2021	BROWN, JOEL	3.00	\$7.02	ASSIGNED	PC/Computer	100000003309	ENG
984656	04/12/2021	03/31/2021	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	04/12/2021	03/31/2021	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	ENG
984656	04/12/2021	03/31/2021	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	ENG
984656	04/12/2021	04/01/2021	BROWN, JOEL	4.00	\$1.00	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	04/12/2021	04/01/2021	BROWN, JOEL	4.00	\$9.36	ASSIGNED	PC/Computer	100000003309	ENG
984656	04/12/2021	04/01/2021	BROWN, JOEL	4.00	\$1.60	ASSIGNED	Cell Phone	100000003309	ENG
984656	04/12/2021	04/02/2021	BROWN, JOEL	3.00	\$1.20	ASSIGNED	Cell Phone	100000003309	ENG
984656	04/12/2021	04/02/2021	BROWN, JOEL	3.00	\$0.75	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	04/12/2021	04/02/2021	BROWN, JOEL	3.00	\$7.02	ASSIGNED	PC/Computer	100000003309	ENG
984656	04/12/2021	04/05/2021	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	ENG
984656	04/12/2021	04/05/2021	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	04/12/2021	04/05/2021	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	ENG
984656	04/12/2021	04/06/2021	BROWN, JOEL	2.50	\$0.63	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	04/12/2021	04/06/2021	BROWN, JOEL	2.50	\$1.00	ASSIGNED	Cell Phone	100000003309	ENG
984656	04/12/2021	04/06/2021	BROWN, JOEL	2.50	\$5.85	ASSIGNED	PC/Computer	100000003309	ENG
984656	04/12/2021	04/07/2021	BROWN, JOEL	4.00	\$1.60	ASSIGNED	Cell Phone	100000003309	ENG
984656	04/12/2021	04/07/2021	BROWN, JOEL	4.00	\$1.00	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	04/12/2021	04/07/2021	BROWN, JOEL	4.00	\$9.36	ASSIGNED	PC/Computer	100000003309	ENG
984656	04/12/2021	04/09/2021	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	04/12/2021	04/09/2021	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	100000003309	ENG
984656	04/12/2021	04/09/2021	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	100000003309	ENG
			<b>BROWN, JOEL Total</b>		<b>\$77.75</b>				
984656	04/23/2021	04/12/2021	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	ENG
984656	04/23/2021	04/12/2021	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	ENG
984656	04/23/2021	04/12/2021	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	100000003309	ENG
984656	04/23/2021	04/12/2021	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	04/23/2021	04/13/2021	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	ENG
984656	04/23/2021	04/13/2021	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	ENG
984656	04/23/2021	04/13/2021	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	100000003309	ENG
984656	04/23/2021	04/13/2021	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	04/23/2021	04/14/2021	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	ENG
984656	04/23/2021	04/14/2021	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	ENG
984656	04/23/2021	04/14/2021	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	04/23/2021	04/14/2021	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	100000003309	ENG
984656	04/23/2021	04/15/2021	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	04/23/2021	04/15/2021	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	ENG
984656	04/23/2021	04/15/2021	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	ENG
984656	04/23/2021	04/15/2021	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	100000003309	ENG
984656	04/23/2021	04/16/2021	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	04/23/2021	04/16/2021	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	100000003309	ENG
984656	04/23/2021	04/16/2021	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	ENG
984656	04/23/2021	04/16/2021	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	ENG
984656	04/23/2021	04/19/2021	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	ENG
984656	04/23/2021	04/19/2021	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	100000003309	ENG
984656	04/23/2021	04/19/2021	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	04/23/2021	04/19/2021	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	ENG
984656	04/23/2021	04/20/2021	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	ENG
984656	04/23/2021	04/20/2021	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	100000003309	ENG
984656	04/23/2021	04/20/2021	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	ENG
984656	04/23/2021	04/20/2021	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	04/23/2021	04/21/2021	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	04/23/2021	04/21/2021	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	ENG
984656	04/23/2021	04/21/2021	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	100000003309	ENG
984656	04/23/2021	04/21/2021	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	ENG
984656	04/23/2021	04/22/2021	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	ENG
984656	04/23/2021	04/22/2021	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	ENG
984656	04/23/2021	04/22/2021	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	100000003309	ENG
984656	04/23/2021	04/22/2021	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	04/23/2021	04/23/2021	LOCKHART, SIDNEY	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	ENG
984656	04/23/2021	04/23/2021	LOCKHART, SIDNEY	2.00	\$11.38	ASSIGNED	Blazer/Suburbans	100000003309	ENG
984656	04/23/2021	04/23/2021	LOCKHART, SIDNEY	2.00	\$0.50	ASSIGNED	Tablet/iPad	100000003309	ENG
984656	04/23/2021	04/23/2021	LOCKHART, SIDNEY	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	ENG
			<b>LOCKHART, SIDNEY Total</b>		<b>\$173.60</b>				
984664	04/12/2021	04/12/2021	ROBERTS, PATRICK	8.00	\$18.72	ASSIGNED	PC/Computer	100000003309	INS

984664	04/12/2021	04/12/2021	ROBERTS, PATRICK	8.00	\$45.52	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	04/12/2021	04/12/2021	ROBERTS, PATRICK	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	INS
984664	04/12/2021	04/12/2021	ROBERTS, PATRICK	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	INS
984664	04/12/2021	04/12/2021	ROBERTS, PATRICK	8.00	\$3.20	ASSIGNED	Cell Phone	100000003309	INS
984664	04/12/2021	04/12/2021	ROBERTS, PATRICK	2.00	\$11.38	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	04/13/2021	04/13/2021	ROBERTS, PATRICK	2.00	\$11.38	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	04/13/2021	04/13/2021	ROBERTS, PATRICK	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	INS
984664	04/13/2021	04/13/2021	ROBERTS, PATRICK	8.00	\$45.52	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	04/13/2021	04/13/2021	ROBERTS, PATRICK	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	INS
984664	04/13/2021	04/13/2021	ROBERTS, PATRICK	8.00	\$3.20	ASSIGNED	Cell Phone	100000003309	INS
984664	04/13/2021	04/13/2021	ROBERTS, PATRICK	8.00	\$18.72	ASSIGNED	PC/Computer	100000003309	INS
984664	04/14/2021	04/14/2021	ROBERTS, PATRICK	2.00	\$11.38	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	04/14/2021	04/14/2021	ROBERTS, PATRICK	8.00	\$3.20	ASSIGNED	Cell Phone	100000003309	INS
984664	04/14/2021	04/14/2021	ROBERTS, PATRICK	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	INS
984664	04/14/2021	04/14/2021	ROBERTS, PATRICK	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	INS
984664	04/14/2021	04/14/2021	ROBERTS, PATRICK	8.00	\$45.52	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	04/14/2021	04/14/2021	ROBERTS, PATRICK	8.00	\$18.72	ASSIGNED	PC/Computer	100000003309	INS
984664	04/15/2021	04/15/2021	ROBERTS, PATRICK	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	INS
984664	04/15/2021	04/15/2021	ROBERTS, PATRICK	8.00	\$3.20	ASSIGNED	Cell Phone	100000003309	INS
984664	04/15/2021	04/15/2021	ROBERTS, PATRICK	8.00	\$18.72	ASSIGNED	PC/Computer	100000003309	INS
984664	04/15/2021	04/15/2021	ROBERTS, PATRICK	8.00	\$45.52	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	04/15/2021	04/15/2021	ROBERTS, PATRICK	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	INS
984664	04/15/2021	04/15/2021	ROBERTS, PATRICK	2.00	\$11.38	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	04/16/2021	04/16/2021	ROBERTS, PATRICK	8.00	\$3.20	ASSIGNED	Cell Phone	100000003309	INS
984664	04/16/2021	04/16/2021	ROBERTS, PATRICK	8.00	\$18.72	ASSIGNED	PC/Computer	100000003309	INS
984664	04/16/2021	04/16/2021	ROBERTS, PATRICK	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	INS
984664	04/16/2021	04/16/2021	ROBERTS, PATRICK	2.00	\$11.38	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	04/16/2021	04/16/2021	ROBERTS, PATRICK	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	INS
984664	04/16/2021	04/16/2021	ROBERTS, PATRICK	8.00	\$45.52	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	04/19/2021	04/19/2021	ROBERTS, PATRICK	8.00	\$18.72	ASSIGNED	PC/Computer	100000003309	INS
984664	04/19/2021	04/19/2021	ROBERTS, PATRICK	8.00	\$45.52	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	04/19/2021	04/19/2021	ROBERTS, PATRICK	8.00	\$3.20	ASSIGNED	Cell Phone	100000003309	INS
984664	04/19/2021	04/19/2021	ROBERTS, PATRICK	2.00	\$11.38	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	04/19/2021	04/19/2021	ROBERTS, PATRICK	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	INS
984664	04/19/2021	04/19/2021	ROBERTS, PATRICK	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	INS
984664	04/20/2021	04/20/2021	ROBERTS, PATRICK	8.00	\$45.52	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	04/20/2021	04/20/2021	ROBERTS, PATRICK	8.00	\$3.20	ASSIGNED	Cell Phone	100000003309	INS
984664	04/20/2021	04/20/2021	ROBERTS, PATRICK	8.00	\$18.72	ASSIGNED	PC/Computer	100000003309	INS
984664	04/20/2021	04/20/2021	ROBERTS, PATRICK	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	INS
984664	04/20/2021	04/20/2021	ROBERTS, PATRICK	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	INS
984664	04/20/2021	04/20/2021	ROBERTS, PATRICK	2.00	\$11.38	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	04/22/2021	04/21/2021	ROBERTS, PATRICK	2.00	\$11.38	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	04/22/2021	04/21/2021	ROBERTS, PATRICK	8.00	\$3.20	ASSIGNED	Cell Phone	100000003309	INS
984664	04/22/2021	04/21/2021	ROBERTS, PATRICK	8.00	\$18.72	ASSIGNED	PC/Computer	100000003309	INS
984664	04/22/2021	04/21/2021	ROBERTS, PATRICK	8.00	\$45.52	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	04/22/2021	04/21/2021	ROBERTS, PATRICK	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	INS
984664	04/22/2021	04/21/2021	ROBERTS, PATRICK	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	INS
984664	04/22/2021	04/22/2021	ROBERTS, PATRICK	8.00	\$3.20	ASSIGNED	Cell Phone	100000003309	INS
984664	04/22/2021	04/22/2021	ROBERTS, PATRICK	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	INS
984664	04/22/2021	04/22/2021	ROBERTS, PATRICK	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	INS
984664	04/22/2021	04/22/2021	ROBERTS, PATRICK	2.00	\$11.38	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	04/22/2021	04/22/2021	ROBERTS, PATRICK	8.00	\$45.52	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	04/22/2021	04/22/2021	ROBERTS, PATRICK	8.00	\$18.72	ASSIGNED	PC/Computer	100000003309	INS
984664	04/23/2021	04/23/2021	ROBERTS, PATRICK	8.00	\$45.52	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
984664	04/23/2021	04/23/2021	ROBERTS, PATRICK	8.00	\$18.72	ASSIGNED	PC/Computer	100000003309	INS
984664	04/23/2021	04/23/2021	ROBERTS, PATRICK	8.00	\$3.20	ASSIGNED	Cell Phone	100000003309	INS
984664	04/23/2021	04/23/2021	ROBERTS, PATRICK	2.00	\$0.80	ASSIGNED	Cell Phone	100000003309	INS
984664	04/23/2021	04/23/2021	ROBERTS, PATRICK	2.00	\$4.68	ASSIGNED	PC/Computer	100000003309	INS
984664	04/23/2021	04/23/2021	ROBERTS, PATRICK	2.00	\$11.38	ASSIGNED	1/2 Ton Pick-up	100000003309	INS
			ROBERTS, PATRICK Total		\$843.00				
			Grand Total		\$1,094.35				

Acctg Date	Fund	Fund Description	Project	Project Description	Activity	Oper Unit	OU Descr	Descr	Sum BU Amount
									<div>\$-</div>



**Candice S. Miller**  
Public Works Commissioner  
Macomb County

**COUNTY OF OAKLAND**  
**Oakland Co Treas-Cash Acct Bldg 12E**  
**1200 N Telegraph Rd**  
**PONTIAC, MI 48341**

Invoice Date                      Invoice  
**04/29/2021                      ARP210107**

REF DATE	DESCRIPTION	AMOUNT
Work Order: # WO20016    WO Descrip: OMID Expenses/Revenue		
04/29/2021	Personnel Reimb. 1/1-4/2/21	29,626.33
Work Order: # WO20016    WO Descrip: OMID Expenses/Revenue		
04/29/2021	SCADA Maintenance	7,881.85
Work Order: # WO20016    WO Descrip: OMID Expenses/Revenue		
04/29/2021	Utility Reimbursement	2,462.45
<b>Charges</b>		<b>39,970.63</b>
<b>Amount Due</b>		<b>\$39,970.63</b>

Please direct inquiries about your account to:

Phone: (586) 469-5325 - Finance Department

Email: [bruce.manning@macombgov.org](mailto:bruce.manning@macombgov.org)

Please make checks payable to:

Macomb County Public Works

Please remit your payment to:

Public Works  
Finance Department  
21777 Dunham Road  
Clinton Township, MI 48036

Customer Number: V01091 AC: 32

Invoice Date: 04/29/2021

Invoice Number: ARP210107

Amount Due: \$39,970.63

Payment Terms: Due Upon Receipt

**ADDRESS:** 21777 Dunham Road, Clinton Township, MI 48036 • Phone: 586-469-5325 • Fax: 586-469-5933

**ENGINEERING:** • Phone: 586-469-5910 • Fax: 586-469-7693 **SOIL EROSION:** • Phone: 586-469-5327 • Fax: 586-307-8264



# Applied Science, Inc.

300 River Place Suite 5400 Detroit, MI 48207  
Phone: (313) 567-3990 Fax: (313) 567-3750  
www.asi-detroit.com

May 5, 2021

Project Invoice #27 (ASI Inv. #7834)

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 li# 41133 exp. 6/26/21 v#352  
(ASI Job No. 1815)

Invoice Period: 3/28/21-5/1/21

Task No.	Task Description	Total This Invoice
1	Transition & Basis of Design	
	Total:	\$ -

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

Task No.	Task Description	Total This Invoice
3	Additional Special Services	
	Total:	\$ -
	Subconsultants:	
	FK Engineering:	\$ -
	ASI Markup 5%:	\$ -
	Total Due This Invoice:	\$ -

Task No.	Task Description	Total This Invoice
5	Construction Services	
	Total:	\$ 11,490.00
	Subconsultants:	
	NTH Consultants	\$ 33,850.38
	Metco Services	\$ 28,922.50
	FK Engineering:	\$ 3,362.00
	ASI Markup 5%:	\$ 3,306.74
	Total Due This Invoice:	\$ 80,931.62

Total Due This Invoice:	\$ 80,931.62
Previous Amount Invoiced:	\$ 2,066,642.11
Total Invoiced To-Date	\$ 2,147,573.73
Contract Task Total:	\$ 4,198,380.00
Amount Remaining:	\$ 2,050,806.27

84917 - 149015 - 730639 - 1-3309 engcon

# CLARK HILL

P.L.C.

A T T O R N E Y S   A T   L A W

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

## INVOICE

Invoice # 1081788

Oakland-Macomb Interceptor Drain Drainage District April 13, 2021  
Attn: Megan Koss, Esq. Client: 58434  
1 Public Works Drive Matter: 316432  
Waterford, MI 48328  
kossm@oakgov.com; korths@oakgov.com  
cookek@oakgov.com

=====

RE: OMID Phase 2 Project - Acquisition of Northeast Pump  
Stations

FOR SERVICES RENDERED through March 31, 2021

Total Services: \$216.00

INVOICE TOTAL \$216.00

03/12/21 1073736 \$108.00 **TBP 4/21/21 OMID meeting**

Past Due Balance: \$108.00

TOTAL AMOUNT DUE \$324.00

=====

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

PAYABLE UPON RECEIPT IN U.S. DOLLARS

MK 4/19/21



# CLARK HILL

P.L.C.

A T T O R N E Y S   A T   L A W

212 East Grand River Avenue  
Lansing, Michigan 48906-4328  
Telephone (517) 318-3100  
Fed.ID # 38-0425840

## INVOICE

Invoice # 1082352

Oakland-Macomb Interceptor Drain Drainage District April 14, 2021  
Attn: Megan Koss, Esq. Client: 58434  
1 Public Works Drive Matter: 404547  
Waterford, MI 48328  
kossm@oakgov.com; korths@oakgov.com  
cookek@oakgov.com

**84917 - 149015 - 731073 - 1-3308 - LEGAL - 5113 - v#2788 - li#39308 - exp. 5/15/21**

=====

RE: Northeast Interceptor East Arm Improvements

FOR SERVICES RENDERED through March 31, 2021

Total Services: \$432.00

STATEMENT TOTAL \$432.00

PAYABLE UPON RECEIPT IN U.S. DOLLARS



**KENNEDY**  
INDUSTRIES

INNOVATE  
SOLVE  
MONITOR  
REPAIR

INVOICE		
DATE	NUMBER	PAGE
3/22/2021	624142	1 of 1

B OMI100  
I OAKLAND MACOMB INTERCEPTOR DRA  
L 1 PUBLIC WORKS DR.  
L WATERFORD, MI 48328  
T  
O

S NORTH EAST PUMPING STATION  
H 8598 E. STATE FAIR AVE  
I DETROIT, MI 48234  
P  
T  
O

ATTENTION:

TERRY MOORE 313-8297207 TMOORE@METCOSERVICES.COM

CUSTOMER REF/PO #		JOB #	JOB TITLE	SLP	SHIPPING TYPE
		0105960	NORTHEAST PUMP STATION, FIELD SERVICE, SANITARY	KES/PM	FIELD SERVICE
QUANTITY		PART NO.	DESCRIPTION	UNIT PRICE	EXTENDED
B/O	Ship				

0.00	16.00	GRE550NORTHEASTPS	GLWA, NORTHEAST PUMP STATION KENNEDY INDUSTRIES PROVIDED (2) FIELD SERVICE TECHNICIAN(S) ONSITE ON 03-15-21 @ STANDARD RATES.	\$110.00	\$1,760.00
0.00	2.50	GRE550NORTHEASTPS	GLWA, NORTHEAST PUMP STATION KENNEDY INDUSTRIES PROVIDED (2) FIELD SERVICE TECHNICIAN(S) ONSITE ON 03-15-21 @ OVERTIME RATES. PLEASE SEE THE ATTACHED SERVICE REPORT.	\$144.00	\$360.00
0.00	66.00	TRAVEL	SERVICE VEHICLE	\$0.50	\$33.00

**82912 - 6010101 - 149090 - 730660 - 5825 - Ch.21 - exp. 6/30/22 - v#239**

*TM* 4-16-21

PLEASE REMIT TO:  
KENNEDY INDUSTRIES, INC.  
P.O. BOX 930079  
WIXOM, MI 48393

This invoice is subject to and incorporates by reference Kennedy Industries, Inc.'s ("Kennedy") Terms & Conditions (Rev'd 4/2019) and Customer Warranty available at [www.kennedyind.com](http://www.kennedyind.com) which will be provided by email upon written request. Buyer expressly agrees to the provisions set forth in the Terms & Conditions and Customer Warranty posted on Kennedy's website.

**\*TERMS OF PAYMENT ARE NET 30 DAYS FROM DATE OF INVOICE**  
**\*A 7% PER ANNUM SERVICE CHARGE SHALL BE APPLIED TO ANY BALANCE**  
**\*CREDIT CARD PAYMENTS ARE SUBJECT TO AN ADDITIONAL 3% CHARGE**

SUBTOTAL: \$2,153.00  
TAX: \$0.00  
TOTAL: \$2,153.00

P.O. Box 930079 Wixom, MI 48393 - 4925 Holtz Drive Wixom, MI 48393 - Phone: 248-684-1200 - Fax: 248-684-6011

**[www.KennedyInd.com](http://www.KennedyInd.com)**

# Invoice

<b>Delivery Address</b> OMIDDD / Great Lakes Water Authority 111001 E State Fair St Detroit MI 48234	<b>Information</b> <b>Document No.</b> 154469634 <b>Document Date</b> 04/20/2021 <b>Customer PO</b> Contract No. 5820 <b>Customer Contact</b> Joel Brown <b>Customer No.</b> 1816160			
<b>Invoice Address</b> Oakland Macomb Interceptor Drain Drainage District Acct: 730660 1 Public Works Drive Fund: 82912 Program: 149090 Waterford MI 48328-1907	<b>Terms of Payment / Delivery</b> <b>Terms of Delivery</b> FCA PLANT OF ORIGIN <b>Terms of Payment</b> 15 days net <b>Due Date</b> 05/05/2021			
<b>Invoice Details</b> Provided labor and materials to complete NDT gearcase inspection on 25 ton pump room crane.  Thank you for your business!!				
<b>Item</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Unit price USD</b>	<b>Value USD</b>
Service Request Num & Delivery Date: 1-93383472574 / 0157369250 / 04/16/2021				
10	Gearcase Inspection 25 Ton Crane Per quote 1-16T1LVH2.	1 EA	6,670.00 / EA	6,670.00
Invoice Value				6,670.00
Sales Tax				0.00
Invoice Total				6,670.00
<b>82912 - 6010101 - 149090 - 730660 - 5820 - ch 21 v#22875 - exp. 6/28/22</b>				

DET-Detroit, MI  
43050 W. 10 Mile Road  
NOVI MI 48375-3206  
USA

Phone No. 248-380-2626  
Fax No. 248-380-8595

Contact: Denise Collins  
Email: denise.collins@konecranes.com

# Invoice

<b>Delivery Address</b> OMIDDD / Great Lakes Water Authority 111001 E State Fair St Detroit MI 48234	<b>Information</b> <b>Document No.</b> 154466738 <b>Document Date</b> 04/14/2021 <b>Customer PO</b> Contract #5820 <b>Customer Contact</b> Joel Brown <b>Customer No.</b> 1816160																																			
<b>Invoice Address</b> Oakland Macomb Interceptor Drain Drainage District Acct: 730660 1 Public Works Drive Fund: 82912 Program: 149090 Waterford MI 48328-1907	<b>Terms of Payment / Delivery</b> <b>Terms of Delivery</b> FCA PLANT OF ORIGIN <b>Terms of Payment</b> 15 days net <b>Due Date</b> 04/29/2021																																			
<b>Invoice Details</b> Provided labor and materials to fabricate and install trolley rail sweeps on 25 ton crane.  Thank you for your business!!																																				
<table border="1"><thead><tr><th>Item</th><th>Material Description</th><th>Quantity</th><th>Unit price USD</th><th>Value USD</th></tr></thead><tbody><tr><td colspan="5">Service Request Num &amp; Delivery Date: 1-93383455666 / 0157369194 / 04/07/2021</td></tr><tr><td>10</td><td>Trolley Rail Sweeps Fabricated and Installed on 25 ton crane.</td><td>1 EA</td><td>2,902.00 / EA</td><td>2,902.00</td></tr><tr><td colspan="4">Invoice Value</td><td>2,902.00</td></tr><tr><td colspan="4">Sales Tax</td><td>0.00</td></tr><tr><td colspan="4">Invoice Total</td><td>2,902.00</td></tr><tr><td colspan="5"><b>82912 - 6010101 - 149090 - 730660 - 5820 - ch 21 v#22875 - exp. 6/28/22</b></td></tr></tbody></table>		Item	Material Description	Quantity	Unit price USD	Value USD	Service Request Num & Delivery Date: 1-93383455666 / 0157369194 / 04/07/2021					10	Trolley Rail Sweeps Fabricated and Installed on 25 ton crane.	1 EA	2,902.00 / EA	2,902.00	Invoice Value				2,902.00	Sales Tax				0.00	Invoice Total				2,902.00	<b>82912 - 6010101 - 149090 - 730660 - 5820 - ch 21 v#22875 - exp. 6/28/22</b>				
Item	Material Description	Quantity	Unit price USD	Value USD																																
Service Request Num & Delivery Date: 1-93383455666 / 0157369194 / 04/07/2021																																				
10	Trolley Rail Sweeps Fabricated and Installed on 25 ton crane.	1 EA	2,902.00 / EA	2,902.00																																
Invoice Value				2,902.00																																
Sales Tax				0.00																																
Invoice Total				2,902.00																																
<b>82912 - 6010101 - 149090 - 730660 - 5820 - ch 21 v#22875 - exp. 6/28/22</b>																																				

DET-Detroit, MI  
43050 W. 10 Mile Road  
NOVI MI 48375-3206  
USA

Phone No. 248-380-2626  
Fax No. 248-380-8595

Contact: Denise Collins  
Email: denise.collins@konecranes.com

# Invoice

<b>Delivery Address</b> OMIDDD / Great Lakes Water Authority 111001 E State Fair St Detroit MI 48234	<b>Information</b> <b>Document No.</b> 154467071 <b>Document Date</b> 04/15/2021 <b>Customer PO</b> Contract #5820 <b>Customer Contact</b> Joel Brown <b>Customer No.</b> 1816160			
<b>Invoice Address</b> Oakland Macomb Interceptor Drain Drainage District Acct: 730660 1 Public Works Drive Fund: 82912 Program: 149090 Waterford MI 48328-1907	<b>Terms of Payment / Delivery</b> <b>Terms of Delivery</b> FCA PLANT OF ORIGIN <b>Terms of Payment</b> 15 days net <b>Due Date</b> 04/30/2021			
<b>Invoice Details</b> Provided labor and materials to complete runway rail repairs for 25 ton crane system, per quote # 1-16RS1CZR.  Thank you for your business!!				
<b>Item</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Unit price USD</b>	<b>Value USD</b>
Service Request Num & Delivery Date: 1-93337127747 / 0157363858 / 04/13/2021				
10	Runway Rail Repairs 25 Ton Crane System	1 EA	59,869.50 / EA	59,869.50
Invoice Value				59,869.50
Sales Tax				0.00
Invoice Total				59,869.50
<b>82912 - 6010101 - 149090 - 730660 - 5820 - ch 21 v#22875 - exp. 6/28/22</b>				

DET-Detroit, MI  
43050 W. 10 Mile Road  
NOVI MI 48375-3206  
USA

Phone No. 248-380-2626  
Fax No. 248-380-8595

Contact: Denise Collins  
Email: denise.collins@konecranes.com



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

Oakland-Macomb Interceptor Drain  
Building 95 West, One Public Works Dr  
Waterford, MI 48328

Invoice # 5516	Page 1 of 1
Account Number	Date
OAKLINT-01	5/5/2021
BALANCE DUE ON	
5/5/2021	
AMOUNT PAID	Amount Due
	\$44,200.00

Payment Methods:

ACH/Wire Information

Bank of America

Acct Name: Meadowbrook Inc.

Acct Number: 5401978514

ACH: Acct ABA #: 071000039

Wire: Acct ABA #: 026009593

Make checks payable to:

Meadowbrook Insurance Agency

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

Item #	Trans Eff Date	Due Date	Trans	Description	Amount
256107	9/20/2020	3/20/2021	RENB	3 of 4 Quarterly Installments	\$44,200.00

Total Invoice Balance: \$44,200.00

Payment due upon receipt.

**84917 - 6010101 - 149015 - 730940 - 4724 - 1-3309 - Ch. 21**

*Steven Korth*

May 6, 2021



DATE: May 4, 2021

INVOICE PERIOD: thru 5/2/2021

Vendor ID 0000020486

Deputy Chief Engineer/Special Projects Manager

TITLE: OMID & NESPS Operation and Maintenance

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

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

<u>Name</u>	<u>Title</u>	<u>Hrs.</u>	<u>Rate/Hr.</u>	<u>Amount</u>
Raj Vijayendran, PE	Principal Engineer	16.0	\$ 215.00	\$ 3,440.00
Terry Moore	Operations Manager	48.0	\$ 145.00	\$ 6,960.00
Darrin Green	Staff Engineer	0.0	\$ 90.00	\$ -
Rosana Santos	Administrative Assoc.	5.0	\$ 73.79	\$ 368.95
<b>Subtotal NEPS Operations</b>				<b>\$ 10,768.95</b>

**Subtotal Operations     \$     16,568.95**

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

<u>Name</u>	<u>Title</u>	<u>Hrs.</u>	<u>Rate/Hr.</u>	<u>Amount</u>
Terry Moore	Operations Manager	48.0	\$ 145.00	\$ 6,960.00
Anthony Vozza	Staff Engineer	0.0	\$ 90.00	\$ -
		<b>Subtotal OMID Maintenance:</b>	<b>\$</b>	<b>6,960.00</b>

<u>Name</u>	<u>Title</u>	<u>Hrs.</u>	<u>Rate/Hr.</u>	<u>Amount</u>
Raj Vijayendran, PE	Principal Engineer	64.0	\$ 215.00	\$ 13,760.00
Terry Moore	Operations Manager	48.0	\$ 145.00	\$ 6,960.00
Terry Moore	Operations Manager (Overtime)	8.0	\$ 195.00	\$ 1,560.00
Daniel Martel	Sr. Project Coordinator	2.0	\$ 145.00	\$ 290.00
Sean Grant	Sr. Project Engineer	0.0	\$ 145.00	\$ -
Travis Ford	Sr. Project Engineer	6.0	\$ 145.00	\$ 870.00
Darrin Green	Staff Engineer	162.5	\$ 90.00	\$ 14,625.00
Darrin Green	Staff Engineer-(Overtime)	11.5	\$ 135.00	\$ 1,552.50
Anthony Vozza	Staff Engineer	200.0	\$ 90.00	\$ 18,000.00
Anthony Vozza	Staff Engineer-(Overtime)	3.0	\$ 135.00	\$ 405.00
Christian Hatchett	Staff Engineer	80.0	\$ 45.00	\$ 3,600.00
Sweta Soni	Designer/Drafter	21.0	\$ 85.00	\$ 1,785.00

	Subtotal:	\$	63,407.50
Maintenance Services (see attached invoices):	\$		917.57

**Subtotal Maintenance: \$ 71,285.07**

**Task 6.0 NEXGEN Asset Management Implementation Services – Fund 82912, Program 149090, Account 730646**

<u>Name</u>	<u>Title</u>	<u>Hrs.</u>	<u>Rate/Hr.</u>	<u>Amount</u>
Raj Vijayendran, PE	Principal Engineer	0.0	\$ 215.00	\$ -
Terry Moore	Operations Manager	2.0	\$ 145.00	\$ 290.00
Terry Moore	Operations Manager (Overtime)	0.0	\$ 195.00	\$ -
Sean Grant	Sr. Project Engineer	25.0	\$ 145.00	\$ 3,625.00
Darrin Green	Staff Engineer	7.5	\$ 90.00	\$ 675.00
Darrin Green	Staff Engineer-(Overtime)	0.0	\$ 135.00	\$ -
Anthony Vozza	Staff Engineer	0.0	\$ 90.00	\$ -
Abhishek Shah	Staff Engineer	193.0	\$ 90.00	\$ 17,370.00
Brandon Brochue	Designer/Drafter	0.0	\$ 85.00	\$ -
			<b>Subtotal 6.0:</b>	<b>\$ 21,960.00</b>

**Task 12.0 - As-Needed Services**

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

<b>TOTAL AMOUNT DUE THIS INVOICE:</b>	<b>\$</b>	<b>109,814.02</b>
---------------------------------------	-----------	-------------------



**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"

# 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
921567	0	001	4/16/2021	5/3/2021	93641

SID LOCKHART

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	NESP SCADA CUTOVER	\$308.00	-	\$308.00	\$308.00	-	-
<b>Totals:</b>		<b>\$308.00</b>		<b>\$308.00</b>	<b>\$308.00</b>		
Less Retained:				-			
<b>Invoice Total:</b>				<b>\$308.00</b>			

AS NEEDED ELECTRICAL AND ENGINEERING SERVICE

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

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

WORK PERFORMED 4/16/2021

5-3-21

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"

# 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
921567	0	001	4/20/2021	5/3/2021	93642

SID LOCKHART

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	NESP SCADA CUTOVER	\$770.00	-	\$770.00	\$770.00	-	-
<b>Totals:</b>		<b>\$770.00</b>		<b>\$770.00</b>	<b>\$770.00</b>		
Less Retained:				-			
<b>Invoice Total:</b>				<b>\$770.00</b>			

AS NEEDED ELECTRICAL AND ENGINEERING SERVICE

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

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

*TM* 5-3-21

WORK PERFORMED 4/20/2021

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"

# 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
921567	0	001	4/1/2021	5/3/2021	93643

SID LOCKHART

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

AS NEEDED ELECTRICAL AND ENGINEERING SERVICE

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

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

WORK PERFORMED 4/1/2021

*TM*

5-3-21

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

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

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

Invoice # : 5  
Project : 61-200186  
Invoice Group : \*\*  
Invoice Date : 5/5/2021

Attention: Sid Lockhart

For Professional Services Rendered from 3/20/2021 - 4/23/2021

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

Task 01	NI-EA OMID Contract No. 1 CCA	\$2,265,847.00
Task 02	OMID CS-9 Gate CCA	\$217,468.00
	Preliminary Budget Amount	\$2,483,315.00
	Percent Complete:	9.53%

Analysis of Costs		This Invoice	Cumulative
Direct Salaries	\$	17,698.69	\$ 46,367.28
Overhead %	188.00 \$	33,273.54	87,170.48
Total Regular Labor Expense		50,972.23	133,537.76
Premium Labor Cost		0	0
<b>Total Direct Labor</b>		<b>50,972.23</b>	<b>133,537.76</b>
<b>Profit / Fixed Fee %</b>	12.00	6,116.67	16,024.53
Direct Expenses Charge		130.91	488.25
Expense Multiplier %	5.00	6.55	24.42
Direct Subcontractor Charge		29,816.49	81,705.51
Subcontractor/Subconsultant Multiplier %	6.00	1,789.00	4,902.34
Direct Unit Rate Charge		0.00	0.00
<b>Total Other Direct Charges Reimbursables</b>		<b>31,742.95</b>	<b>87,120.52</b>
<b>Total Costs:</b>		<b>88,831.84</b>	<b>236,682.81</b>
<b>Total Due This Invoice</b>		<b>\$ 88,831.84</b>	<b>\$ 236,682.80</b>

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

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

Invoice # : 7  
Project : 61-200280  
Invoice Group : CMT  
Invoice Date : 5/5/2021

Attention: Sid Lockhart

For Professional Services Rendered from **3/20/2021 - 4/23/2021**

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

Task 01 CMT Services **\$130,138.00**  
Preliminary Budget Amount **\$130,138.00**  
Percent Complete: 39.14%

Analysis of Costs		This Invoice	Cumulative
Direct Salaries	\$	3,545.70	\$ 12,916.88
Overhead %	188.00 \$	6,665.92	24,283.73
Total Regular Labor Expense		10,211.62	37,200.61
Premium Labor Cost		0	0
<b>Total Direct Labor</b>		<b>10,211.62</b>	<b>37,200.61</b>
<b>Profit / Fixed Fee %</b>	12.00	<b>1,225.39</b>	<b>4,464.07</b>
Direct Expenses Charge		1,868.57	8,829.53
Expense Multiplier %	5.00	93.43	441.47
Direct Subcontractor Charge		0.00	0.00
Subcontractor/Subconsultant Multiplier %	6.00	0.00	0.00
Direct Unit Rate Charge		0.00	0.00
<b>Total Other Direct Charges Reimbursables</b>		<b>1,962.00</b>	<b>9,271.00</b>
<b>Total Costs:</b>		<b>13,399.01</b>	<b>50,935.68</b>
<b>Total Due This Invoice</b>		<b>\$ 13,399.01</b>	<b>\$ 50,935.69</b>



**NTH Consultants, Ltd.**

Infrastructure Engineering  
and Environmental Services

**84917 - 149015 - 731444 - 2603 1-3308 - Ch. 21 - engcon v#4716 exp. 12/31/21 li# 42499**

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

**Invoice # : 10  
Project : 61-190439  
Invoice Group : CS9  
Invoice Date : 5/5/2021**

**Attention: Sid Lockhart**

**For Professional Services Rendered from 3/20/2021 - 4/23/2021**

Provide engineering services for the design of a new hydraulic control gate to be installed in the existing OMID Control Structure No. 9(CS-9).

**Task 01 Gate Design \$189,426.00**

**Preliminary Budget Amount \$189,426.00**  
**Percent Complete: 97.63%**

<b>Analysis of Costs</b>		<b>This Invoice</b>	<b>Cumulative</b>
Direct Salaries		\$ 283.32	\$ 19,538.60
Overhead %	188.00	532.64	36,732.57
Total Regular Labor Expense		815.96	56,271.17
Premium Labor Cost		0	0
<b>Total Direct Labor</b>		<b>815.96</b>	<b>56,271.17</b>
<b>Profit / Fixed Fee %</b>	12.00	<b>97.92</b>	<b>6,752.53</b>
Direct Expenses Charge		0.00	250.13
Expense Multiplier %	5.00	0.00	12.52
Direct Subcontractor Charge		0.00	114,767.57
Subcontractor/Subconsultant Multiplier %	6.00	0.00	6,886.08
Direct Unit Rate Charge		0.00	0.00
<b>Total Other Direct Charges Reimbursables</b>		<b>0.00</b>	<b>121,916.30</b>
<b>Total Costs:</b>		<b>913.88</b>	<b>184,940.00</b>
<b>Total Due This Invoice</b>		<b>\$ 913.88</b>	<b>\$ 184,940.00</b>



**NTH Consultants, Ltd.**  
Infrastructure Engineering  
and Environmental Services

**82912 - 6010101 - 149662 - 731906 - 2603 - 1-2842 - ch 21 - std - v#4716 - li#24138 - exp. 13/31/21**

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

Invoice # : 10  
Project : 61-200209  
Invoice Group :  
Invoice Date : 5/5/2021

Attention: Sid Lockhart

For Professional Services Rendered from 3/20/2021 - 4/23/2021

Provide Engineering and Consulting Services for the OMID NESPS Safety Manual and Crane Support Evaluation. (D419)

Task 01	Health and Safety Manual	\$33,428.00
Task 02	Crane Support Evaluation	\$14,359.00
	Preliminary Budget Amount	\$47,787.00
	Percent Complete:	76.89%

Analysis of Costs	This Invoice	Cumulative
Direct Salaries	\$ 1,363.66	\$ 9,332.53
Overhead %	188.00 \$ 2,563.68	17,545.16
Total Regular Labor Expense	3,927.34	26,877.69
Premium Labor Cost	0	0
<b>Total Direct Labor</b>	<b>3,927.34</b>	<b>26,877.69</b>
<b>Profit / Fixed Fee %</b>	<b>12.00 471.28</b>	<b>3,225.32</b>
Direct Expenses Charge	0.00	3,194.86
Expense Multiplier %	5.00 0.00	159.75
Direct Subcontractor Charge	0.00	3,100.00
Subcontractor/Subconsultant Multiplier %	6.00 0.00	186.00
Direct Unit Rate Charge	0.00	0.00
<b>Total Other Direct Charges Reimbursables</b>	<b>0.00</b>	<b>6,640.61</b>
<b>Total Costs:</b>	<b>4,398.62</b>	<b>36,743.62</b>
<b>Total Due This Invoice</b>	<b>\$ 4,398.62</b>	<b>\$ 36,743.63</b>

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

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

Invoice # : 23  
Project : 61-190078  
Invoice Group : NI-EA  
Invoice Date : 5/5/2021

Attention: Sid Lockhart

For Professional Services Rendered from 3/20/2021 - 4/23/2021

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

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

Preliminary Budget Amount \$2,273,833.00  
Percent Complete: 80.73%

Analysis of Costs	This Invoice	Cumulative
Direct Salaries	\$ 7,736.62	\$ 261,280.07
Overhead %	188.00 14,544.85	491,206.56
Total Regular Labor Expense	22,281.47	752,486.63
Premium Labor Cost	0	0
<b>Total Direct Labor</b>	<b>22,281.47</b>	<b>752,486.63</b>
<b>Profit / Fixed Fee %</b>	<b>12.00 2,673.78</b>	<b>90,298.39</b>
Direct Expenses Charge	184.00	27,062.26
Expense Multiplier %	5.00 9.20	1,353.16
Direct Subcontractor Charge	26,807.54	909,952.72
Subcontractor/Subconsultant Multiplier %	6.00 1,608.45	54,597.29
Direct Unit Rate Charge	0	0
<b>Total Other Direct Charges Reimbursables</b>	<b>28,609.19</b>	<b>992,965.43</b>
<b>Total Costs:</b>	<b>53,564.44</b>	<b>1,835,750.45</b>
<b>Total Due This Invoice</b>	<b>\$ 53,564.44</b>	<b>\$ 1,835,750.45</b>





**NTH Consultants, Ltd.**  
Infrastructure Engineering  
and Environmental Services

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

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

Invoice # : 27  
Project : 61-190044  
Invoice Group : REPAIRS  
Invoice Date : 5/5/2021

Attention: Sid Lockhart

For Professional Services Rendered from 03/20/2021 - 04/23/2021

OMID System Immediate Repairs

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

Analysis of Costs		This Invoice	Cumulative
Direct Salaries (Task 01 & 02)		\$ 5,941.21	\$ 52,016.43
Overhead %	188.00	11,110.68	97,790.87
Total Regular Labor Expense		17,110.68	149,807.30
Premium Labor Cost		0	0
<b>Total Direct Labor</b>		<b>17,110.68</b>	<b>149,807.30</b>
<b>Profit / Fixed Fee %</b>	12.00	<b>2,053.28</b>	<b>17,976.87</b>
Direct Expenses Charge		739.90	3,531.91
Expense Multiplier %	5.00	37.00	226.61
Direct Subcontractor Charge		422.57	40,248.30
Subcontractor/Subconsultant Multiplier %	5.00	21.13	2,012.46
Direct Unit Rate Charge		0.00	0.00
<b>Total Other Direct Charges Reimbursables</b>		<b>1,220.60</b>	<b>46,019.28</b>
<b>Total Costs:</b>		<b>20,384.56</b>	<b>213,803.45</b>
<b>Total Due This Invoice</b>		<b>\$ 20,384.56</b>	<b>\$ 213,803.45</b>

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

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

Invoice #: 55  
Project: 61-150162  
Invoice Group: NESPS CCA  
Invoice Date: 5/5/2021

Attention: Sid Lockhart

For Professional Services Rendered from 03/20/2020 - 04/23/2021

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

CCA / Construction Observation (Task 01)	\$437,458.04
CIP Concrete Riser Substitution (Task 02)	\$3,041.52
Continuation of NESPS CCA (Task 03)	\$522,070.69
Continuation of GLWA Coordination (Task 04)	\$41,800.92
Sterling Heights Sewer Grout Investigation (Task 05)	\$7,507.83
Preliminary Budget Amount	\$1,011,879.00
Percent Complete:	99.58%

Analysis of Costs	This Invoice	Cumulative
Direct Salaries	\$ 4,465.69	\$ 247,635.69
Overhead % 188.00	8,395.50	465,555.08
Total Regular Labor Expense	12,861.19	713,190.77
Premium Labor Cost	0	0
<b>Total Direct Labor</b>	<b>12,861.19</b>	<b>713,190.77</b>
<b>Profit / Fixed Fee % 12.00</b>	<b>1,543.34</b>	<b>85,582.98</b>
Direct Expenses Charge	208.53	37,430.90
Expense Multiplier % 5.00	10.43	1,871.55
Direct Subcontractor Charge	0.00	156,860.04
Subcontractor/Subconsultant Multiplier % 5.00	0.00	7,843.01
Direct Unit Rate Charge	0.00	4,655.59
<b>Total Other Direct Charges Reimbursables</b>	<b>218.96</b>	<b>208,661.09</b>
<b>Total Costs:</b>	<b>14,623.49</b>	<b>1,007,434.84</b>
<b>Total Due This Invoice</b>	<b>\$ 14,623.49</b>	<b>\$ 1,007,653.80</b>

# Invoice

Date Invoice #  
 1/13/2021 0000147051

**Bill To:**

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

**Site Address:**

Northeast Sewage Pumping Station  
 11001 East State Fair  
 Detroit MI 48234

PO Number		Terms	Make	Model	Serial Number
contract		NET 30 DAYS			
KW	PM Tech's Other Locations			A LATE FEE of 1.5% per month, 18% per year, of the unpaid balance unpaid balance will be added to past due amounts	Remit To:  28294 Beck Road Wixom, MI 48393
	2385 Wilshire Drive Jenison, MI 49428 1695 Dalton Drive New Carlisle, OH 45344				

DESCRIPTION	QTY	PRICE EACH	AMOUNT
PLC Installation – Subcontracted to PCI	1.00	8,850.00	8,850.00
PM Technologies Markup	1.00	885.00	885.00

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

*TM* 4-30-21

Visa, Master Card, Discover or American Express 3% credit card processing fee will be added		Subtotal	\$9,735.00
Sign: _____ Inv # _____		Sales Tax	\$0.00
Card #: _____		<b>Balance Due</b>	<b>\$9,735.00</b>
Exp Date: _____ Security Code: _____		This Invoice is for the Services mentioned above only, if other repair work was completed it will be invoiced separately.	

Conditions of Sale and Limitations of Liability are on back of invoice.  
 manufactures written warranty are the owner's responsibility to reimburse PM Technologies for reasonable costs incurred.

Warranty Disclaimer: parts and labor not covered by the



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	12/28/2020	4/13/2021	12394

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	\$332.50	-	\$332.50	\$332.50	-	-
Totals:		\$332.50		\$332.50	\$332.50		
Less Retained:				-			
Invoice Total:				\$332.50			

PUMP P2 VFD  
TROUBLE CALL

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

complete electrical construction

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



Rotor Electric Company of Michigan, LLC.

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DETROIT, MI 48213-1151  
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"AN EQUAL OPPORTUNITY EMPLOYER"

INVOICE

OMID  
1 PUBLIC WORKS DRIVE  
WATERFORD, MI 48328-

Customer  
PO Number  
Professional Services Contrac

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
719707	0	001	12/28/2020	4/13/2021	12395

JOEL BROWN

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	SWITCHGEAR MAINTENANCE AND TESTING	\$3,191.18	-	\$3,191.18	\$3,191.18	-	-
Totals:		\$3,191.18		\$3,191.18	\$3,191.18		
Less Retained:				-			
Invoice Total:				\$3,191.18			

ELEVATOR PIT ADDS

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

complete electrical construction

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"AN EQUAL OPPORTUNITY EMPLOYER"

INVOICE

OCWRC-WATERFORD  
2636 DIXIE HWY  
WATERFORD TOWNSHIP, MI 48328-

Customer  
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
719706	0	001	10/23/2020	4/13/2021	12398

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	ELECTRICAL EQUIPMENT MAINTENANCE AND	\$1,200.00	-	\$1,200.00	\$1,200.00	-	-
Totals:		\$1,200.00		\$1,200.00	\$1,200.00		
Less Retained:				-			
Invoice Total:				\$1,200.00			

NESPS CATASTROPHIC FAILURE  
GENERATOR SYSTEM

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

TM 4-13-21

complete electrical construction

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DETROIT, MI 48213-1151  
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"AN EQUAL OPPORTUNITY EMPLOYER"

INVOICE

OMID  
1 PUBLIC WORKS DRIVE  
WATERFORD, MI 48328-

Customer  
PO Number  
Professional Services Contrac

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
719707	0	001	2/2/2021	4/13/2021	12399

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	\$2,825.84	-	\$2,825.84	\$2,825.84	-	-
Totals:		\$2,825.84		\$2,825.84	\$2,825.84		
Less Retained:				-			
Invoice Total:				\$2,825.84			

PUMP P6 EXCITER CUBICLE REPAIRS

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

complete electrical construction

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"AN EQUAL OPPORTUNITY EMPLOYER"

INVOICE

OMID  
1 PUBLIC WORKS DRIVE  
WATERFORD, MI 48328-

Customer  
PO Number  
Professional Services Contrac

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
719707	0	001	3/1/2021	4/13/2021	12419

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	\$11,738.99	-	\$11,738.99	\$11,738.99	-	-
Totals:		\$11,738.99		\$11,738.99	\$11,738.99		
Less Retained:				-			
Invoice Total:				\$11,738.99			

MOTOR MAINTENANCE

BATTERY MAINTENANCE

ELEVATOR LOBBY LIGHTING

P4 LOTO

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

complete electrical construction

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## **Agenda Item No. 12**

Other Business

## **Agenda Item No. 13**

Adjourn