

## **AGENDA**

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

**February 19, 2025 – 11:30 a.m.**

Office of the Oakland County Water Resources Commissioner  
One Public Works, Building 95 West  
Waterford, Michigan, and Microsoft Teams

1. Call meeting to order

Board Members:

Brady Harrington, 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 February 19, 2025
3. Motion to approve the Drainage District Board Meeting Minutes from January 15, 2025
4. Public Comment
5. Memorandum regarding the Request for Proposals for As-Needed Debris Removal, Confined Space Services, CCTV Inspection, Sewer Grouting and Sewer Repair Services
6. Motion to approve the following Change Orders:
  - a) Change Order No. 2 for Cortis Bros. Trucking & Excavating for As-Needed Underground Services for an extension to contract #WDCON8796 for an additional two years
  - b) Change Order No. 3 for D'Angelo Bros. for As-Needed Underground Services for an extension to contract #WDCON8788 for an additional two years
  - c) Change Order No. 49 for Walsh Construction for Construction of the Pump and Electrical Upgrades Project (NESPS) for a net increase in the amount of \$340,370.40
  - d) Change Order No. 1 for Z Contractors for the NIEA OMID Contract #2 PCI 18 & 19 Rehabilitation Contract 2B for a net increase in the amount of \$392,350.00 and an additional 157 days
7. Motion to approve the following Construction Estimates:
  - a) Construction Estimate No. 52 for Walsh Construction for NESPS Pump & Electrical Upgrades Project (GMP Phase) in the amount of \$191,040.82 with a transfer to the Oakland County Treasurer in the amount of \$5,134.90
  - b) Construction Estimate No. 3 for Commercial Contracting Corporation for the Odor and Corrosion Control System within the OMID in the amount of \$131,443.06 with a transfer to the Oakland County Treasurer in the amount of \$14,604.78

- c) Construction Estimate No. 17 for Construction of the NI-EA OMID Contracts 2A and 2B – PCI 18 & PCI 19 Rehabilitation in the amount of \$196,325.66 with a reserve payment to the contractor in the amount of \$19,142.50

8. Status of OMID Repairs Project

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

10. Motion to approve the following invoices:

1) Labor/Fringes/Non-Direct Labor Factor			
• Segment 5 NI-EA Construction		\$	1,725.93
• Segment 5 NESPS Mech./Elect. Construction		\$	6,064.11
• NI-EA Contract #2 Construction		\$	105.42
• Odor/Corrosion System Construction		\$	70,382.69
2) Equipment Charges			
• Segment 5 NI-EA Construction		\$	37.24
• Segment 5 NESPS Mech./Elect. Construction		\$	214.12
• NI-EA Contract #3 Construction		\$	2.74
• Odor/Corrosion System Construction		\$	1,990.92
a) ASI			
Invoice No. 70-9035	NESPS	\$	63,610.94
b) Clark Hill			
Invoice No. 1525100	NESPS	\$	4,480.00
c) Gallagher			
Invoice No. 5390732	NESPS	\$	48,730.50
d) Hesco			
1) Invoice No. 242597	O&M	\$	6,953.26
2) Invoice No. 242599	O&M	\$	9,869.27
3) Invoice No. 242668	O&M	\$	6,490.76
4) Invoice No. 242669	O&M	\$	1,468.85
5) Invoice No. 242670	O&M	\$	8,839.19
6) Invoice No. 242671	O&M	\$	3,285.00
7) Invoice No. 242716	O&M	\$	578.61
8) Invoice No. 242720	O&M	\$	7,420.76
e) Jacobs			
1) Invoice No. C6A19900-20	O&M	\$	21,831.28
2) Invoice No. C6A19900-21	O&M	\$	23,244.85
f) Lardner			
1) Invoice No. 203691	O&M	\$	204.00
2) Invoice No. 204005	O&M	\$	214.00
g) Metco			
Invoice No. 1811-73	O&M	\$	104,842.75
h) MFCI			
Invoice No. 1354	NI-EA	\$	20,807.90
i) Moody			
Invoice No. P0487247	NI-EA	\$	16,000.00
j) Motor City			
Invoice No. 96236	O&M	\$	16,557.00
k) Nexgen			
Invoice No. 4633	O&M	\$	29,750.00

l) NTH Consultants, Ltd			
1) Additional OMID NESPS Maintenance Eng. Services			
Invoice No. 638249	O&M	\$	2,931.07
2) Eng./Consult. Services NESPS Pumping and Electrical System			
Invoice No. 638250	NESPS	\$	4,617.47
3) Eng./Consult. Services OMID PCI-18 & PCI-19 Rehab			
Invoice No. 638253	NI-EA	\$	40,908.36
m) PM Technologies			
1) Invoice No. 95259425	O&M	\$	3,790.00
2) Invoice No. 95265485	O&M	\$	3,790.00
3) Invoice No. 95265620	O&M	\$	3,790.00
4) Invoice No. 104572676	O&M	\$	350.00
5) Invoice No. 104574449	O&M	\$	350.00
6) Invoice No. 105110401	O&M	\$	350.00
7) Invoice No. 105695071	O&M	\$	350.00
8) Invoice No. 105695096	O&M	\$	350.00
9) Invoice No. 105700301	O&M	\$	350.00
10) Invoice No. 105110629	O&M	\$	350.00
n) PMA Consultants			
Invoice No. 3559.01-55	NESPS	\$	17,781.74

11. Other Business

12. Adjourn

Next Regular Meeting: March 19, 2025, at 11:30 a.m., Eastern Standard Time.

## **Agenda Item No. 3**

Board Meeting Minutes from January 15, 2025



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

January 15, 2025

Minutes of the regular meeting of the Drainage Board of the Oakland-Macomb Interceptor Drain Drainage District held at the office of the Macomb County Public Works Commissioner, 21777 Dunham Road, Clinton Township Michigan on the 15<sup>th</sup> day of January 2025 at 11:30 a.m. Eastern Standard Time and via Microsoft Teams.

**PRESENT:**

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

**OTHERS PRESENT:**

Representing the office of the Macomb County Public Works Commissioner: Brian Baker, Don Brown, and Stephen Downing. Representing the office of the Oakland County Water Resources Commissioner: Steve Korth, Joel Brown, Jen Cook, Raphael Chirolla, Kelsey Cooke, Meg Koss, and Stephanie Lajdziak. Others in attendance: Shawn Phelps and Heidi Grunwald, OC Fiscal Services; Larry Gilbert and Michelle Kitzinger, NTH Consultants; Fritz Klingler, FK Engineering; Terry Moore, Metco; Richard Trembath, Patrick Kennedy, Sal Saputo, Phillip Anderson, Gallagher; Bill Diamond, City of Utica Department of Public Works.

1. Call meeting to order.

Chairperson Harrington called the meeting to order at 11:30 a.m.

2. Agenda.

Motion by Miller, supported by Vaara, to approve the January 15, 2025, agenda as presented.

ADOPTED:	Yeas	-	3
	Nays	-	0

3. Minutes.

Motion by Vaara, supported by Miller, to approve the minutes of the December 18, 2024, meeting.

ADOPTED:	Yeas	-	3
	Nays	-	0

4. Public Comment.

None.

5. Gallagher Insurance Renewal

Sal Saputo presented a proposal for the property, public entity liability and pollution insurance for the Drainage District. He advised that the Board accept the proposal presented and noted that the renewal was also recommended by the insurance committee.

Motion by Miller, supported by Vaara, to authorize the Board to bind and effectuate the insurance coverage as presented, and approve the invoices pertaining to the various policies subject to renewal.

ADOPTED: Yeas - 3  
Nays - 0

6. Pump 4 VFD Replacement Project

Joel Brown presented Change Order No. 2 for Rotor Electric, and the Project Cost Estimate related to the Construction of the Pump 4 VFD Replacement Project.

Change Order No. 2 for Rotor Electric for Construction of the Pump 4 VFD Replacement Project for a net increase in the amount of \$1,161,202.61 was presented. Motion by Miller, supported by Vaara, to approve Change Order No. 2 as presented.

ADOPTED: Yeas - 3  
Nays - 0

Project Estimate in the amount of \$1,407,000 to establish the Pump 4 VFD Replacement Project to be funded by the Major Maintenance Reserves was presented. Motion by Miller, supported by Vaara, to approve the Project Estimate as presented.

ADOPTED: Yeas - 3  
Nays - 0

7. Administrative Time Extensions.

The following Administrative Time Extensions were submitted to the Board for authorization:

- a) Walsh Construction Contract #WDCON8765 for an additional 18 months until June 16, 2026. Motion by Vaara, supported by Miller, to authorize the administrative time extension of contract #WDCON8765 as presented.

ADOPTED: Yeas - 3  
Nays - 0

- b) ASI Contract #WDCON8420 for an additional three years until December 26, 2027. Motion by Miller, supported by Vaara, to authorize the administrative time extension of contract #WDCON8420 as presented.

ADOPTED: Yeas - 3  
Nays - 0

8. Engineering Work Order.

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

- a) Engineering Work Order No. D-481 for NTH Consultants to increase NTH's contract #2603 for a not-to-exceed amount of \$10,000 for additional CMT services on the NESPS Pumping and Electrical Upgrades Project. Motion by Vaara, supported by Miller, to approve Engineering Work Order No. D-481 as presented.

ADOPTED: Yeas - 3  
Nays - 0

9. Change Orders.

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

- a) Change Order No. 48 for Walsh Construction for Construction of the Pump and Electrical Upgrades Project (NESPS) for a net increase in the amount of \$102,698.02  
Motion by Vaara, supported by Miller, to approve Change Order No. 48 as presented.

ADOPTED: Yeas - 3  
Nays - 0

- b) Change Order No. 3 for Z Contractors for the NIEA OMID Contract #2 PCI 18 & 19 Rehabilitation for a net decrease in the amount of \$382,850.00 and a time change of 41 days. Motion by Miller, supported by Vaara, to approve Change Order No. 3 as presented.

ADOPTED: Yeas - 3  
Nays - 0

10. Construction Pay Estimates.

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

- a) Construction Estimate No. 51 for Walsh Construction for NESPS Pump & Electrical Upgrades Project (GMP Phase) in the amount of \$ \$128,787.64. Motion by Miller, supported by Vaara, to approve Construction Estimate No. 51 as presented.

ADOPTED: Yeas - 3  
Nays - 0

- b) Construction Estimate No. 1 for Commercial Contracting Corporation for the Odor and Corrosion Control System within the OMID in the amount of \$197,623.80 with a transfer to the Oakland County Treasurer in the amount of \$21,958.20. Motion by Miller, supported by Vaara, to approve Construction Estimate No. 1 as presented.

ADOPTED: Yeas - 3  
Nays - 0

- c) Construction Estimate No. 2 for Commercial Contracting Corporation for the Odor and Corrosion Control System within the OMID in the amount of \$45,555.48 with a transfer to the Oakland County Treasurer in the amount of \$5,061.72. Motion by Miller, supported by Vaara, to approve Construction Estimate No. 2 as presented.

ADOPTED: Yeas - 3  
Nays - 0

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

Fritz Klingler of FK Engineering presented the Project Progress Update and presentation (attached) to the Board and summarized the status of various projects. Motion by Miller, supported by Vaara, to receive and file the report as presented.

ADOPTED: Yeas - 3  
Nays - 0

12. Financial Reports.

Shawn Phelps presented the financial reports for Segment 5, NI-EA Contract #2, and the Odor and Corrosion Control. Motion by Vaara, supported by Miller, to receive and file the financial reports as presented.

ADOPTED: Yeas - 3  
Nays - 0

13. Invoices.

1) Labor/Fringes/Non-Direct Labor Factor			
• Segment 5 NI-EA Construction		\$	3,488.90
• Segment 5 NESPS Mech./Elect. Construction		\$	12,473.10
• NI-EA Contract #2 Construction		\$	187.72
• Odor/Corrosion System Construction		\$	1,769.74
2) Equipment Charges			
• Segment 5 NI-EA Construction		\$	84.22
• Segment 5 NESPS Mech./Elect. Construction		\$	421.78
• NI-EA Contract #3 Construction		\$	5.48
• Odor/Corrosion System Construction		\$	38.36
a) ASI			
Invoice No. 69-8984	NESPS	\$	96,647.81
b) Hesco			
1) Invoice No. 242590	O&M	\$	8,121.85
2) Invoice No. 242598	O&M	\$	6,453.85
c) Kennedy			
1) Invoice No. 643633	O&M	\$	15,096.67
2) Invoice No. 644228	O&M	\$	1,137.50
3) Invoice No. 644333	O&M	\$	3,881.00
d) Lardner			
Invoice No. 203389	O&M	\$	204.00
e) Metco			
Invoice No. 1811-72	O&M	\$	105,329.63
f) Motor City			
1) Invoice No. 96128	O&M	\$	420.00
2) Invoice No. 96129	O&M	\$	131.25
3) Invoice No. 96144	O&M	\$	961.00
4) Invoice No. 96145	O&M	\$	52.50
g) NTH Consultants, Ltd			
Invoice No. 638007	NI-EA	\$	43,578.08
h) PM Technologies			
1) Invoice No. 95183950	O&M	\$	42,636.00
2) Invoice No. 104573016	O&M	\$	350.00
3) Invoice No. 105033457	O&M	\$	831.18
4) Invoice No. 105110371	O&M	\$	350.00
i) PMA Consultants			
Invoice No. 3559.01-54	NESPS	\$	17,781.74
j) Rotor Electric			
Invoice No. 12818	O&M	\$	226,307.35

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

ADOPTED:      Yeas   -      3  
                     Nays   -      0

14. Other Business.  
None.

15. Adjourn.  
Motion by Vaara, supported by Miller, to adjourn the January 15, 2025, meeting at 12:26 p.m.

ADOPTED:      Yeas   -      3  
                     Nays   -      0

Next Regular Meeting *Office of the Oakland County Water Resources Commissioner, One Public Works Drive, Building 95 West, Waterford, Michigan* and electronically at 11:30 a.m., Eastern Standard Time on February 19, 2025.

I hereby certify that the foregoing constitutes the minutes of the Drainage Board for the Oakland-Macomb Interceptor Drain Drainage District, at a meeting held on January 15, 2025 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 15<sup>th</sup> day of January 2025.



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

## **Agenda Item No. 4**

### **Public Comment**

## **Agenda Item No. 5**

### Request for Proposals





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

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**TO:** Brady Harrington, 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:** Approval to Issue Request for Proposals for As-Needed Debris and Sludge Removal, Confined Space Services, CCTV Inspection, Sewer Grouting and Sewer Repair Services

**DATE:** February 19, 2025

METCO has Doetsch Environmental Services (Doetsch) under contract to perform the following services:

- Periodic debris and ragging that accumulates at the Northeast Sewage Pumping Station (NESPS).
- As-needed debris removal at the control structure sluice gates throughout the system, which allows for proper closing of the gates for flow control.
- Confined Space and ventilation support, typically as a subcontractor to HESCO.

In addition, NTH has retained Doetsch previously to perform CCTV inspection services for condition assessment of the OMID system. Doetsch was also the Contractor for the OMID Immediate Repairs Project, in which they performed infiltration grouting, debris removal and localized repair of the interceptor.

For the above reasons, it is prudent to engage in a contract with Doetsch to provide these services under direct contract with OMIDDD. However, as Doetsch is a heavily utilized contractor across the region, we believe soliciting multiple contractors that can perform the above activities will provide flexibility in as-needed response. This will also allow us to have pre-qualified contractors under contract to provide quotes for CCTV inspection as well as grouting or localized repair efforts after a condition assessment has been performed.

A request for proposals has been drafted to solicit contractors to provide the above services. We understand that prospective contractors are likely unable to perform all of these services but are not excluded from submitting a proposal. Accordingly, we anticipate obtaining multiple contracts with various contractors to provide a minimum of three of the above services, which we will present to the Board after proposals have been received.

**RECOMMENDED ACTION:** Authorize the attached Request for Proposals be finalized and publicly posted to provide as-needed debris and sludge removal, confined space services, CCTV inspection, sewer grouting and sewer repair services.

## **REQUEST FOR PROPOSAL**

# **OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT (OMIDDD) SYSTEM DEBRIS REMOVAL, CONFINED SPACE AND VENTILATION SUPPORT, CCTV INSPECTION AND GROUTING SERVICES**

PREPARED BY:

OAKLAND COUNTY WATER RESOURCES COMMISSIONER'S OFFICE  
BUILDING 95 WEST  
ONE PUBLIC WORKS DRIVE  
WATERFORD, MICHIGAN 48328-1907

Date: December 9, 2022

## PURPOSE

The purpose of this Request for Proposal (RFP) is to solicit proposals from contractors for miscellaneous debris cleaning, debris removal, CCTV inspection, confined space support, infiltration grouting and other professional services in relation to the Oakland-Macomb Interceptor Drain Drainage District (OMIDDD) Flow Control Structures, Oakland-Macomb Interceptor Drain (OMID), Northeast Sewage Pumping Station (NESPS) Wet Well, and downstream North Interceptor-East Arm (NI-EA). A juried selection process will be utilized to establish a final award for this project. Each proposal will be evaluated in accordance with the criteria described below.

Scoring will be based on the Contractor's understanding of the scope of services, demonstrated ability to perform the services, related work experience, and knowledge of the OMID system. , Contractor's fees will also be considered as part of the scoring criteria. OMID understands that a single contractor may not be able to perform all requested services. This does not exclude a contractor from submitting a proposal and being awarded an as-needed services contract. Contractors are encouraged to submit a proposal indicating which services they can provide. Subcontractors are permitted to be used to provide the scope of services. OMID reserves the right to engage in multiple contracts to collectively provide the services requested in this RFP..

## BACKGROUND

The OMIDDD owns and operates the OMID, which consists of approximately 27 miles of largely unreinforced concrete interceptor sewer. The OMID ranges between 3-foot and 13-foot in diameter and between 20 feet and 100 feet in depth. The system extends from approximately Avon Road and Dequindre Road in the Charter Township of Shelby to 8 Mile and Van Dyke in the City of Detroit as shown in the "OMID Map" within Appendix A. Please also see the plan and profiles on the "OMID Immediate Repair Project" As-Builts that are also included for reference in Appendix B.

Beginning in 2010, the OMIDDD undertook a series of projects to rehabilitate the existing pipe through grouting and lining. In order to perform this work, a set of Flow Control Structures, CS-5, CS-6, CS-7, CS-8 and CS-9, consisting of bulkhead gates with inset controllable sluice gates were installed within the system. Please see the appended control structure structural drawings contained in Appendix C for reference. The gates provided the ability to store flow within the interceptor to perform the lining. The rehabilitation work was complete in 2018, however the flow control structures remain in use as they allow CCTV inspection, corrective maintenance and preventive maintenance to be performed. While valuable in their use, the sluice gate openings are prone to collect ragging and other debris which inhibits OMIDDD's ability to operate them. Periodic cleaning of the gates and removal of the debris is needed to ensure proper operation.

In the spring of 2019, OMIDDD and the Great Lakes Water Authority (GLWA) entered into an agreement to allow the Oakland-Macomb Interceptor Drain Drainage District (OMIDDD) to manage the day-to-day maintenance and capital improvement projects for the downstream terminus of the OMID system, the Northeast Sewage Pumping Station (NESPS) and subsequent

## REQUEST FOR PROPOSAL

7 Miles of the North Interceptor-East Arm (NIEA) sewer that solely serve OMID as shown in Appendix A. The NESPS (423 cfs contract capacity) and the downstream NI-EA, which ranges between 17' 6" to 8 foot in diameter, as shown in Appendix A are currently being rehabilitated. OMIDDD has engaged in three capital projects to rehabilitate these facilities: the Northeast Sewage Pumping Station Pumping and Electrical Upgrades (NESPS P&E) Project, the OMIDDD NI-EA Contract No.1 PCI-4 (NI-EA PCI-4) Rehabilitation Project and the OMIDDD NI-EA Contract No.2 PCI-18 and PCI-19 Rehabilitation (NI-EA PCI-18 & 19) Project. Please see Appendix D for the NI-EA Contract 1 and Contract 2 Plans for reference as they contain plan and profiles for the NI-EA alignment.

The NESPS must remain operational throughout these capital projects. The NESPS has an approximately 100-foot deep split wet well with two bar screens roughly 50 feet wide and 30 feet tall as shown in the drawings within Appendix E. Periodic ragging and other buildup on the bar screens at the NESPS have caused a differential water level elevation between the upstream and downstream sides of the bar screen during pumping. In addition, the wet well sump collects, sediment, rags and miscellaneous debris which also must be periodically removed either on a piece by piece bases or an entire cleaning of the sump. This debris forces the NESPS pumps to have to cycle on and off more frequently to drop the wet well water levels to target elevations and heightens the risk of objects lodging in the pump altogether preventing operation. Accordingly, having the wet well and bar screens fully and properly cleaned on a quarterly basis as well as the sediment periodically removed (once every 2-3 years) is essential for efficient pumping operations of the NESPS.

Additionally, OMIDDD engages in a 3-year CCTV inspection rotation program of various reaches of the system. CCTV inspections services are a part of the scope of services requested within this RFP as OMIDDD intends to perform another inspection before the end of 2026. Contractors that are to provide these services must demonstrate an ability to perform mounted camera or assist with manned entry, as applicable, into the OMID and NI-EA systems for Pipeline Assessment Certification Program (PACP) inspection of the system. Control Structures are utilized to support this activity to minimize flow within certain reaches of the interceptor.

As a result of these inspections, infiltration locations, deposit locations and localized distresses are typically identified and scheduled to be remedied. OMIDDD recently performed the "OMID Immediate Repair Project: in which a comprehensive set of drawings and specifications were issued to perform the corrections. The drawings are contained in Appendix B and are included for reference only. OMIDDD anticipates prospective contractors would perform the typical repairs shown on Sheet R6-R8 of the "OMIDDD Immediate Repair Project" Drawings, but on an overall significantly smaller scale.

Finally, OMIDDD personnel, consultants and other contractors may need to be provided confined space entry into various portions of the system for investigations or repairs. Such support typically includes localized ventilation as well as appropriate monitoring, safety and retrieval equipment as required per MiOSHA regulations. This service is also being requested as part of this RFP.

## **SUMMARY OF OBJECTIVES**

The overall intent of this RFP is to retain one or more contractors that can collectively perform the services identified in the Scope of Contractor's Services section to maintain operability of the system as well as perform condition assessment and localized rehabilitation to ultimately ensure long-term performance of the OMID Control Structures NESPS, and NI-EA.

## **SCOPE OF CONTRACTOR'S SERVICES**

A further breakdown of requested services needed to fulfill the stated objectives above is shown in the attached Professional Services Agreement located in Appendix E. Contractors must provide a minimum of three services to be considered.

1. CCTV inspection services across all diameters and depths within the system, either via mounted camera or personnel entry.
  - a. Occurrence: A minimum of one inspection program will be performed as part of this scope of services on roughly 1/3 of the system.
2. Infiltration grouting and localized repair of concrete as noted from condition assessments.
3. Confined space support services, to allow OMIDDD personnel, consultants and contractors safe entry into the interceptor or control structure according to MiOSHA regulations.
  - a. Occurrence: As-Needed
4. Remove and dispose of debris of the sluice gates at each control structure.
  - a. Occurrence: As Needed
5. Debris cleaning within the interceptor
  - a. Occurrence: As needed
6. Cleaning of the bar screens at the NESPS
  - a. Occurrence: Quarterly
7. Cleaning of the wet well sediment
  - o Occurrence: A minimum of one wet well sediment removal will be performed as part of this scope of services.

## **PROPOSAL FORMAT**

The Contractor's proposal shall be presented in an 8-1/2" x 11" format (figures no larger than 11"x 17"). The text shall be concise with emphasis placed on completeness and clarity. Two (2) hard copies and one (1) electronic file in a PDF format of the RFP are required for submittal. Scoring will be conducted by the Selection Committee. Proposals shall be single sided and limited to 30 pages with a font of 11 or larger. Resumes will not be counted towards the size of the Proposal. Separate each of the following sections by tabs. Follow the outline in the sections when putting together the Proposal.

OCWRC may, at its option, employ a second phase of the selection process consisting of an oral presentation of the Contractor's proposal, an interview, or a combination of the two. Contractors

who submit a complete response to this RFP may be required to make one or more oral presentations to OCWRC's representatives. These presentations provide an opportunity for the Contractor to clarify their submittal to ensure that the Selection Committee has a thorough understanding of the submittal and ask questions of the Contractor to clarify the requirements of the RFP. At this time, the Selection Committee also may pose questions to the Contractors regarding their submittals. OCWRC will tentatively schedule these presentations for Date.

Contractors will be evaluated on the following information. OMIDDD reserves the right to award contracts to one or more of the highest scoring Contractors:

### **Section I – Understanding of the Project, Scope of Contractor's Services and Duration Schedule**

Provide a maximum two-page introduction with a brief discussion of the Contractor's past accomplishments, award, recognitions, the Contractor's understanding of the project scope and how they are situated to address that scope.

Provide a detailed work plan that discusses how the Contractor will meet the Scope of Services as detailed within this RFP as well as their knowledge of the OMIDDD System. Discuss the proposed planning, organization and management tools to be used to facilitate the Scope of Services.

The weighted value of this Section will be 10% of the overall evaluation by the Selection committee.

### **Section II – Contractor's Personnel**

Provide the name of the project manager and site supervisor that would oversee the Work associated with this scope of services along with a description of their experience and expertise (minimum 10 years of experience for each of these positions). Also list the names of other key members of the Project Team along with their experience and expertise, and specific responsibilities. If Subcontractors will be used for any of the services, list the key personnel from these companies and their expertise.

The weighted value of this Section will be 20% of the overall evaluation by the Selection committee.

### **Section III - Related Project Experience**

The Contractor is to fill out the Experience and Qualifications Statement contained in Appendix F. Provide descriptions of the contractor's ability and experience in performing services described in this RFP. Preference will be given to Contractors who can perform services above the required minimum of three. Provide a list of related project experience within the last 10 years in which these services were performed. Highlight three (3) projects that include the following information: project description, project dates, dollar value and the names and titles of individuals currently employed with your company that were assigned to the project and the

role(s) they performed. Include a statement on budget and schedule in comparison (from inception to completion) for each project listed. Provide project references with contact information for each project described.

The weighted value of this Section will be 40% of the overall evaluation by the Selection committee.

**Section IV - Estimate of Fees (Equipment per hour and labor costs for needed services)**

Contractor's fees are required to be submitted with their proposal and should address the following criteria:

The typical method of payment by OMIDDD to the Contractor for as-needed spot services shall be on a time-and-material basis using Contract Rates. Lump sum or unit price quotes will be requested in writing by OMIDDD for larger scopes of work as identified through the course of this contract. The Contractor's Proposal shall include Contractor Rates for 2025 – 2028.

“COST” for services provided by the Contractor are further defined below and shall be the actual and necessary cost incurred by the Contractor.

- Mobilization
- Labor
- Material/Supplies
- Equipment
- Subcontractor (if applicable)
- Insurance Premium (if applicable)

Mobilization- Rates shall include round trip for driver and vehicle. Drop off /set up shall be considered (1) round trip. Pick up / teardown shall be considered a second-round trip. Daily drive time from the Contractor's shop to the job site shall be covered in, labor, material and equipment rates unless otherwise stipulated in the bidder's proposal.

Labor- The bidder shall provide a job classification rate sheet for all positions that may be utilized for this contract. This may include laborer, operator and supervisor. Regular, overtime/weekend and holiday rates for each classification shall be provided, as applicable.

Material/Supplies- Material and supplies shall be invoiced at cost plus Contractor's markup. Anticipated material and supplies shall also be listed in the proposal with the bidder's mark-up rate (max 15%). Anticipated material may include, but is not limited to:

## REQUEST FOR PROPOSAL

- Grout (Acrylamide or Cementitious)
- Fuel (pumps/fans/generators)
- Sewer Plugs
- Mortar

Equipment- The proposal shall include a tabulation of daily, weekly and monthly rates for all Contractor supplied equipment. Equipment standby as well as on-line rates shall be provided. The total fee for any material and equipment for a particular project is limited to the new replacement cost of the material and equipment plus applicable mark-up for any Contractor owned equipment. OMIDDD will have the option to negotiate a buyback price or credit for long duration rentals of material and equipment.

The mark-up rate for equipment rented by the Contractor along with a list of any anticipated rental equipment shall be provided in the proposal. Markup on rented equipment shall not exceed 15%. If equipment is required that is not listed in the proposal, then equipment rental shall be the actual additional costs incurred for the necessary equipment. Cost shall not be allowed in excess of usual rentals charged in the area for similar equipment of like size and condition. If additional contractor owned equipment is required and not provided in the proposal, then the rental rate will be determined by use of Blue Book Rental Rates. For equipment not listed in the Blue Book Rental Rates the rental rate will be determined by using the rate listed for a similar piece of equipment.

Non-productive time due to equipment failure or other Contractor determined cause will not be included in the Contractor's monthly invoice. Any equipment that is onsite and necessary for the project but not in use for reasons other than mechanical failure or Contractor determined causes shall be billed at the idle rate, which is 50% of the operating rate.

Subcontractor- The mark-up rate for subcontractor expense, along with a list of any anticipated subcontractor activities shall be provided in the proposal. Subcontractor expense mark-up shall not exceed 10%

Insurance Premium- Insurance premiums shall be limited to those based on labor payroll and to the types of insurance required by the Contract. The amount allowed shall be limited to the net costs incurred as determined from the labor payroll covering the work. The Contractor shall, upon request of OMIDDD, submit verification of the applicable insurance rates and premium computations. The Contractor will be allowed to invoice for substantiated direct costs of the additional insurance coverages and limits required herein. No mark-up will be allowed on the invoice. Reference the insurance requirements in Appendix G.

Payment will be made within (60) days of invoice. Invoices must be submitted at least (14) days in advance of an upcoming OMIDDD Board meeting to be eligible



for payment approval at the meeting. OMIDDD reserves the right to withhold retainage in compliance with MCL 125.1563. the provisions of that statute shall govern over any provisions contained herein that are found to conflict with the provisions of the statute. OMIDDD further reserves the right to withhold payment for defective work, non-payment to subcontractors or breach of Contract.

The Contractor is to provide an equipment list of all equip. The estimate is

The weighted value of this Section will be 20% of the overall evaluation by the Selection committee.

### **Section V – Administrative Forms**

The Contractor is to provide executed copies of all of the requested documents located in Appendix F with the exception of the mailing label. The mailing label is to be filled out and placed on the outside of the bid envelope. The documents in this section will not be counted towards the size of the Proposal.

### **REFERENCE DOCUMENTS**

WRC will provide the following documents for reference as noted within this RFP:

#### **Appendix A**

- OMID Map
- NI-EA Map
- NI-EA PHASE II)
- GROUTING SPECS AND DRAWINGS-OMID IMMEDIATE REPAIRS

#### **Appendix B**

- OMID Immediate Repairs Project Drawings (For Reference-Plan and Profile of the OMID System)

#### **Appendix C**

- OMID Control Structure Drawings

#### **Appendix D**

- NI-EA Contract 1 Project Drawings (For Reference-Plan and Profile of the NIEA System)
- NI-EA Contract 2 Project Drawings (For Reference-Plan and Profile of the NIEA System)
- 

#### **Appendix E**

- NESPS Wet Well Drawings (For Reference)

Appendix F

- Sample PSA Contract

Appendix G

- Experience and Qualification Statement
- E-Verify Program
- Insurance Requirements
- Iran Linked Business Certification
- Certification of Safety Compliance
- Disclosure Form
- Non-Collusion Affidavit
- General Information
- Vendor Debarment

## **ADDITIONAL REQUIREMENTS**

### **Agreement**

Before submitting its proposal, the Contractor shall thoroughly review and become familiar with the attached Professional Services Agreement Standard Terms and Conditions contained in Appendix F. The Contractor selected for the project will be expected to enter into a similar agreement with the WRC, tailored to the specific scope of services the Contractor can provide.

### **Insurance**

The Contractor shall refer to the specific insurance requirements for this project as presented in Section 6 of the Professional Services Agreement Standard Terms and Conditions.

### **Indemnification**

The Contractor shall refer to the specific indemnification requirements for this project as presented in Section 6 of the Professional Services Agreement Standard Terms and Conditions.

### **Conflicts of Interest**

Contractor warrants that before submitting its proposal and/or entering into this contract it has performed an inquiry within its company to determine whether the services to be provided under this contract may pose a conflict of interest. For purposes of this contract, a conflict of interest occurs when the services to be provided conflict, are adversarial to, may influence Contractor's judgment or appear to influence Contractor's judgment or quality of services under the contract with the Contractor's representation of other clients. Except as provided herein, Contractor shall certify, to the best of its knowledge, to the WRC that there are no conflicts of interest by providing the services under this contract.

If at any time Contractor determines that there is a conflict of interest or potential conflicts of Interest, then the Contractor shall disclose such conflicts of interest to the WRC. The WRC may request that the Contractor obtain a waiver or acknowledgment of the conflict from its client(s).

In the event that a contractor of interest arises in the course of providing services under this contract, the Contractor may be required to withdraw from its representation of the WRC and may be liable for incremental costs, if any, associated with the WRC having to engage another contractor to perform the services under this contract.

### **Disclosure of Contents**

All information provided in the Contractor's proposal will be held in confidence and will not be revealed or discussed with competitors until the deadline for submission of proposals has expired. Pursuant to Section 13 (1) (j) of the Michigan Freedom of Information Act, as amended, MCL 15.243 (1) (j), provides that a public body may exempt from disclosure as a public record A [a] bid or proposal by a person to enter into a contract or agreement, until the time for the public opening of the bids or proposals, or if a public opening is not conducted, until the deadline for submission of bids or proposals has expired. The submission of additional pertinent information beyond the requirements of this RFP is acceptable. The legal arrangement proposed between the firms comprising a "joint venture, team, Subconsultants, etc." is to be explained in the proposal. There are no requirements for MBE, WBE or DBE involvement for this portion of the project, or other requirements of federally funded projects.

### **Rejection of Proposals**

The WRC reserves the right to reject any and all of the proposals received as a result of this RFP. No late proposals will be accepted. The official time clock shall be the date/time clock located at the OCWRC main office.

### **Incurred Cost**

The WRC will not be liable for any cost incurred by the Contractor in developing its proposal or for any other work performed through and including the execution of a contract for professional services, prior to the execution of a contract.

### **Addenda to the RFP**

An addendum will be issued in the event it becomes necessary to revise any part of this RFP.

### **Completeness of Contractor's Proposal**

The Consultant's proposal shall address all items completely and thoroughly, in accordance with the proposal format provided. The proposal shall be signed by an officer of the company, or the team authorized to bind the Contractor to its provisions.

## REQUEST FOR PROPOSAL

The contents and commitments in the Contractor's proposal shall remain firm for 120 calendar days from the submittal due date.

By submitting a proposal, the Contractor's officer certifies that it is not currently debarred from submitting bids for contracts issued by any political subdivision or agency of the State of Michigan or the EPA and that it is not an agent of a person or entity that is currently debarred from submitting bids or contracts issued by any political subdivision or agency of the State of Michigan, or the EPA.

### **Contractor Responsibilities**

The Contractor shall be capable of providing a minimum of three of the professional services as described above under the Scope of Contractor's Services and to maintain those capabilities until notification that their proposal was unsuccessful. Exclusion of any service for the project may serve as cause for rejection.

### **Acceptance of Proposal Content**

The proposal presented will be evaluated by the Owner's Selection Committee. Scoring will be conducted by the Selection Committee based on the Contractor's understanding of the project including local knowledge, scope of services, schedule, confined space abilities and related project experience. Final recommendation of the highest-ranking firm will be made by the Selection Committee. OMIDDD reserves the right to award to multiple Contractors to fulfill the scope of services requested by this RFP.

### **QUESTIONS**

All questions must be submitted on BidNet and will be responded to by an addendum. Questions must be received seven (7) days prior to the due date.

### **PRE-BID MEETING AND SITE INSPECTION**

A pre-bid meeting is scheduled for XX at XX, local time, at the following location:

Northeast Sewage Pumping Station  
11001 East State Fair  
Detroit, MI 48234

All prospective Bidders are required to attend this meeting.

### **SUBMISSIONS**

The Contractor's proposal must be submitted by XXX at XXX pm on BidNet. Late submissions will not be considered.

## **Agenda Item No. 6**

### **Change Orders**

**CHANGE ORDER NO. 2**

**Jim Nash, Oakland County Water Resources Commissioner**  
**Oakland-Macomb Interceptor Drain Drainage District**  
**For As Needed Underground Services**  
**City of Warren, Sterling Heights, Shelby Township, Utica and Detroit**  
**Macomb and Oakland Counties, Michigan**

Authorization for Extras To & Changes In Contract

Department No. : 6010101

Account No. : 730373

Fund No. : 82912

Program No. : 149090

Project No. : N/A

Project Activity : N/A

Contractor : Cortis Bros. Trucking & Excavating Inc.  
6052 Starville Rd.  
Marine City, MI 48039

Contract No. : WDCON8796  
Date of Contract: 3/1/20  
Completion Date: 3/1/27

Auth No.	Location-Description-Reason	Unit Used	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
	<p><b><u>LOCATION:</u></b></p> <p>Northeast Sewage Pumping Station (NESPS), North Interceptor-East Arm (NI-EA) and OMID System</p> <p><b><u>DESCRIPTION:</u></b></p> <p><b>(Change/Add):</b></p> <p>This change order extends the existing contract #WDCON8796 another two years to March 1, 2027 for Cortis to continue to provide corrective and emergency underground water, sewer and drain excavation/installation services according to the appended updated rate schedule (or lump sum as requested). No additional funding to the contract is needed at this time.</p>	Yrs.	2.0	N/A	2 Years	---

**JIM NASH**  
**OAKLAND COUNTY WATER RESOURCES COMMISSIONER**

## CHANGE ORDER

Auth No.	Location-Description-Reason	Unit Used	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
	<b><u>REASON:</u></b>  OMIDDD is still in need of corrective and emergency underground services related to water, sewer and drainage systems both at the NESPS and on the OMID System. Cortis has been a reputable contractor that has provided these services for the OMIDDD satisfactorily in the past.					
				Totals	\$0.00	\$0.00
				Net Increase	\$0.00	\$0.00

JIM NASH  
OAKLAND COUNTY WATER RESOURCES COMMISSIONER

## CHANGE ORDER NO. 2

**Jim Nash, Oakland County Water Resources Commissioner  
Oakland-Macomb Interceptor Drain Drainage District  
For As Needed Underground Services  
City of Warren, Sterling Heights, Shelby Township, Utica and Detroit  
Macomb and Oakland Counties, Michigan**

Prepared by: \_\_\_\_\_  
Joel Brown-OCWRC Chief Engineer

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

Recommended by: \_\_\_\_\_  
N/A  
Consultant

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

Approved by: \_\_\_\_\_  
Steve Downing- MCPWO Construction and Maintenance

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

The Contractor agrees to do the work described above and agrees to accept payment in full on the basis indicated.

Accepted by: \_\_\_\_\_  
Paul Muscat  
Cortis Bros. Trucking & Excavating, Inc.

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

Approved by: \_\_\_\_\_  
Steve Korth P.E.  
OCWRC Chief Manager

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

The Contractor is hereby authorized and instructed to do the work described above in accordance with the terms of the Contract.

This Change Order was approved by the Drainage Board on:



## CHANGE ORDER

## CHANGE ORDER NO. 2

**Jim Nash, Oakland County Water Resources Commissioner  
Oakland-Macomb Interceptor Drain Drainage District  
For As Needed Underground Services  
City of Warren, Sterling Heights, Shelby Township, Utica and Detroit  
Macomb and Oakland Counties, Michigan**

Notice to Proceed Date:	N/A
Contract Substantial Completion Date:	N/A
Contract Final Completion Date:	March 1. 2027
Original Contract Value:	\$500,000.00
Previous C.O. Values (1&2):	\$0.00
Change Order No. 3 Value	\$0.00
<b>Adjusted Contract Value</b>	<b>\$710,124.00</b>

**JIM NASH  
OAKLAND COUNTY WATER RESOURCE COMMISSIONER**

**CHANGE ORDER NO. 3**

**Jim Nash, Oakland County Water Resources Commissioner  
Oakland-Macomb Interceptor Drain Drainage District  
For As Needed Underground Services  
City of Warren, Sterling Heights, Shelby Township, Utica and Detroit  
Macomb and Oakland Counties, Michigan**

Authorization for Extras To & Changes In Contract

Department No. : 6010101

Account No. : 730373

Fund No. : 82912

Program No. : 149090

Project No. : N/A

Project Activity : N/A

Contractor : D'Angelo Bros. Inc.

Contract No. : WDCON8788

PO Box 531330

Date of Contract: 3/1/20

Livonia, MI 48513

Completion Date: 3/1/27

Auth No.	Location-Description-Reason	Unit Used	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
	<p><b><u>LOCATION:</u></b></p> <p>Northeast Sewage Pumping Station (NESPS), North Interceptor-East Arm (NI-EA) and OMID System</p> <p><b><u>DESCRIPTION:</u></b></p> <p><b>(Change/Add):</b></p> <p>This change order extends the existing contract #WDCON8788 another two years to March 1, 2027 for D'Angelo to continue to provide corrective and emergency underground water, sewer and drain excavation/installation services according to the appended updated rate schedule (or lump sum as requested). No additional funding to the contract is needed at this time.</p>	Yrs.	2.0	N/A	2 Years	---

**JIM NASH  
OAKLAND COUNTY WATER RESOURCES COMMISSIONER**

## CHANGE ORDER

Auth No.	Location-Description-Reason	Unit Used	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
	<p><b><u>REASON:</u></b></p> <p>OMIDDD is still in need of corrective and emergency underground services related to water, sewer and drainage systems both at the NESPS and on the OMID System. D'Angelo has been a reputable contractor that has continued to satisfactorily provide these services for the OMIDDD and has an established familiarity with OMID assets.</p>					
				Totals	\$0.00	\$0.00
				Net Increase	\$0.00	\$0.00

**JIM NASH**  
**OAKLAND COUNTY WATER RESOURCES COMMISSIONER**

**CHANGE ORDER NO. 3**

**Jim Nash, Oakland County Water Resources Commissioner  
Oakland-Macomb Interceptor Drain Drainage District  
For As Needed Underground Services  
City of Warren, Sterling Heights, Shelby Township, Utica and Detroit  
Macomb and Oakland Counties, Michigan**

Prepared by: \_\_\_\_\_  
Joel Brown-OCWRC Chief Engineer

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

Recommended by: \_\_\_\_\_  
N/A  
Consultant

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

Approved by: \_\_\_\_\_  
Steve Downing- MCPWO Construction and Maintenance

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

The Contractor agrees to do the work described above and agrees to accept payment in full on the basis indicated.

Accepted by: \_\_\_\_\_  
Vince D'Angelo  
President-D'Angelo Bros. Inc.

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

Approved by: \_\_\_\_\_  
Steve Korth P.E.  
OCWRC Chief Manager

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

The Contractor is hereby authorized and instructed to do the work described above in accordance with the terms of the Contract.

This Change Order was approved by the Drainage Board on:

## CHANGE ORDER

## CHANGE ORDER NO. 3

**Jim Nash, Oakland County Water Resources Commissioner  
Oakland-Macomb Interceptor Drain Drainage District  
For As Needed Underground Services  
City of Warren, Sterling Heights, Shelby Township, Utica and Detroit  
Macomb and Oakland Counties, Michigan**

Notice to Proceed Date:	N/A
Contract Substantial Completion Date:	N/A
Contract Final Completion Date:	March 1. 2027
Original Contract Value:	\$500,000.00
Previous C.O. Values (1&2):	\$210,124.00
Change Order No. 3 Value	\$0.00
<b>Adjusted Contract Value</b>	<b>\$710,124.00</b>

**JIM NASH  
OAKLAND COUNTY WATER RESOURCE COMMISSIONER**

## CHANGE ORDER NO. FORTY-NINE

Oakland Macomb Interceptor Drain, Drainage District (OMIDDD)

For Construction of the Pump and Electrical Upgrades Project

Northeast Sewage Pumping Station (NESPS)

Located in the City of Detroit, Wayne County, Michigan

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

**Authorization for:** 1.) Electrical Mezzanine  
Improvements; 2.) Cleaning and Painting of Motor Room  
Ceiling and Walls

\*\*\*\*\*

Address:

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

Change Order No. 49 Date: February 05,2025

	Location-Description-Reason	Unit	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
	<b><u>LOCATION</u></b>  <i>All the Work items noted herein are located at the Northeast Sewage Pumping Station (NESPS) in Detroit, Wayne County, Michigan.</i>					
49- 1	<b><u>DESCRIPTION (Extra/ Add):</u></b>  Provide labor, equipment, and materials to perform the proposed repairs and rehabilitation to the NESPS area generally described as the existing Electrical Mezzanine and also the adjacent south and east building entrances. This additional work is described in Work Directive No. 132.  <b><u>REASON:</u></b>  Upon removal (under base Contract) of the existing, original NESPS electrical gear (obsolete and to be discarded) located in the NESPS "Mezzanine Area", the vacated floor space provides an appropriate working space for permanent NESPS building operations. Included in the proposed renovations are improvements to the south and east building	LS	1 ea.	\$ 86,464.65	\$86,464.65	-0-

	Location-Description-Reason	Unit	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
49-1	<p>entrances, new interior and exterior lighting, electrical fixtures, conduit and wiring, door security and gas alarm modifications, and interior partitions for closet areas.</p> <p>In addition, the installation of a new exterior pedestrian entrance in the west wall of the building (designated as Door # 38, as required by Code consistent with the proposed mezzanine renovations) will be constructed and accompanied by exterior lighting and concrete sidewalk additions.</p> <p>Attachment: Walsh Construction PCI No.970252</p>					
49-2	<p><b><u>DESCRIPTION: (Change/ Add):</u></b></p> <p>Furnish labor, material, and equipment to surface clean and paint the interior surfaces of the NESP "Motor Room" Ceiling and Wall areas, including the 25 Ton Overhead crane support girders and access ladder, and the Dry Well Elevator door and interior surfaces.</p> <p><b><u>REASON:</u></b></p> <p>The completion of other newly installed Pump Motors, access platforms, and related accessories has emphasized the importance of the building interior appearance in representing a "totally reconstructed facility". This surface renovation will help promote the long term maintenance and safety philosophy of the station, and provide visible evidence to the public that the financial investment in the station upgrades have been worthwhile.</p> <p>In addition to the painting, included in this task is the pressurized air cleaning of the surface areas to be painted, erection of an engineered platform arrangement to access the high bay ceiling, construction of specialized containment protection to cover the pump motors and accessories (while allowing routine pump operation to continue), and cleaning/ re-caulking of sealed joints where required..</p>	LS	1 ea.	\$ 253,905.75	\$ 253,905.75	-0-

	Location-Description-Reason	Unit	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
	<p>This Change Order Item No. 49-1 is a final settlement of all matters relating to this Change Order item for all damages and costs, as more specifically stated on page 3 below, except those damages and costs exclusively related to the delay in the Substantial Completion date of the Project, if any, that results from this Change Order. Walsh reserves the right to make a request for an equitable adjustment to the Contract Time(s) for Substantial Completion and/or Final Completion of the Project and to the Contract Sum, for damages and costs exclusively related to the delay to the Substantial Completion date of the Project, if any, that results from this Change Order.</p> <p>END OF LINE ITEMS FOR CHANGE ORDER NO. 49</p>					
	<b>NESPS Pump &amp; Elec. Change Order #49</b>			---	---	---
					Amount Increase	Amount Decrease
				Change Order # 49 Totals	\$ 340,370.40	-0-
				Net Changes (Increase)	\$ 340,370.40	-----

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

Date: FEB 07, 2025

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

Date: 2/7/2025

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

Date: 2/12/2025

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

Date: 2/9/2025

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

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



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

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

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

Accepted by: \_\_\_\_\_ Date: \_\_\_\_\_  
Title  
of: Walsh Construction Co. II, Inc.

\_\_\_\_\_

This Change Order No. 49 was approved by the Drainage Board on: Date: \_\_\_\_\_

## Attachment No. 1 to Change Order No. Forty-Nine

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

### *Contract Status Summary*

Change Order No. Forty-Nine (February 04, 2025)

OMID NESPS Pump & Electrical Upgrades Project

*Construction Manager at Risk: Walsh Construction Co. II*

Project Award Date (Pre-Construction Services)	December 16, 2019
Notice to Proceed Date (Construction Phase)	October 23, 2020
Contract Substantial Completion Date (Original)	March 28, 2023
Contract Final Completion Date (Original)	June 22, 2023
Total GMP Contract Value (Including Control Structure 9) (Reconciled for separation of Pre-Construction Costs)	\$ 42,933,381.88
C.O. Values # 7 through # 48, and including CS-9 C.O. # 1,2,3,4 (Corrected Value from C.O. # 42)	\$ 7,929,655.55
This Change Order # 49	\$ 340,370.40
<b>Adjusted GMP Contract Value, Pump &amp; Electrical Upgrades and CS-9 Projects (Including this C.O. # 49)</b>	<b>\$ 51,203,407.83</b>



## CHANGE ORDER NO. 0001

**The Oakland Macomb Interceptor Drain, Drainage District  
NIEA OMID Contract #2 PCI 18 & 19 Rehab (1-7408)  
For Construction of CON00010396 - NI-EA OMID Contract No. 2B  
2B: Adjustment to Contract Times for Substantial and Final Completion**

### Authorization for Changes In Contract

Department No.: 6010101

Fund No.: 84918

Project No.: 1-7408

Contractor Z Contractors, Inc.

50500 Design Lane, Shelby Township, MI  
48315

Account No.: SC731472

Program No.: 149015

Project Activity: 1-FAC-ACQ

Contract No.: CON00010396 - NI-EA  
OMID Contract No. 2B

Date of Contract: 6/29/2023

Completion Date: 10/29/2025

Description: Item 1-1: SOV Line Items 4C-1, 5c-1, 10-1, 27a-1, 27b-1, and 28-1 are work items deleted from the NIEA C-2A project and transferred to the NIEA C-2B Project to better coordinate the combined scope of Work and schedule for these tasks with Contract 2-B Work,

Item 1-2: Work Directive No. 09 was issued to direct the Contractor to provide supportive services (Traffic control, Confined Space Entry, ventilation, and related tasks) to the Engineer for the performance of a PACP investigation of the PCI-18 interceptor.

Item 1-3: The dates of Substantial Completion and Final Completion is adjusted to reflect the agreed upon schedule changes necessitated by the cooperative agreement between OMID DD and GLWA to allow OMID DD and GLWA projects to continue with adjusted work scheduling.

Ref. No.	Description Reason	Value Change	Time Change
1-1	Item 4c-1 from Contract 2A	\$25,000.00	
1-1	Item 5c-1 from Contract 2A	\$50,000.00	
1-1	Item 10-1 from Contract 2A	\$150,000.00	
1-1	Item 27a-1 from Contract 2A	\$105,300.00	
1-1	Item 27b-1 from Contract 2A	\$8,550.00	
1-1	Item 28-1 from Contract 2A	\$44,000.00	
1-2	Work Directive #09 - PCI-18 PACP Investigation	\$9,500.00	
1-3	Adjust Date of SC to 9-9-2025 and Date of FC to 10-29-2025 (Based on NTP of 3-3-2025)	\$0.00	157



**CHANGE ORDER NO. 0001**

**For Construction of CON00010396 - NI-EA OMID Contract No. 2B**

Notice to Proceed Date:	3/3/2025
Original Contract Substantial Completion Date:	4/25/2025
Original Final Completion Date:	5/25/2025
Original Contract Value:	\$3,108,150.00
Previous C.O. Values	\$0.00
Change Order No. 0001 \$ Value	\$392,350.00
Change Order No. 0001 Days	157
<b>Adjusted Contract Value</b>	<b>\$3,500,500.00</b>
<b>Adjusted Contract Substantial Completion Date</b>	<b>9/29/2025</b>
<b>Adjusted Contract Final Completion Date</b>	<b>10/29/2025</b>



**CHANGE ORDER NO. 0001**

**For Construction of CON00010396 - NI-EA OMID Contract No. 2B**

Prepared By:

*Lawrence T. Gilbert*

Date:

*2-7-25*

Lawrence T. Gilbert  
Senior Principal Engineer, NTH

Recommended By:

*Saju Sachidanandan*

Date:

*2-10-2025*

Saju Sachidanandan  
Sr. Vice President, NTH

Approved By:

*Jen Cook*

Date:

*2/10/2025*

Jen Cook  
Assistant Chief Engineer, WRC

Approved By:

*Stephen Downing*

Date:

*2/9/2025*

Steve Downing  
Construction and Maintenance Manager, MCPW

Approved By:

*Joel Brown*

Date:

*2/10/2025*

Joel Brown  
Chief Engineer, WRC

Approved By:

Steve Korth, P.E.  
Chief Manager, WRC

Date:

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

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

Accepted By:

*Blake Zapczynski*

Date:

*2-10-25*

Blake Zapczynski  
Z Contractors, Inc.

The Contractor 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. 0001 was approved by the Drainage Board on:

## **Agenda Item No. 7**

### Construction Estimates

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

**Regular Construction Estimate No. Fifty-Two** ✓  
**Page One of Two**

Period: January 01 through January 31, 2025 ✓

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

**Construction Manager at Risk:** Vendor # 23191 LI 43331; exp. 12/16/22

Walsh Construction Co. Date of Contract: Dec. 16, 2019

3031 West Grand Boulevard, Suite 640 (Adjusted Final Completion Date: July 28, 2023

Detroit, MI 48202 Contract No. 5977

Orig. GMP amount for Pump & Elec. Upgrades Project, and including CS-9	\$44,107,745.19
Pre-Construction Payment ( Separate Accounting)	(\$1,244,560.00)
NESPS Pump & Elec. Upgrades Original Contract Budget	\$42,863,185.19
Change Orders, This Estimate: # 48	\$102,698.02
Previous C.O.s: (Numbers 7 through No. 47 and CS-9 # 1 through # 4)	\$7,826,957.53
Note: C.O. # 30 includes the budget transfer of \$70,196.70 from Pre-Con to GMP budget)	\$70,196.70
Adjusted Contract Amount <b>including CS-9 values</b> (Including C.O. # 48)	\$50,863,037.45 ✓
Sub-Total To Date	\$ 47,011,662.72
Less Deductions: None	\$ -
Less Amount Reserved (max. 10% of 50% of total CV, <b>including CS-9 value</b> )	\$ 2,543,151.87
Additional Reserve: Schneider Electric Line Items # 103 to # 116	\$ 394,922.40
Total Amount Allowed To Date: (Work in Place = 92 % complete )	\$44,073,588.45
Less Previous Estimates: (Balance to Finish: \$ 3,851,374.73)	\$43,882,547.63 ✓

Payment Due

\$191,040.82

Accounting Auditor: HDG 2/13/25

Amount to be Reserved (Not Including Schneider Retainage Value) \$2,938,074.27

Less Previous Transfer to Reserve- Adjusted Value (Not Including Schneider Retainage Value) \$2,932,939.37 ✓

Amount of Current Transfer to Reserve \$5,134.90

Regular Construction Estimate No. 52: January 01 through January 31, 2025 - NESPS Pump & Electrical Upgrades

Page 2 of 2

Prepared by: Laurence T. Gilbert

Date: 2-04-2025

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

Recommended by: John Michalski

Date: 2/7/2025

John Michalski, P.E., ASI

Recommended by: Joel Brown

Date: 2/12/2025

Joel Brown, P.E. Oakland County WRC

Recommended by: Stephen Downing

Date: 2/9/2025

Stephen Downing; Macomb County OPWC

Regular Construction Estimate No. 52; Jan. 01 through Jan. 31, 2025

NESPS Pump & Electrical Upgrades Project

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



## CONSTRUCTION ESTIMATE

Jim Nash, Oakland County Water Resources Commissioner  
Oakland-Macomb Interceptor Drain Drainage District  
Odor and Corrosion Control Systems within the OMID  
Sterling Heights, Macomb County, Michigan

Construction Estimate No. 3 ✓

01/01/2025 to 01/31/2025 ✓

Department No.: 6010101  
Fund No.: FND84919  
Project No.: PRJ-17705  
PO No.: PO00070509  
Contractor: Commercial Contracting Corporation  
(Name & Address) 4260 N. Atlantic Blvd.  
Auburn Hills, MI 48326

Account No.: 730352  
Program No.: PRG149015  
Activity: 1-FAC\_ACQ  
Vendor No.: 0000021677  
Contract No.: CON0011068  
Date of Contract: 7/1/2024  
Completion Date: 7/1/2026

Original Contract Amount:		\$7,419,000.00
Previous Change Order Numbers (none):		\$0.00 ✓
Change Orders This Estimate Numbers (none):		\$0.00
Total Net Change Orders:		\$0.00
Adjusted Contract Amount:		\$7,419,000.00 ✓
Subtotal To Date: (Sheet 2 of 2 Column 7)		\$416,247.04
Less Deductions to Date: (Sheet 2 of 2 Column 7)		\$0.00
Gross Estimate: (Work in Place)	5.61%	\$416,247.04
Less Amount Reserved: (10% of Gross Estimate)		\$41,624.70
Total Amount Allowed To Date:		\$374,622.34
Less Previous Estimates:		\$243,179.28 ✓
Net Payment Request To Be Paid To Contractor:		\$131,443.06
Reserve Payment to Contractor		\$0.00
Balance to Finish	\$7,002,752.96 ✓	Accounting Auditor: HDG 2/7/25
Less Previous Transfers To Reserve:		\$27,019.92 ✓
Amount of Current Transfer:		\$14,604.78

Prepared and Recommended by: Jason A. Matteo  
Jason Matteo, P.E., Jacobs

Date: 2/6/2025

Approved by: Jennifer Cook P.E.  
Jen Cook, P.E., OCWRC

Date: 2/7/2025

Approved by: Stephen Downing  
Steve Downing, MCPWO

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

Approved by: Joel Brown  
Joel Brown, P.E., OCWRC

Date: 2/14/2025

Approved by OMIDDD Drain Board on: \_\_\_\_\_

JIM NASH

OAKLAND COUNTY WATER RESOURCES COMMISSIONER

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

**Project ID : TBD**

**Regular Construction Estimate No. Seventeen (Contr. 2-A Only) ✓**

Period: Dec. 01, 2024 through Jan. 31, 2025 ✓  
(2 Month Period)

Department No.: 6010101  
FND84918  
Project No.: PRJ-17408

Account No.: SC 731472  
Program No.: PRG 149015  
Activity: 1-FAC-ACQ

**Contractor:**

Z Contractors, Inc.  
50500 Design Lane  
Shelby Township, MI 48315

Vendor # TBD Contract # 10396  
License # 07130 exp. 4-30-25  
Final Completion Date: March 03, 2025 ( 2A) NTP 6/29/2023  
Adjusted- C.O.#0003

Original Construction Contract Amount	(Contract 2-A, Only )	\$	9,488,650.00
Previous Change Orders: No. One and Two		\$	48,905.07 ✓
Change Orders This Estimate: No. Three		\$	(382,850.00)
Total Net Change Orders:		\$	(333,944.93)
Adjusted Contract Amount: (Contract 2A Only)		\$	9,154,705.07 ✓
Sub-Total To Date		\$	8,074,474.74
Less Deductions: None		\$	-
Gross Estimate, Work in Place	88.20% Complete	\$	8,074,474.74
Less Amount Reserved : Lump Sum Reduction 10% of 50% CV -\$200,000.00)		\$	257,735.25
Total Amount Allowed To Date:		\$	7,816,739.49
Less Previous Estimates		\$	7,620,413.83 ✓
Net Payment Request To Be Paid To Contractor:(Sum of Work Complete Retainage Reduction)		\$	196,325.66
Reserve Payment to Contractor:		\$	19,142.50
Balance to Finish: ✓	\$ 1,080,230.33	Accounting Auditor: HDG	2/11/25
Amount to be Reserved from Above		\$	257,735.25
Less Previous Transfers To Reserve:		\$	276,877.75 ✓
Amount of Current Transfer to Contractor		\$	19,142.50

*Lawrence Gilbert / JRK*

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

Date: 2/11/2025

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

Date: 2/11/2025

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

Date: 2/13/2025

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

Date: 2/11/2025

Regular Pay Estimate No. 17; Dec. 01, 2024 through Jan. 31, 2025

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

## **Agenda Item No. 8**

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

# Oakland Macomb Interceptor Drain Drainage District (OMIDDD)

## Progress Update for Various Rehab Projects

Prepared by:

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

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

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

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

## February 19, 2025 OMIDDD Board Meeting

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The following provides a status update as of the writing of this report (February 11, 2025) for the work completed for the Oakland-Macomb Interceptor Drain Repair Program (SRF Segments 1-4; Contract 7 PCI-4 repairs; Maintenance Repairs in PCI-5 through PCI-11A; Control Structure Modifications; NIEA Repairs; NESPS Upgrades; Odor/ Corrosion Control System, and other related work):

### SRF Segment 1 Status:

**Contracts 1&2: Complete**

**System-wide Odor/Corrosion Study: Complete**

**Odor/Corrosion Control Systems: Construction NTP Sept. 10, 2024**

#### Amount Invoiced:

- |  |                |
|--|----------------|
| • CCC Construction Contract Value:                               | \$7,419,000.00 |
| • Total CCC Spent (Pay Est. No. 3, through January 31, 2025)     | \$46,247.04    |
| • Jacobs Team Project Budget (with EWO#5):                       | \$2,350,161.86 |
| • Total Jacobs Spent (Invoice No. 21, through January 24, 2025): | \$1,114,810.26 |

#### Schedule Status:

- Construction Notice to Proceed was September 10, 2024.
- Construction is currently on time according to CCC's latest project schedule.
- Final Completion for the overall project is April 25, 2026.

#### Status of Major Project Tasks:

- CCC prepared and submitted a revised project baseline schedule and a revised schedule of values. Jacobs reviewed and took no exceptions.
- Key submittals for long-lead equipment items are being prepared by CCC for Jacobs to review.
- CCC's monthly Pay Application Nos. 1, 2, and 3 were received, reviewed, and approved by Jacobs.
- A total of eight (8) construction progress meetings have been held.
- CCC and OMIDDD representatives selected and implemented Procore for the project document management platform.
- CCC plans to begin site construction at the ST-S-3 site (Dodge Park Road and Sorrento Blvd) in mid- to late- February 2025.
- MCPWO, on behalf of OMIDDD, mailed property owner notification letters in the area surrounding the ST-S-3 site at Dodge Park Road and Sorrento Boulevard.
- Sterling Heights recently bid a local sewer lining project in Dodge Park Road near the ST-S-3 site. OMIDDD and Jacobs are coordinating with the City to assess potential conflicts with this project.

- As part of their contract, Jacobs is conducting an odor study at Control Structure No. 9 (10 Mile Road and the ITC Corridor in City of Warren) due to recently received odor complaints. This additional effort is ongoing and is covered under two contract amendments (EWO #4 and EWO #5), which is anticipated to be completed in Spring 2025.
- Permitting activities include the Sterling Heights' Engineering Department site plan review, which was completed, pending permits to be pulled by CCC. Sterling Heights' Building Department site plan review was also completed. Jacobs processed payment of the Engineering Review fee, with reimbursement by OMIDDD. CCC is coordinating with the City regarding remaining permits/approvals and with utility providers for utility relocates (e.g., DTE).

## **SRF Segment 2 (Contract 3) Status: Complete**

## **SRF Segment 3 (Contract 4) Status: Complete**

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

## **NESPS & OMID Maintenance, Operations & Upgrades Status:**

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

- Mersino is under contract for standby emergency bypass pumping. No activity this month.
- The OMIDDD Project Team has finalized design (pending final property agreements) for keeping the 15 Mile Road bypass pumping arrangement (initially constructed in summer 2021) intact and buried below grade. Final design package to be used to solicit bids from several OCWRC and MCPWS Blanket Contract Holders. Solicitation of bids is on hold pending negotiations and final agreement with ITC and other property owners. Now pursuing a licensing agreement with ITC.
- Remaining items in the final emergency plan include punch-list and modifications at the 15 Mile Road Site, and overall optimization of the Emergency Plan per above. The final plan document will be revised after final installation of the emergency pumping conveyance conduit.

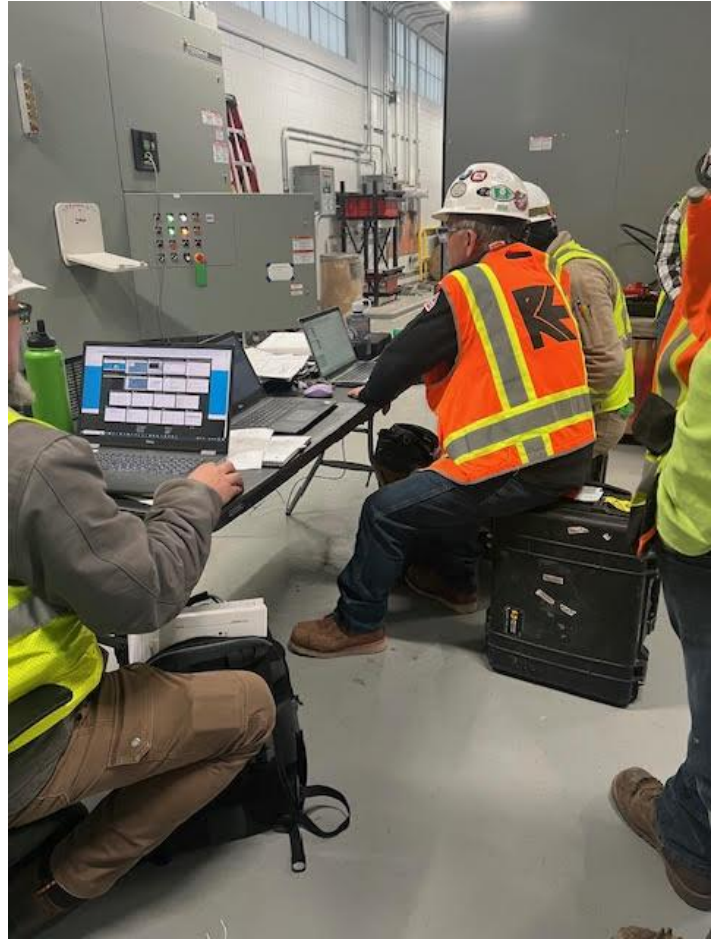
### **Additional work being performed under Metco Maintenance Contract for NESPS:**

- Mechanical and Electrical corrective/preventative maintenance schedules continue.
- Coordination between OMIDDD, GLWA, MIDD, and Pump/Electrical Upgrade Project is ongoing and has not impacted station operations or the ability to meet demand.
- Installation of the new wet well elevator continues, completion scheduled for February 2025.
- Sanitary Pump #4 variable frequency drive has been installed. Toshiba technicians completed setup operations without any issues. Extensive runtime, multiple starts/stops, set point controls, et cetera were all observed and adjusted. So far, no unusual conditions to report.
- The north and south bar screens were last inspected in November 2024, with minimal debris observed. During a wet well drawdown on January 16, 2025, an increase in debris was observed, particularly on the south side. Doetsch was called upon to remove and take away debris. A return visit to service the north side is scheduled for March 6, 2025.

- New Sanitary Pump #6 has been placed in rotation with existing pumps and is performing adequately.

#### **Overall NESPS Station Performance Report by METCO:**

- Mechanical: Sanitary Pumps #1 #2, #3, #4, #5, #6, and dewatering pump are ready for duty. Pumps #1, #3, and #5 have not performed to the design capacity but are provisionally approved by the manufacturer for use while evaluations and consideration of options for mitigation continue. Sanitary #6 has been installed with inlet suction vanes and is pumping an average of 80cfs (below design but better than other new pumps and close to design curve). Evaluations continue. Current Total Pumping Capacity equals 560cfs. Contract Capacity is 423cfs with a Firm Capacity of 400cfs. Sanitary Pump #2 is scheduled to be removed from service to allow for a “re-feed” of electrical service to new electrical gear will take about 10 weeks (scheduled for completion the week of April 7, 2025).
- NESPS/GLWA LOTO (Lock-Out Tag-Out) continues as a primary means of safety communication.
- Dry well submersible sump Pumps #1 and #2 have been demolished. New pumps are installed. performance observations have been satisfactory with no reported issues.
- CMMS: NEXGEN asset management in use. Monthly status meetings are being held with OMIDDD. Contractors are fulfilling their NEXGEN requirements with no outstanding issues.
- HVAC: New oxygen sensors are performing as designed. Rounds are conducted daily. Unit air filters are re-stocked and changed as required. Station ventilation and gas detection continue to be closely monitored.
- Bio Filter performance has been acceptable. No odor or complaints have been reported.
- Overall General Housekeeping tasks remain in order. Minor maintenance activities continue to be addressed in a timely manner.



**Start-up of Pump #4 VFD**

#### **Control Structures Performance Report (CS-5, CS-6, CS-7, CS-8, CS-9):**

- Daily flow control operations continue to support MID/OMID/NIEA repair and improvement projects. (Weather permitting).
- No odors noticed by OMIDDD personnel during normal field operations. Routine manhole cover inspections within the ITC Corridor are being conducted (weather dependent) and condition assessment photos have been filed.
- All LOTO protocols remain in place.
- System-wide communications are good.

- CS-5, CS-6, CS-7 and CS-8 gates are in stand-by mode and ready for service.
- CS-9 has a hydraulic leak impacting the functionality of one out of two gates. Gate #2 has been isolated until repairs are completed but can be used in an emergency. A plan to access the leak and repair has been approved.
- Routine daily rounds and inspections made.

#### **Other System Operation Issues**

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

#### **OMID Control Structure Upgrades Status (on hold):**

- ASI is complete with design of major upgrades to control structures which takes into consideration long-term operability.
- Currently considering options for contract delivery (i.e., one or multiple contracts, etc.)
- Currently evaluating potential impacts on other projects and best timing for construction, although start of the work is on hold and tentatively planned for some time in 2025.

#### **OMID System 6-Year Inspection Status:**

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

## **NIEA Rehabilitation**

### **Contract 1 (PCI-4 Rehabilitation): Complete**

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

**Amt Invoiced:** \$7,897,291.58 out of \$9,154,705.07 (construction, Contract 2A only) has been completed, representing 86.3% complete.

**Schedule Status:** Contract 2A: Substantial Completion is currently extended via Change Order to January 31, 2025 based on requests from GLWA for programming and video screen enhancements as well as GLWA flow control coordination.

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

- Physical construction of Seven Mile shaft and PC 663 main bulkhead gate and hardware are complete, and roadway fully open to normal traffic. Control/SCADA work has continued in the last month to coordinate GLWA systems requests with the new gate controls.
- Coordination efforts between Contract 2B (projected to begin March 2025) and downstream DRI work by GLWA continue. Coordination meetings occur monthly, with future meetings scheduled as necessary.
- Active field work did not occur during this reporting period, pending control updates.

The **draft** line item schedule and budgets for OMID NIEA Contracts 1 and 2 are summarized:



Work Item/ Milestone	Estimated Budget Expenditure (Engineering)	Estimated Budget Expenditure (Contractor)	Estimated Delivery Date
Contract Award and NTP			12/16/2020 and 1/04/2021 (Contract 1) 6/20/23 and 7/1/23 (Contract 2)
Subtotal - Design	\$2,400,570		
Completion of Construction	\$3,500,000	\$28,630,000	Contract 1, SC at 1/24; FC 4/24 Contract 2A& B, est. SC at 9/24 and FC 8/25.

## NESPS Pump and Electrical Upgrades Project

**Budget Status:** The total construction amount invoiced as of January 31, 2025 is \$ 47,011,662.72 out of \$ 50,863,037.45 budget (including the operational Control Structure 9 Bulkhead Gate facility and adjusted for stored material inclusion in major work activities), representing 92 % of the Pump & Electrical Upgrades Project, with additional change order additions equalizing the regular work completion values.

**Schedule Status:** Work is currently influenced by performance evaluations of Pump #1, #3, #5 and #6. The estimated delay is 24 months, which will not be recovered. Substantial completion currently projected for April 10, 2025.

The following Design Team and Construction Services Effort is active:

- Construction Phase services (RFIs, Submittals) are ongoing, and the engineering team is reviewing and responding.
- The new Sewage Pumps #1, #3, #5, and #6 have been installed with all 4 pumps approved for provisional use but currently operating below design capacity. “Flow-fin” vanes have been installed in Pump #6 influent piping/spool to address the previously identified “pre-swirl” effects. This process may be repeated at the other pumps on the basis of Pump #6 results, which appear to indicate the retrofit has not fully addressed the problem although preliminary results appear positive (i.e., some improvement and indications pump is functioning near the design curve). Further analysis is ongoing.
- Sanitary Pump #6 is in service for the initial evaluation period. While discharge rates are somewhat below design expectations, the overall performance has been generally positive.
- The installation of the wet well new elevator, rail, and accessory equipment continues on-schedule. Currently completing electrical work, with the elevator projected for final completion by mid-March 2025.
- The replacement VFD for Sanitary Pump # 4 has been installed. Initial performance testing complete, pump now in service with no issues.
- A review of alternative energy saving methods and pump sequence remains ongoing, incorporating GLWA SCC comments.
- Installation of small diameter conduit runs, lighting improvements, fire alarm systems, and wiring in the existing NESPS building is approaching substantial completion.
- The August 23, 2022 Arc-Flash incident remains under investigation. The Construction Manager filed an OCIP claim with first payment received by OMID.
- Work on the alternate discharge piping installation for the Dewatering Pump is complete. Personnel safety screens have been installed. Modifications to the shaft screens on the larger Sewage Pumps have also been completed to allow for greater maintenance flexibility.
- Installation of the new 25-ton overhead crane for the Motor Room is complete and the new crane is available for regular service.



- The new duplex sump pumps are installed and are operable in the dry well pipe gallery sump area, and floats and level controls are also functioning.

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

Work Item/ Milestone		Design/CCA Budget	Const Budget	Estimated Delivery Date
2	Final Basis of Design			5/31/2019
9	Final Package Development			8/14/2020
	Subtotal	\$3,826,000		
10	Substantial Completion	\$2,500,000 (est.)	\$49,380,000	4/10/2025 (late)
11	Final Completion		\$49,380,000	June 2025 (late)



**NESPS Refurbishment Project Location**



**Installation of Pump #4 VFD in electrical building**



**Connecting high voltage cable at Pump #4 excitor**



**Fine-tuning PLC log for Pump #4 VFD**





Inspecting Pump #4 wiring on first floor



Installation of wet well elevator electrical conduits



Completing installation of overhead crane



Delivery of 31.25 ton test load for overhead crane



Swap of rotating assemblies at Pumps #1 & #3 repair leaks



Prepping 6<sup>th</sup> floor before final protective coat



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

The Contractor has begun lining PCI-7 between CS-4 and CS-12. Since slip lining efforts have been reinitiated, the Contractor has installed approximately 80 feet (8 total pipe sections). In addition, cementitious spray lining above the flow line has been completed in manhole PCI-7-MH-111.



**Slip lining in PCI-7**



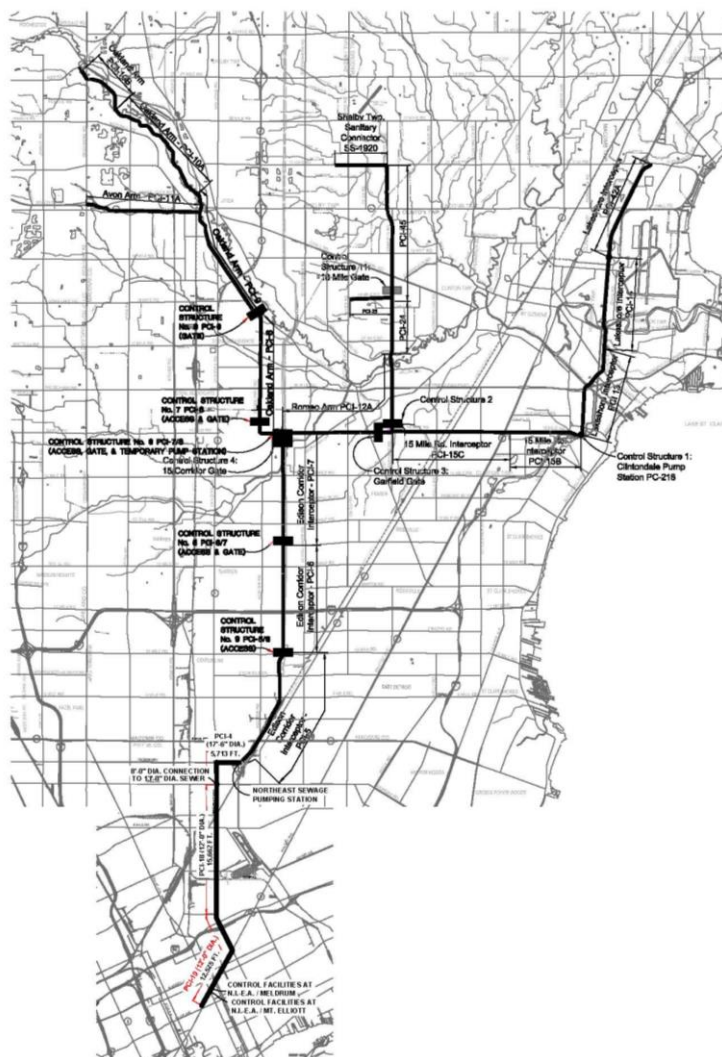
**Slip lining in PCI-7**



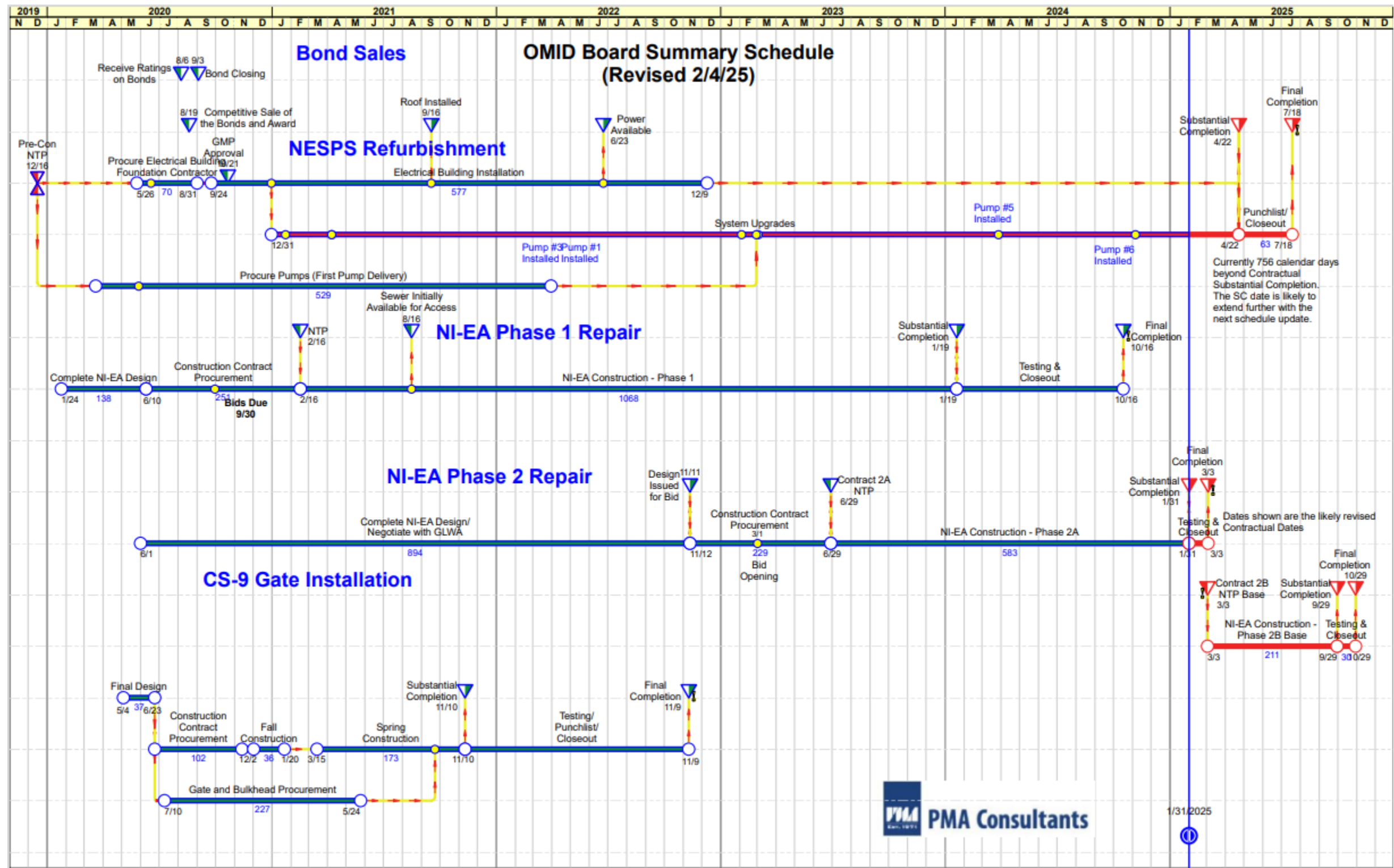
**Spray lining of PCI-7-MH-111**

## Summary of OMID Design and Construction Status:

Work In Construction Since 2009							
Seg. No	Contract No. (Description)	Contractor	Const. Comp?	As-Builts Final?	Balancing Change Order?	Contractor Closed Out?	Easements Settled?
1	Contract 1 (CS-9, 5, 3)	Ric-Man	Y	Y	Y	Y	Y
1	Contract 2 (CS-6, 7, 8)	Ric-Man	Y	Y	Y	Y	Y
2	Contract 3-2E (Gatehouse)	IWPC (Weiss)	Y	Y	Y	Y	N/A
2	Contract 3 (Grouting PCI-5 thru 8)	IWPC	Y	Y	Y	Y	Y
3	Contract 4 (Lining PCI-5 thru 8)	Jay Dee Cont.	Y	Y	Y	Y	Y
4	Contract 5 (Lining PCI-9, 10A/B)	Lanzo	Y	Y	Y	Y	N
4	Contract 6 (Lining PCI-11A)	Lanzo	Y	Y	Y	Y	Y
N/A	Contract 7 (Lining 110' of NIEA)	IWPC	Y	Y	Y	Y	N/A
N/A	Odor/Corrosion Control System	CSM	Y	Y	Y	Y	N/A
N/A	Control Structure Modifications	CSM/Hesco/MCE	Y/Y/Y	Y/Y/Y	Y/Y/Y	Y/Y/Y	N/A
N/A	OMID Maintenance Repairs	Doetsch	Y	Y	Y	Y	N/A
N/A	CS-9 Gate Modifications	Walsh as CMR	Y	Y	N	N	Y
N/A	NESPS Pump & Electrical Upgrade	ASI;Walsh as CMAR	N	N	N	N	Y
N/A	3-year inspection and repairs	Doetsch	Y	Y	Y	Y	N/A
N/A	6-year inspection	Doetsch	Y	Y	Y	Y	N/A
N/A	NIEA-OMIDDD Contract 1 (PCI-4)	Marra	Y	Y	Y	Y	Y
N/A	NIEA-OMIDDD Cont 2 (PCI-18/19)	Z Contractors	N	N	N	N	N
Work Currently in Design/Study/Engineering							
Description		Design Consultant		Status			
System-wide Odor/Corrosion Design		Jacobs		Design and bidding Complete, award to CCC pending			
NESPS & OMID Maintenance & Repairs		Metco		Engineering/Maintenance Ongoing			
Emergency Pumping Plan		ASI/NTH/FKE		Draft Plan to be modified following ITC bypass pumping modifications			
Control Structure Upgrades		ASI		Design Complete; On hold for bidding			



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



NetPoint® 5.3. Release 5.3.2.1. Build 10704. (Mar 4 2022 11:21:58) Schedule Unit: Days Criticality Factor: Total Float (Days: 0/5)

OMID Project Schedule Summary



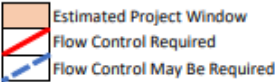
MID/OMID Construction Schedule

Project	Work Location	Owner	Lead Engineer	Contractor	2025												2026												MID/OMID Control Devices Required to Store Flow														Concurrent Work Notes
					J	F	M	A	M	J	J	A	S	O	N	D	J	J	F	M	A	M	J	J	A	S	O	N	D	J	CS-2	CS-3	CS-5	CS-6	CS-6 PS	CS-7	CS-8	CS-9	CS-12	CS-13	CPS	PC663 Gate	
Segment 6 Lining	15 Mile upstream of Garfield (15 Mile Interceptor)	MID	FKE	Ric-Man																										-	-	-	-	-	-	-	-	-	Y	Y	-	Flow control on pause but upcoming. May work concurrent with Segment 5 or NIEA rehabilitation. Schedule is estimated.	
	15 Mile upstream of Garfield & between CS-2/CS-3 (Romeo Arm)	MID	FKE	Ric-Man																										Y	Y	N	-	-	-	-	-	H	Y	Y	-	May work concurrent with Segment 5 or NIEA rehabilitation. Flow control conditions at the CS gates is similar with the exception of utilizing CS-2. Schedule is estimated.	
Segment 5 Lining	15 Mile between ITC Corridor & Eberlein	MID	FKE	ORC/Ric-Man																									-	Y	N	Y	-	Y	Y	-	Y	-	H	-	Work is ending under ORC in November. Remaining work is to be completed under another Contract at a start date yet to be determined.		
NIEA Rehabilitation (Downstream of NESPS)	PCI-18/19 Flow Control Structures (Contract 2A)	OMID	NTH	Z Contractors																									-	Y	N	Y	-	Y	Y	Y	-	-	H	-	Gate Testing. MID/OMID flow control may be required depending on 7-Mile Relief Inter-Connection and PC-663 Gate status. Coordination with GLWA and downstream system when flow is diverted to 7 Mile Relief.		
	PCI-18/19 Spot Repairs and Linings (Contract 2B)	OMID	NTH	Z Contractors																									-	N	N	N	N	N	N	N	N	N	N	-	Y	PC-663 Gate closure will divert flow to 7 Mile Relief Sewer. Coordination with GLWA and downstream system when flow is diverted to 7 Mile Relief. NESPS should operate normally to pass DWF rates. Requires NESPS Gates 3 and 4 to be Closed	
NESPS Improvements	NESPS Pump Replacement	OMID	ASI	Walsh																									-	Y	-	Y	-	Y	Y	Y	-	-	H	-	Will require brief flow control for pump installation, gate installation, and electrical work.		
DB-226 DRI Repairs (Reach 2A - 3B)	GLWA - DRI	GLWA	FKE	Jay Dee																									-	-	-	-	-	-	-	-	-	-	-	-	-	Can be effected by flows rerouted from the NIEA to the DRI. Project status changes in late 2024 following completion of Reach 3B after which flow control for NIEA C2B is not impacted..	
DB-226 DRI Repairs (Reach 3C)	GLWA - DRI	GLWA	FKE	Jay Dee																									-	-	-	-	-	-	-	-	-	-	-	-	-	Work is independent of OMIDDD for the most part. Coordination recommended with C2 work.	
Odor and Corrosion Control System	ST-S-3, ST-S-1 Sites	OMID	Jacobs	CCC																																						Periodic requests for storage /no storage may be necessary at CS-6, CS-7, CS-8	
Flow Control Structure Rehabilitation	CS-5, CS-6, CS-7, CS-8	OMID	ASI	TBD																									N	N	-	-	-	-	-	N	N	-	N	-	Work will take CS Structures out of Service during Gate and Operator modifications. Project currently on hold.		
MID Inspection	Routine Inspection of MID Manholes & Interceptors	MID	NTH	Doetsch																									-	-	-	-	-	-	-	-	-	-	-	-	-	TDB	
PSPS / COSDS Work (PSPS Shutdown)	PSPS	WRC	n/a	n/a																									-	-	-	-	-	-	-	-	-	-	-	-	-	Diversion to PSPS is 10 to 15 MGD. Scheduled shut down of PSPS for yearly maintenance; no flow diversion to Pontiac WWTP (CRWRRF) during this time. Will significantly impact storage capabilities on the Oakland Arm CS gates. 2024 Shutdown completed week of 9/23/24.	

Monthly FINAL  
Table updated for 2/1/2025. Estimates to be updated as necessary.

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

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



## **Agenda Item No. 9**

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



YTD Trial Balance Fund: 84917 Oakland Macomb InterceptorSeg5 As of Fiscal Period: Month 4, 2025		OMID SEGMENT 5 BOND ISSUE PRJ-13252	OMID NI-EA CONSTRUCTION PRJ-13308	NESPS MECH-ELEC CONSTRUCTION PRJ-13309	YTD Balance
100100	Cash - Operating	3,115,745.58	3,927,041.67	4,094,139.43	11,136,926.68
143100	PrepaidExpemses			163,976.78	163,976.78
	ASSETS	3,115,745.58	3,927,041.67	4,258,116.21	11,300,903.46
201210	Vouchers Payable AP Cont		0.00	(258,511.13)	(258,511.13)
222300	Unearned Revenues	0.00	0.00	(897,638.74)	(897,638.74)
	LIABILITIES	0.00	0.00	(1,156,149.87)	(1,156,149.87)
605000	Special Assessments Revenue		(831,327.96)	(1,613,754.28)	(2,445,082.24)
655000	Income From Investments	(116,733.34)			(116,733.34)
	REVENUES	(116,733.34)	(831,327.96)	(1,613,754.28)	(2,561,815.58)
730000	Contractual Services		0.00	2,101,366.19	2,101,366.19
770000	Internal Support Expenditures		10,664.65	32,410.00	43,074.65
	EXPENSES	0.00	10,664.65	2,133,776.19	2,144,440.84
381315	FB Restricted Debt	(47,288,433.00)			(47,288,433.00)
382100	FB Committed for Capital Proj	44,289,420.76	(3,106,378.36)	(3,621,988.25)	37,561,054.15
	Fund Balance	(2,999,012.24)	(3,106,378.36)	(3,621,988.25)	(9,727,378.85)
		(0.00)	0.00	(0.00)	(0.00)

Cash as of 1/31/2025 \$ 11,136,926.68

Invoices/Reimbursements for NIEA Construction on Current Agenda impacting Cash Balance 0.00

Invoices/Reimbursements for NESPS Mech / Electrical Construction on Current Agenda impacting Cash Balance (335,396.37)

Total Net Cash Balance \$ 10,801,530.31

**OCM Project Work In Progress**

**Company** Oakland County  
**Projects and Project Hierarchies** PRJ-13308 OMID NI-EA CONSTRUCTION  
**Budget Structure** Project Task  
**Budget Name**  
**Period** FY2025 - Jan

Project	Final Budget	Actuals	Commitments	Obligations YTD	Actuals YTD	Total Spend	Actuals LTD	Variance
Project Expenses	28,395,600.00	(8,236.83)	-	-	10,664.65	10,664.65	24,279,814.39	4,115,785.61
1 > Administration	584,000.00	-	-	-	390.78	390.78	176,140.18	407,859.82
1 > Engineering	478,000.00	1,763.17	-	-	10,273.87	10,273.87	288,227.01	189,772.99
1 > Engineering Consultants	4,913,000.00	(10,000.00)	-	-	-	-	5,877,676.59	(964,676.59)
1 > Facility Acquisition	17,983,600.00	-	-	-	-	-	17,400,876.92	582,723.08
1 > Legal and Financial	1,259,000.00	-	-	-	-	-	251,349.59	1,007,650.41
1 > Right of Way	265,000.00	-	-	-	-	-	86,378.76	178,621.24
1 > STANDARD	40,000.00	-	-	-	-	-	199,165.34	(159,165.34)
Project Revenues	-	-	-	-	831,327.96	(831,327.96)	28,206,856.06	
RC605572 - Special Assessments Revenue	-	-	-	-	831,327.96	(831,327.96)	6,235,012.99	
RC697551 - Issuance of Bonds	-	-	-	-	-	-	21,965,099.65	
RC698200 - Insurance Recoveries	-	-	-	-	-	-	6,743.42	
Revenue Over/ (Under) Expenses							<u>3,927,041.67</u>	

Company	Oakland County
Projects and Project Hierarchies	PRJ-13309 NESPS MECH-ELEC CONSTRUCTION
Budget Structure	Project Task
Budget Name	
Period	FY2025 - Jan

Project	Final Budget	Actuals MTD	Commitments	Obligations YTD	Actuals YTD	Total Spend	Actuals LTD	Variance
Project Expenses	54,086,000.00	(677,015.14)	-	(258,511.13)	2,133,776.19	1,875,265.06	50,474,943.63	3,611,056.37
1 > Administration	620,000.00	260.52	-	-	1,184.30	1,184.30	50,187.27	569,812.73
1 > Engineering	446,000.00	3,103.15	-	-	17,948.58	17,948.58	358,090.93	87,909.07
1 > Engineering Consultants	3,987,000.00	(140,000.00)	-	-	222,950.95	222,950.95	4,545,919.04	(558,919.04)
1 > Facility Acquisition	40,857,000.00	(523,710.04)	-	(258,511.13)	1,776,356.34	1,517,845.21	43,093,776.04	(2,236,776.04)
1 > Inspection	285,000.00	2,914.56	-	-	13,277.12	13,277.12	450,833.87	(165,833.87)
1 > Legal and Financial	2,417,000.00	(19,583.33)	-	-	152,058.90	152,058.90	728,042.59	1,688,957.41
1 > STANDARD	130,000.00	-	-	-	(50,000.00)	(50,000.00)	1,245,943.58	(1,115,943.58)
1 > Survey	34,000.00	-	-	-	-	-	2,150.31	31,849.69
Project Revenues	-	-	-	-	1,613,754.28	(1,613,754.28)	53,576,909.97	
RC605572 - Special Assessments Revenue	-	-	-	-	1,613,754.28	(1,613,754.28)	10,969,811.96	
RC697551 - Issuance of Bonds	-	-	-	-	-	-	41,837,622.01	
RC698200 - Insurance Recoveries	-	-	-	-	-	-	769,476.00	
<b>Revenue Over/ (Under) Expenses</b>							<b>3,101,966.34</b>	

**OCM Project Work In Progress**

**Company** Oakland County  
**Projects and Project Hierarchies** PRJ-13252 OMID Segment 5  
**Budget Structure** Project Task  
**Budget Name**  
**Period** FY2025 - Jan

Project	Actuals MTD	Commitme	Obligations	Actuals YTD	Total Spend	Actuals LTD	Variance
Project Expenses	-	-	-	-	-	757,136.57	(757,136.57)
1 > Administration	-	-	-	-	-	242,201.57	(242,201.57)
1 > Legal and Financial	-	-	-	-	-	514,935.00	(514,935.00)
Project Revenues	38,105.35	-	-	116,733.34	(116,733.34)	3,872,882.15	
RC655385 - Income from Investments	38,105.35	-	-	116,733.34	(116,733.34)	1,806,010.73	
RC655462 - Increase Market Value Investment	-	-	-	-	-	1,084.24	
RC697219 - Premiums on Bonds Sold	-	-	-	-	-	7,672,724.75	
RC697551 - Issuance of Bonds	-	-	-	-	-	(6,587,721.66)	
<b>Revenue Over/ (Under) Expenses</b>						<b>3,115,745.58</b>	

YTD Trial Balance Fund: 84918 NIEA Contract #2 As of Fiscal Period: Month 4, 2025		NIEA Contract #2 Bond Issue PRJ-17384	NIEA Contract #2 Construction PRJ-17408	YTD Balance
100100	Cash - Operating	367,161.76	8,193,018.26	8,560,180.02
	<b>ASSETS</b>	<b>367,161.76</b>	<b>8,193,018.26</b>	<b>8,560,180.02</b>
222300	Unearned Revenues		(4,009,859.03)	(4,009,859.03)
	<b>LIABILITIES</b>	<b>0.00</b>	<b>(4,009,859.03)</b>	<b>(4,009,859.03)</b>
605000	Special Assessments Revenue		(5,359,369.12)	(5,359,369.12)
655000	Income From Investments	(88,864.84)		(88,864.84)
	<b>REVENUES</b>	<b>(88,864.84)</b>	<b>(5,359,369.12)</b>	<b>(5,448,233.96)</b>
730000	Contractual Services		536,130.88	536,130.88
770000	Internal Support Expenditures		301.36	301.36
	<b>EXPENSES</b>	<b>0.00</b>	<b>536,432.24</b>	<b>536,432.24</b>
382100	FB Committed for Capital Proj	(278,296.92)	639,777.65	361,480.73
	<b>Fund Balance</b>	<b>(278,296.92)</b>	<b>639,777.65</b>	<b>361,480.73</b>
		<b>0.00</b>	<b>(0.00)</b>	<b>0.00</b>

Cash as of 1/31/2025 \$ 8,560,180.02

Invoices/Reimbursements for Bond PRJ-17384 on Current Agenda impacting Cash Balance (36,807.90)

Invoices/Reimbursements for Construction PRJ-17408 on Current Agenda impacting Cash Balance (237,234.02)

Total Net Cash Balance \$ 8,286,138.10

**OCM Project Work In Progress**

**Company** Oakland County  
**Projects and Project Hierarchies** PRJ-17408 NI-EA C2 PCI 18&19 Rehab  
**Budget Structure** Project Task  
**Budget Name**  
**Period** FY2025 - Jan

Project	Final Budget	Actuals	Commitments	Obligations YTD	Actuals YTD	Total Spend	Actuals LTD	Variance
Project Expenses	15,600,000.00	(4,313.76)	-	-	536,432.24	536,432.24	9,416,231.45	6,183,768.55
1 > Engineering	235,465.00	108.16	-	-	301.36	301.36	1,017.52	234,447.48
1 > Engineering Consultants	2,089,000.00	(4,421.92)	-	-	182,244.12	182,244.12	1,318,385.58	770,614.42
1 > Facility Acquisition	12,596,000.00	-	-	-	353,801.26	353,801.26	7,620,413.84	4,975,586.16
1 > STANDARD	15,796.00	-	-	-	85.50	85.50	476,414.51	(460,618.51)
Project Revenues	-	-	-	-	5,359,369.12	(5,359,369.12)	13,599,390.68	
PRJ-17408 NI-EA C2 PCI 18&19 Rehab	-	-	-	-	5,359,369.12	(5,359,369.12)	13,599,390.68	
RC605572 - Special Assessments Revenue	-	-	-	-	5,359,369.12	(5,359,369.12)	5,552,583.97	
Revenue Over/ (Under) Expenses							<u>4,183,159.23</u>	

Company	Oakland County
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Oakland County

PRJ-17384 OMIDDD NIEA Contract2 Bond Adm

## Project Task

FY2025 - Jan

Project	Actuals MTD	Commitments YTD	Obligations	Actuals YTD	Total Spend	Actuals LTD	Variance
Project Expenses	-	-	-	-	-	124,622.50	(124,622.50)
1 > Administration	-	-	-	-	-	124,622.50	(124,622.50)
Project Revenues	29,619.12	-	-	88,864.84	(88,864.84)	491,784.26	
RC655385 - Income from Investments	29,619.12	-	-	88,864.84	(88,864.84)	381,712.52	
<b>Revenue Over/ (Under) Expenses</b>						<b>367,161.76</b>	

YTD Trial Balance FND84919 OMIDDD Odor and Corrosion Control As of Fiscal Period: Month 4, 2025		OMIDDD NI-EA Odor Corrosion Funding PRJ-17668	OMID Odor/Corrosion System Construct PRJ-17705	YTD Balance
100100	Cash - Operating	11,310,325.90	(1,432,475.45)	9,877,850.45
	<b>ASSETS</b>	<b>11,310,325.90</b>	<b>(1,432,475.45)</b>	<b>9,877,850.45</b>
222300	Unearned Revenues	(7,906,507.04)		(7,906,507.04)
	<b>LIABILITIES</b>	<b>(7,906,507.04)</b>	<b>0.00</b>	<b>(7,906,507.04)</b>
697551	Issuance of Bonds	(3,290,339.64)	0.00	(3,290,339.64)
655000	Income From Investments	(77,135.11)		(77,135.11)
	<b>REVENUES</b>	<b>(3,367,474.75)</b>	<b>0.00</b>	<b>(3,367,474.75)</b>
730000	Contractual Services		1,354,298.19	1,354,298.19
770000	Internal Support Expenditures		78,177.26	78,177.26
	<b>EXPENSES</b>	<b>0.00</b>	<b>1,432,475.45</b>	<b>1,432,475.45</b>
382100	FB Committed for Capital Proj	(36,344.11)	0.00	(36,344.11)
	<b>Fund Balance</b>	<b>(36,344.11)</b>	<b>0.00</b>	<b>(36,344.11)</b>
		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

Cash as of 1/31/2025 \$ 9,877,850.45

Invoices/Reimbursements for Construction PRJ-17705 on Current Agenda impacting Cash Balance (146,047.84)

Total Net Cash Balance \$ 9,731,802.61



**OCM Project Work In Progress**

**Company** Oakland County  
**Projects and Project Hierarchies** PRJ-17668 OMIDDD NI-EA Odor Corrosion Funding  
**Budget Structure** Project Task  
**Budget Name**  
**Period** FY2025 - Jan

Project	Actuals MTD	Commitments YTD	Obligations YTD	Actuals YTD	Total Spend YTD	Actuals LTD	Variance
Project Expenses	-	-	-	-	-	-	-
Project Revenues	3,250,111.99	-	-	3,367,474.75	(3,367,474.75)	3,403,818.86	
RC605572 - Special Assessments Revenue	-	-	-	-	-	-	
RC655385 - Income from Investments	26,572.35	-	-	77,135.11	(77,135.11)	113,479.22	
RC697551 - Issuance of Bonds	3,223,539.64	-	-	3,290,339.64	(3,290,339.64)	3,290,339.64	
Revenue Over/ (Under) Expenses						3,403,818.86	

**OCM Project Work In Progress**

**Company** Oakland County  
**Projects and Project Hierarchies** PRJ-17705 OMID Odor/Corrosion System Construct  
**Budget Structure** Project Task  
**Budget Name**  
**Period** FY2025 - Jan

Project	Final Budget	Actuals	Commitments	Obligations YTD	Actuals YTD	Total Spend	Actuals LTD	Variance
Project Expenses	11,400,000.00	77,653.40	-	7,175,820.72	1,432,475.45	8,608,296.17	1,432,974.41	9,967,025.59
1 > Administration	-	-	-	-	4,242.47	4,242.47	4,242.47	(4,242.47)
1 > Engineering	193,000.00	2,453.85	-	-	54,315.57	54,315.57	54,814.53	138,185.47
1 > Engineering Consultants	2,350,000.00	47,853.24	-	-	1,069,735.15	1,069,735.15	1,069,735.15	1,280,264.85
1 > Facility Acquisition	7,419,000.00	27,019.92	-	7,175,820.72	270,199.20	7,446,019.92	270,199.20	7,148,800.80
1 > Inspection	295,000.00	326.39	-	-	547.72	547.72	547.72	294,452.28
1 > Right of Way	77,000.00	-	-	-	30,706.09	30,706.09	30,706.09	46,293.91
1 > STANDARD	4,000.00	-	-	-	2,729.25	2,729.25	2,729.25	1,270.75
Project Revenues	-	-	-	-	-	-	498.96	
RC605572 - Special Assessments Revenue	-	-	-	-	-	-	498.96	
Revenue Over/ (Under) Expenses							<u>(1,432,475.45)</u>	

Oakland County - Water Resources Commissioner's Office  
Fund Equity: Schedule of Reserves and Dedicated Funds  
As of Date: January 31, 2025

Fund	Description	Major Maintenance	Emergency Maintenance Reserve	Capital Improvement	Undesignated	Committed for Capital Projects	Total Equity
82912	OMIDD Maintenance Fund	5,299,514.60	2,515,991.49	8,586,797.48	4,400,097.06		20,802,400.63
84917	OMIDD Seg 5						
	- Project 1-3252 Interceptor Seg 5					3,115,745.58	
	- Project 1-3308 NI - EA Construction					3,927,041.67	
	- Project 1-3309 NESPS Construction					<u>3,101,966.34</u>	<u>10,144,753.59</u>
84918	OMIDDD North Interceptor East Arm – Contract #2						
	- Project: PRJ-17384 OMIDDD NIEA Contract2 Bond Adm					367,161.76	
	- Project: PRJ-17408 OMIDDD NIEA Contract2 Construction					<u>4,183,159.23</u>	<u>4,550,320.99</u>
84919	OMID Odor and Corrosion Control						
	- Project: PRJ-17688 OMIDDD NIEA Odor Corrosion Bond Adm					3,403,818.86	
	- Project: PRJ-17705 OMID Odor/Corrosion System Construction					<u>(1,432,475.45)</u>	<u>1,971,343.41</u>
Total Equity in Maintenance and Construction Funds							<u><u>37,468,818.62</u></u>

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

**County of Oakland  
OMIDD Maintenance Fund  
Statement of Net Position  
December 31, 2024**

**ASSETS**

Current assets:

Cash	\$ 28,599,423.63
Due from municipalities	4,623,282.59
Prepaid Expenses	174,053.94

Total assets	<u>\$ 33,396,760.16</u>
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**LIABILITIES**

Current liabilities:

Vouchers payable	\$ 6,364,018.51
Accounts Payable	7,612,722.22
Deposits	4,250.00

Total liabilities	<u>\$ 13,980,990.73</u>
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**NET POSITION**

FB Major Maint Reserve	4,988,681.27
FB Emergency Maint Reserve	2,515,991.49
FB Capital Improvement Reserve	7,930,610.91
FB Restricted Programs	3,980,485.76
Total net position	<u><u>\$ 19,415,769.43</u></u>

**County of Oakland**  
**Oakland Macomb InterceptorCh21 Fund**  
**Statement of Revenues, Expenses, and Changes in Net Position**  
**For the Three Months Ended December 31, 2024**  
**25% of The Year Complete**

	<b>Amended Budget</b>	<b>Actual</b>	<b>(Unfavorable) Variance</b>	<b>TYD % of Budget</b>
Operating revenues				
Sewage Disposal Services	\$ 81,111,100.00	\$ 20,277,774.99	\$ (60,833,325.01)	25.00%
Inspection Fees	260.00	0.00	(260.00)	0.00%
Total operating revenue:	<u>\$ 81,111,360.00</u>	<u>\$ 20,277,774.99</u>	<u>\$ (60,833,585.01)</u>	<u>25.00%</u>
Operating expenses				
Contractual services				
Contracted Services	\$ 3,420,320.00	\$ 398,297.01	\$ 3,022,022.99	11.65%
Electrical Service	1,177,160.00	224,524.71	952,635.29	19.07%
Engineering Services-Other	45,000.00	(947,134.74)	992,134.74	-2104.74%
Equipment Maintenance	610,910.00	179,136.03	431,773.97	29.32%
Equipment Repair	725,000.00	715,326.23	9,673.77	98.67%
Insurance	1,365,000.00	310,049.20	1,054,950.80	22.71%
Land and Easements	0.00	(10,179.69)	10,179.69	No Budget
Legal Services	45,450.00	176.00	45,274.00	0.39%
Licenses and Permits	0.00	(1,354.90)	1,354.90	No Budget
Membership Dues	240.00	0.00	240.00	0.00%
Natural Gas	40,000.00	3,595.20	36,404.80	8.99%
Professional Services	0.00	50,000.00	(50,000.00)	No Budget
Public Services	137,000.00	119,849.35	17,150.65	87.48%
Recording Fees Expense	0.00	(100.00)	100.00	No Budget
Right of Way	2,700.00	0.00	2,700.00	0.00%
Sewage Disposal Services	74,130,000.00	18,233,400.00	55,896,600.00	24.60%
Water and Sewage Charges	154,680.00	35,694.28	118,985.72	23.08%
Workshops and Meeting	1,460.00	0.00	1,460.00	0.00%
Total contractual services	<u>\$ 81,854,920.00</u>	<u>\$ 19,311,278.68</u>	<u>\$ 63,908,641.32</u>	<u>23.59%</u>
Commodities				
Material and Supplies	\$ 2,780.00	\$ -	\$ 2,780.00	0.00%
Total commodities	<u>\$ 2,780.00</u>	<u>\$ -</u>	<u>\$ 2,780.00</u>	<u>0.00%</u>
Internal services				
Drain Equip Labor	\$ 142,010.00	\$ (51,345.26)	\$ 193,355.26	-36.16%
Drain Equipment	7,990.00	(1,460.93)	9,450.93	-18.28%
Total internal services	<u>\$ 150,000.00</u>	<u>\$ (52,806.19)</u>	<u>\$ 202,806.19</u>	<u>-35.20%</u>
Total operating expense	<u>\$ 82,007,700.00</u>	<u>\$ 19,258,472.49</u>	<u>\$ 62,749,227.51</u>	<u>23.48%</u>
Operating income (loss)	<u>\$ (896,340.00)</u>	<u>\$ 1,019,302.50</u>	<u>\$ 1,915,642.50</u>	<u>-113.72%</u>
Nonoperating revenues (expenses)				
Income from investments	\$ 339,230.00	\$ 151,972.05	\$ (187,257.95)	44.80%
Total nonoperating revenues (expenses)	<u>\$ 339,230.00</u>	<u>\$ 151,972.05</u>	<u>\$ (187,257.95)</u>	<u>44.80%</u>
Income (loss) before transfer	<u>\$ (557,110.00)</u>	<u>\$ 1,171,274.55</u>	<u>\$ 1,728,384.55</u>	<u>44.80%</u>
Change in net position	<u>\$ (557,110.00)</u>	<u>\$ 1,171,274.55</u>	<u>\$ 1,728,384.55</u>	<u>-210.24%</u>
Net Position - beginning		18,244,494.88		
Net Position - ending		<u>\$ 19,415,769.43</u>		

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

OMIDD Meeting Date 2/19/2025

		84917	84917	84918	84918	84919	82912	
		1-3308	1-3309	1-7408	1-7384	1-7705		
Payable To	Invoice #	Segment 5 NIEA Construction	Segment 5 NESPS Mech / Electric Construction	NIEA Contract #2 Construction	NIEA Contract #2 Bond Admin	Odor/ Corrosion System Construct	Operations & Maintenance	Total
Oakland County *	WRC Labor/Fringes/Non-direct Labor (12/28/2024 - 1/24/2025)	3,488.90	6,064.11	105.42		70,382.69		80,041.12
Oakland County *	WRC Equipment (12/28/2024 - 1/24/2025)	84.22	214.12	2.74		1,990.92		2,292.00
Applied Science, Inc	Invoice # 70 (ASI Inv. #9035) Services 12/1/24 to 12/28/24		63,610.94					63,610.94
Clark Hill PLC	Invoice #1525100 Matter 463149 Walsh Construction Svs Through 12/31/2024		4,480.00					4,480.00
Gallager Risk Management	Invoice # 5390732 Construction Safety Consultant Services Installment 2 of 4		48,730.50					48,730.50
HESCO (Hamlett)	Invoice # 242597 Flow Control Structures CS-8 10/29/24						6,953.26	6,953.26
HESCO (Hamlett)	Invoice # 242559 Flow Control Structures CS-9 10/31/24						9,869.27	9,869.27
HESCO (Hamlett)	Invoice # 242668 Flow Control Structures CS-6 11/12/24						6,490.76	6,490.76
HESCO (Hamlett)	Invoice # 242669 Flow Control Structures CS-9 11/12/24						1,468.85	1,468.85
HESCO (Hamlett)	Invoice # 242670 Flow Control Structures CS-9 11/18/24						8,839.19	8,839.19
HESCO (Hamlett)	Invoice # 242671 Flow Control Structures CS-8 11/18/24						3,285.00	3,285.00
HESCO (Hamlett)	Invoice # 242716 NESPS Oil						578.61	578.61
HESCO (Hamlett)	Invoice # 242720 Flow Control Structures CS-5 12/10/24						7,420.76	7,420.76
Jacobs Consultants, Inc.	Invoice # C6A19900-20 OMIDD Odor & Corrosion Facilities 11/23/24 - 12/27/24						21,831.28	21,831.28
Jacobs Consultants, Inc.	Invoice # C6A19900-21 OMIDD Odor & Corrosion Facilities 12/28/24 -01/24/25						23,244.85	23,244.85
Lardner Elevator Company	Invoice # 203691 - Elevator Maintenance December 2024						204.00	204.00
Lardner Elevator Company	Invoice # 204005 - Elevator Maintenance January 2025						214.00	214.00
METCO Consulting Engineers	Invoice # 1811-73 12/30/2024 Through 2/25/2024						104,842.72	104,842.72
MFCl, LLC	Invoice # 1354 Financial Advisor & Stmt Prep Bond Series 2025 01/30/2025				20,807.90			20,807.90
Moody's Rating	Invoice # P0487247 Bond Series 2025 01/22/2025				16,000.00			16,000.00
Motor City Electric Technologies	Invoice # 96236 MCET Proposal 25-0392R1 1/31/25						16,557.00	16,557.00
Nexgen Asset Management	Invoice # 4633 AM Cloud and Contractor Portal Unlimited Users 1/1/25-12/31/25						29,750.00	29,750.00
NTH Consultants	Invoice # 638249 Maintenance Engineering Services 09/21/2024 - 01/24/2025						2,931.07	2,931.07
NTH Consultants	Invoice # 638250 (D-421, D-462 & D481) Engineering Services 11/23/2024 - 01/24/2025		4,617.47					4,617.47
NTH Consultants	Invoice # 638253 (D-458 & D-463) Engineering Services 12/21/2024 - 01/24/2025			40,908.36				40,908.36
PM Technologies	Invoice # 95259425 NESPS Gen #1 Maintenance 11/07/2024						3,790.00	3,790.00
PM Technologies	Invoice # 95265485 NESPS Gen #2 Maintenance 11/07/2024						3,790.00	3,790.00
PM Technologies	Invoice # 95265620 NESPS Gen #3 Maintenance 11/07/2024						3,790.00	3,790.00
PM Technologies	Invoice # 105695096 NESPS Monthly inspection Gen #3 01/22/2025						350.00	350.00
PM Technologies	Invoice # 105695071 NESPS Monthly inspection Gen #1 01/22/2025						350.00	350.00
PM Technologies	Invoice # 105700301 NESPS Monthly inspection Gen #2 01/22/2025						350.00	350.00
PM Technologies	Invoice # 105110401 NESPS Monthly inspection Gen #2 12/23/2024						350.00	350.00
PM Technologies	Invoice # 105110629 NESPS Monthly inspection Gen #3 12/23/2024						350.00	350.00
PM Technologies	Invoice # 104572676 NESPS Monthly inspection Gen #2 11/26/2024						350.00	350.00
PM Technologies	Invoice # 104574449 NESPS Monthly inspection Gen #3 11/26/2024						350.00	350.00
PMA Consultants	Invoice # 03559.01 - 55 Professional Services NESPS 12/01 - 12/31/24		17,781.74					17,781.74
Commercial Contracting Corp	Construction Estimate # 3 Odor and Corrosion Systems					146,047.84		146,047.84
Z Contractors	Construction Estimate # 16 NI-EA contract #2A and 2B - PCI 18 and 19			196,325.66				196,325.66
Walsh Construction	Construction Estimate # 52 PRJ-13309 NESPS Pump & Electircal Upgrades Project		196,175.72					196,175.72
	Total Invoices/Reimbursements for Approval	3,573.12	341,674.60	237,342.18	36,807.90	218,421.45	258,300.62	1,096,119.87
	* Less WRC Charges already paid from OMI Fund	(3,573.12)	(6,278.23)	(108.16)	0.00	(72,373.61)		(82,333.12)
	Total Invoices/Reimbursements that will impact Cash Balance listed on Current Trial Balance submitted to OMI Drain Board	0.00	335,396.37	237,234.02	36,807.90	146,047.84	258,300.62	1,013,786.75

## **Agenda Item No. 10**

### **Invoices**

OMI Segment 5 NESP Mech - Elect Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -								12/28/2024	-	1/24/2025
WIOD	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project		Activity
1287147	1/15/2025	1/3/2025	BROWN, JOEL	4.00	\$583.20	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	1/15/2025	1/6/2025	BROWN, JOEL	2.00	\$291.60	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	1/15/2025	1/7/2025	BROWN, JOEL	1.00	\$145.80	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	1/15/2025	1/8/2025	BROWN, JOEL	1.50	\$218.70	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	1/15/2025	1/9/2025	BROWN, JOEL	3.50	\$510.30	REGULAR	WRCCON	PRJ-13309		ENGINEERING
1287147	1/15/2025	1/10/2025	BROWN, JOEL	2.00	\$291.60	REGULAR	WRCCON	PRJ-13309		ENGINEERING
			<b>BROWN, JOEL Total</b>		\$2,041.20					
1094845	1/7/2025	1/7/2025	POUSHO, ROBERT	8.00	\$463.84	REGULAR	WRCCON	PRJ-13309		INSPECTION
1094845	1/7/2025	1/9/2025	POUSHO, ROBERT	8.00	\$463.84	REGULAR	WRCCON	PRJ-13309		INSPECTION
1094845	1/21/2025	1/14/2025	POUSHO, ROBERT	8.00	\$463.84	REGULAR	WRCCON	PRJ-13309		INSPECTION
1094845	1/21/2025	1/16/2025	POUSHO, ROBERT	8.00	\$463.84	REGULAR	WRCCON	PRJ-13309		INSPECTION
1094845	1/21/2025	1/21/2025	POUSHO, ROBERT	8.00	\$463.84	REGULAR	WRCCON	PRJ-13309		INSPECTION
1094845	1/21/2025	1/23/2025	POUSHO, ROBERT	8.00	\$463.84	REGULAR	WRCCON	PRJ-13309		INSPECTION
			<b>POUSHO, ROBERT Total</b>		\$2,783.04					
1131289	12/30/2024	12/16/2024	PUSCAS, JACK J	0.50	\$52.71	OVERTIME	WRCADM	PRJ-13309		ENGINEERING
1131289	12/30/2024	12/16/2024	PUSCAS, JACK J	2.00	\$187.72	REGULAR	WRCADM	PRJ-13309		ENGINEERING
1131289	12/30/2024	12/17/2024	PUSCAS, JACK J	1.00	\$93.86	REGULAR	WRCADM	PRJ-13309		ENGINEERING
1131289	12/30/2024	12/20/2024	PUSCAS, JACK J	2.00	\$187.72	REGULAR	WRCADM	PRJ-13309		ENGINEERING
1131289	12/30/2024	12/23/2024	PUSCAS, JACK J	2.00	\$187.72	REGULAR	WRCADM	PRJ-13309		ENGINEERING
1131289	1/15/2025	1/6/2025	PUSCAS, JACK J	1.00	\$93.86	REGULAR	WRCADM	PRJ-13309		ENGINEERING
1131289	1/15/2025	1/10/2025	PUSCAS, JACK J	2.00	\$187.72	REGULAR	WRCADM	PRJ-13309		ENGINEERING
			<b>PUSCAS, JACK J Total</b>		\$991.31					
1255122	1/24/2025	1/16/2025	ROBERTOY, KATY	4.00	\$248.56	REGULAR	WRCCON	PRJ-13309		ADMINISTRATION
			<b>ROBERTOY, KATY Total</b>		\$248.56					
			<b>Grand Total</b>		\$6,064.11					



OMI Segment 5 NESP Mech - Elect Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -								12/28/2024	-	1/24/2025
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project		Activity
1287147	1/15/2025	1/3/2025	BROWN, JOEL	4.00	\$1.60	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1287147	1/15/2025	1/3/2025	BROWN, JOEL	4.00	\$9.36	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1287147	1/15/2025	1/3/2025	BROWN, JOEL	4.00	\$1.00	ASSIGNED	Tablet/iPad	PRJ-13309		ENGINEERING
1287147	1/15/2025	1/6/2025	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1287147	1/15/2025	1/6/2025	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1287147	1/15/2025	1/6/2025	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13309		ENGINEERING
1287147	1/15/2025	1/7/2025	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1287147	1/15/2025	1/7/2025	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1287147	1/15/2025	1/7/2025	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13309		ENGINEERING
1287147	1/15/2025	1/8/2025	BROWN, JOEL	1.50	\$0.60	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1287147	1/15/2025	1/8/2025	BROWN, JOEL	1.50	\$3.51	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1287147	1/15/2025	1/8/2025	BROWN, JOEL	1.50	\$0.38	ASSIGNED	Tablet/iPad	PRJ-13309		ENGINEERING
1287147	1/15/2025	1/9/2025	BROWN, JOEL	3.50	\$1.40	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1287147	1/15/2025	1/9/2025	BROWN, JOEL	3.50	\$8.19	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1287147	1/15/2025	1/9/2025	BROWN, JOEL	3.50	\$0.88	ASSIGNED	Tablet/iPad	PRJ-13309		ENGINEERING
1287147	1/15/2025	1/10/2025	BROWN, JOEL	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1287147	1/15/2025	1/10/2025	BROWN, JOEL	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1287147	1/15/2025	1/10/2025	BROWN, JOEL	2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13309		ENGINEERING
			<b>BROWN, JOEL Total</b>		\$41.87					
1094845	1/7/2025	1/7/2025	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309		INSPECTION
1094845	1/7/2025	1/7/2025	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309		INSPECTION
1094845	1/7/2025	1/9/2025	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309		INSPECTION
1094845	1/7/2025	1/9/2025	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309		INSPECTION
1094845	1/21/2025	1/14/2025	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309		INSPECTION
1094845	1/21/2025	1/14/2025	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309		INSPECTION
1094845	1/21/2025	1/16/2025	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309		INSPECTION
1094845	1/21/2025	1/16/2025	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309		INSPECTION
1094845	1/21/2025	1/21/2025	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309		INSPECTION
1094845	1/21/2025	1/21/2025	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309		INSPECTION
1094845	1/21/2025	1/23/2025	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309		INSPECTION
1094845	1/21/2025	1/23/2025	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309		INSPECTION
			<b>POUSHO, ROBERT Total</b>		\$131.52					
1131289	12/30/2024	12/16/2024	PUSCAS, JACK J	0.50	\$0.20	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1131289	12/30/2024	12/16/2024	PUSCAS, JACK J	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1131289	12/30/2024	12/16/2024	PUSCAS, JACK J	0.50	\$1.17	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1131289	12/30/2024	12/16/2024	PUSCAS, JACK J	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1131289	12/30/2024	12/17/2024	PUSCAS, JACK J	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1131289	12/30/2024	12/17/2024	PUSCAS, JACK J	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1131289	12/30/2024	12/20/2024	PUSCAS, JACK J	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1131289	12/30/2024	12/20/2024	PUSCAS, JACK J	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1131289	12/30/2024	12/23/2024	PUSCAS, JACK J	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1131289	12/30/2024	12/23/2024	PUSCAS, JACK J	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1131289	1/15/2025	1/6/2025	PUSCAS, JACK J	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1131289	1/15/2025	1/6/2025	PUSCAS, JACK J	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
1131289	1/15/2025	1/10/2025	PUSCAS, JACK J	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13309		ENGINEERING
1131289	1/15/2025	1/10/2025	PUSCAS, JACK J	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13309		ENGINEERING
			<b>PUSCAS, JACK J Total</b>		\$28.77					
1255122	1/24/2025	1/16/2025	ROBERTOY, KATY	4.00	\$1.60	ASSIGNED	Cell Phone	PRJ-13309		ADMINISTRATION
1255122	1/24/2025	1/16/2025	ROBERTOY, KATY	4.00	\$9.36	ASSIGNED	PC/Computer	PRJ-13309		ADMINISTRATION
1255122	1/24/2025	1/16/2025	ROBERTOY, KATY	4.00	\$1.00	ASSIGNED	Tablet/iPad	PRJ-13309		ADMINISTRATION
			<b>ROBERTOY, KATY Total</b>		\$11.96					
			<b>Grand Total</b>		\$214.12					

OMI Segment 5 NI-EA Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -							12/28/2024	-	1/24/2025
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
1094815	1/15/2025	1/7/2025	BROWN, JOEL	1.00	\$145.80	REGULAR	WRCCON	PRJ-13308	ENGINEERING
			<b>BROWN, JOEL Total</b>		\$145.80				
1208707	1/15/2025	1/7/2025	COOK, JENNIFER	1.00	\$126.41	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1208707	1/15/2025	1/10/2025	COOK, JENNIFER	2.00	\$252.82	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1208707	1/3/2025	12/16/2024	COOK, JENNIFER	1.00	\$126.41	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1208707	1/3/2025	12/17/2024	COOK, JENNIFER	1.00	\$126.41	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1208707	1/3/2025	12/18/2024	COOK, JENNIFER	1.50	\$189.62	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1208707	1/3/2025	12/19/2024	COOK, JENNIFER	1.00	\$126.41	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1208707	1/3/2025	12/26/2024	COOK, JENNIFER	2.00	\$252.82	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1208707	1/3/2025	1/2/2025	COOK, JENNIFER	1.00	\$126.41	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1208707	1/3/2025	1/3/2025	COOK, JENNIFER	2.00	\$252.82	REGULAR	WRCADM	PRJ-13308	ENGINEERING
			<b>COOK, JENNIFER Total</b>		\$1,580.13				
			<b>Grand Total</b>		\$1,725.93				

OMI Segment 5 NI-EA Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -								12/28/2024	-	1/24/2025
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project		Activity
1094815	1/15/2025	1/7/2025	BROWN, JOEL	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308		ENGINEERING
1094815	1/15/2025	1/7/2025	BROWN, JOEL	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13308		ENGINEERING
1094815	1/15/2025	1/7/2025	BROWN, JOEL	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308		ENGINEERING
			<b>BROWN, JOEL Total</b>		\$2.99					
1208707	1/3/2025	12/16/2024	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308		ENGINEERING
1208707	1/3/2025	12/16/2024	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308		ENGINEERING
1208707	1/3/2025	12/17/2024	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308		ENGINEERING
1208707	1/3/2025	12/17/2024	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308		ENGINEERING
1208707	1/3/2025	12/18/2024	COOK, JENNIFER	1.50	\$0.60	ASSIGNED	Cell Phone	PRJ-13308		ENGINEERING
1208707	1/3/2025	12/18/2024	COOK, JENNIFER	1.50	\$3.51	ASSIGNED	PC/Computer	PRJ-13308		ENGINEERING
1208707	1/3/2025	12/19/2024	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308		ENGINEERING
1208707	1/3/2025	12/19/2024	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308		ENGINEERING
1208707	1/3/2025	12/26/2024	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308		ENGINEERING
1208707	1/3/2025	12/26/2024	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308		ENGINEERING
1208707	1/3/2025	1/2/2025	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308		ENGINEERING
1208707	1/3/2025	1/3/2025	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308		ENGINEERING
1208707	1/15/2025	1/7/2025	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308		ENGINEERING
1208707	1/15/2025	1/7/2025	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308		ENGINEERING
1208707	1/15/2025	1/10/2025	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308		ENGINEERING
1208707	1/15/2025	1/10/2025	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308		ENGINEERING
1208707	1/3/2025	1/2/2025	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308		ENGINEERING
1208707	1/3/2025	1/3/2025	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308		ENGINEERING
			<b>COOK, JENNIFER Total</b>		\$34.25					
			<b>Grand Total</b>		\$37.24					

OMI Segment 5 NESP Mech - Elect Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -								12/28/2024	-	1/24/2025
WIOD	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project		Activity
1262419	12/30/2024	12/17/2024	PUSCAS, JACK J	1.00	\$105.42	OVERTIME	WRCADM	PRJ-17408		ENGINEERING
			PUSCAS, JACK J Total		\$105.42					
			Grand Total		\$105.42					

OMI Segment 5 NESP Mech - Elect Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -								12/28/2024	-	1/24/2025
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project		Activity
1262419	12/30/2024	12/17/2024	PUSCAS, JACK J	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-17408		ENGINEERING
1262419	12/30/2024	12/17/2024	PUSCAS, JACK J	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-17408		ENGINEERING
			PUSCAS, JACK J Total		\$2.74					
			Grand Total		\$2.74					



OMI Segment 5 NESP Mech - Elect Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates -								12/28/2024	- 1/24/2025
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
1285827	1/9/2025	1/8/2025	CARLEY, JOSEPH	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	PRJ-17705	INSPECTION
1285827	1/9/2025	1/8/2025	CARLEY, JOSEPH	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-17705	INSPECTION
1285827	1/9/2025	1/8/2025	CARLEY, JOSEPH	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-17705	INSPECTION
			<b>CARLEY, JOSEPH Total</b>		\$8.43				
1286152	1/3/2025	12/16/2024	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-17705	ENGINEERING
1286152	1/3/2025	12/16/2024	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-17705	ENGINEERING
1286152	1/3/2025	12/18/2024	COOK, JENNIFER	3.00	\$1.20	ASSIGNED	Cell Phone	PRJ-17705	ENGINEERING
1286152	1/3/2025	12/18/2024	COOK, JENNIFER	3.00	\$7.02	ASSIGNED	PC/Computer	PRJ-17705	ENGINEERING
1286152	1/3/2025	12/19/2024	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-17705	ENGINEERING
1286152	1/3/2025	12/19/2024	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-17705	ENGINEERING
1286152	1/3/2025	12/20/2024	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-17705	ENGINEERING
1286152	1/3/2025	12/20/2024	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-17705	ENGINEERING
1286152	1/3/2025	12/26/2024	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-17705	ENGINEERING
1286152	1/3/2025	12/26/2024	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-17705	ENGINEERING
1286152	1/3/2025	1/2/2025	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-17705	ENGINEERING
1286152	1/3/2025	1/2/2025	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-17705	ENGINEERING
1286152	1/3/2025	1/3/2025	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-17705	ENGINEERING
1286152	1/3/2025	1/3/2025	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-17705	ENGINEERING
1286152	1/15/2025	1/6/2025	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-17705	ENGINEERING
1286152	1/15/2025	1/6/2025	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-17705	ENGINEERING
1286152	1/15/2025	1/7/2025	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-17705	ENGINEERING
1286152	1/15/2025	1/7/2025	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-17705	ENGINEERING
1286152	1/15/2025	1/8/2025	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-17705	ENGINEERING
1286152	1/15/2025	1/8/2025	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-17705	ENGINEERING
1286152	1/15/2025	1/9/2025	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-17705	ENGINEERING
1286152	1/15/2025	1/9/2025	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-17705	ENGINEERING
1286152	1/15/2025	1/10/2025	COOK, JENNIFER	3.00	\$1.20	ASSIGNED	Cell Phone	PRJ-17705	ENGINEERING
1286152	1/15/2025	1/10/2025	COOK, JENNIFER	3.00	\$7.02	ASSIGNED	PC/Computer	PRJ-17705	ENGINEERING
			<b>COOK, JENNIFER Total</b>		\$52.06				
1285827	1/8/2025	1/8/2025	KOTAJARVI, KYLE A	1.00	\$5.69	ASSIGNED	1/2 Ton Pick-up	PRJ-17705	INSPECTION
1285827	1/8/2025	1/8/2025	KOTAJARVI, KYLE A	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-17705	INSPECTION
1285827	1/8/2025	1/8/2025	KOTAJARVI, KYLE A	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-17705	INSPECTION
1285827	1/23/2025	1/23/2025	KOTAJARVI, KYLE A	2.00	\$11.38	ASSIGNED	1/2 Ton Pick-up	PRJ-17705	INSPECTION
1285827	1/23/2025	1/23/2025	KOTAJARVI, KYLE A	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-17705	INSPECTION
1285827	1/23/2025	1/23/2025	KOTAJARVI, KYLE A	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-17705	INSPECTION
			<b>KOTAJARVI, KYLE A Total</b>		\$25.29				
			<b>Grand Total</b>		\$85.78				
	Moving PRJ-17059 to PRJ-17705 per WRC Request				85.15			PRJ-17705	ADIMINISTATION
	Moving PRJ-17059 to PRJ-17705 per WRC Request				1,111.80			PRJ-17705	ENGINEERING
	Moving PRJ-17059 to PRJ-17705 per WRC Request				708.19			PRJ-17706	RIGHT OF WAY
			<b>SubTotal</b>		\$ 1,905.14				
			<b>Grand Total</b>		\$ 1,990.92				



# Applied Science, Inc.

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

1/16/2025

Project Invoice #70 (ASI Inv. #9035)

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

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

Invoice Period: 12/1/24-12/28/24

Task No.	Task Description	Total This Invoice
1	<b>Transition &amp; Basis of Design</b>	
	Total:	\$ -
	Subconsultants:	
	<b>FK Engineering:</b>	\$ -
	ASI Markup 5%:	\$ -
	<b>Total:</b>	<b>\$ -</b>

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

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

Task No.	Task Description	Total This Invoice
5	<b>Construction Services</b>	
	Total:	\$ 21,198.00
	Subconsultants:	
	<b>NTH Consultants</b>	\$ 30,137.53
	<b>Metco Services</b>	\$ 7,490.00
	<b>FK Engineering:</b>	\$ 2,765.75
	ASI Markup 5%:	\$ 2,019.66
	<b>Total Due This Invoice:</b>	<b>\$ 63,610.94</b>

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

## Summary

<b>Total Due This Invoice Tasks #1-6:</b>	<b>\$ 63,610.94</b>
Amount Invoiced to Date Tasks #1-6:	\$ 5,817,504.67
<b>Total Due This Invoice MCC Incident (separate invoice):</b>	<b>\$ -</b>
Amount Invoiced to date for MCC Incident (separate invoice):	\$ 68,336.23
<b>Total Due This Invoice Pump Issues (separate invoice):</b>	<b>\$ -</b>
Amount Invoiced to date for Pump Issues (separate invoice):	\$ 25,680.00
Total Invoiced To-Date:	\$ 5,911,520.90
Original Contract Task Total:	\$ 4,198,380.00
Additional Budget-Task 5:	\$ 284,076.60
Additional Budget-Task 5a:	\$ 1,513,301.00
Additional Budget-Task 6:	\$ 220,326.00
Current Contract Task Total:	\$ 6,216,083.60
Amount Remaining:	<b>\$ 304,562.70</b>

li#4133 v#352

84917-149015-730639-1-3309-engcon

2/12/2025





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

Invoice: 1525100  
Date: 01/13/2025  
Client: 30164  
Matter: 463149

Matter Name: Construction Dispute - Walsh Construction

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

A handwritten signature in black ink, appearing to read 'Joel Fu'.

2/12/2025

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**LEGAL SERVICES RENDERED AND COSTS ADVANCED THROUGH DECEMBER 31, 2024**

Total Fees:	\$	4,480.00
<b>Total Due This Invoice:</b>	<b>\$</b>	<b>4,480.00</b>

**MK 1/16/25**

Arthur J. Gallagher Risk Management Services, LLC  
Bloomfield Hills, MI 48302  
Phone: (800)875-8395

ANDPH1

Invoice #	5390732	1 of 1
ACCOUNT NUMBER	DATE	
OAKLINT-02	2/7/2025	
BALANCE DUE ON	AMOUNT DUE	
3/7/2025	\$48,730.50	

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

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



Insurance | Risk Management | Consulting

*John A. Gallagher*

2/12/2025

OCIP Construction Safety PolicyNumber: N/A Consulting Services Company: Arthur J. Gallagher & Co. Effective: 9/20/2024 to 9/20/2025

Item #	Trans Eff Date	Due Date	Trans	Description	Amount
36631906	9/20/2024	3/7/2025	AFEE	24-25 OMIDD Construction Safety Consultant Services Installment #2 of 4	\$48,730.50

OMIDD NESPS NIEA OCIP Construction Safety Consultant Services

Total Invoice Balance: \$48,730.50



Please return this portion with your payment. Include your invoice number on your remittance to expedite processing.

ANDPH1

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

Invoice #	5390732
ACCOUNTNUMBER	DATE
OAKLINT-02	2/7/2025
BALANCE DUE ON	AMOUNT DUE
3/7/2025	\$48,730.50
AMOUNT PAID	

Please send your remittance to:

Arthur J. Gallagher Risk Management Services, LLC  
PO Box 39735  
Chicago, IL 60694-9700

PAY ONLINE AT: [WWW.AJG.COM/EZPAY](http://WWW.AJG.COM/EZPAY)



Insurance | Risk Management | Consulting

WO# 1315



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

Invoice No. 242597

Date: 11/07/2024

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

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

2/12/2025

Client ID: 669

Contract ID: 5819

HESCO Project 2019807S OMID Flow Control Structures

Contact: Terry Moore

P.O.# WO# 1315. CS-8

Salesperson: John Sullens

Due Date: 12/07/2024

Description	Unit	Quantity	Price	Amount
WO# 1315, CS-8 Oct. 29, 2024				
Senior Tech	Hours	6.25	195.00	1,218.75
Tech I	Hours	6.25	185.00	1,156.25
Tech II	Hours	6.25	175.00	1,093.75
Ventilation Support	Day	1.00	2,887.50	2,887.50
Doetsch Crew				
Rando HD22 Hydraulic Oil	Gallon	20.00	25.52	510.40
Return and HP Filters	Total	1.00	86.61	86.61
Parker 921999				
Parker 932612Q				

## Notes:

Field Service Sheet Enclosed

TM-1-12-25

ACH PAYMENTS:  
HESCO GROUP LLC

Please note attachments  
for change in bank details  
and W-9.

ACH/EFT Remittance:  
AR@hesco-mi.com

Remittance Checks To:  
HESCO Group LLC  
29770 Hudson Drive  
Novi, MI 48377

Credit Card Payment:  
Please call Receivables  
1-586-978-7200 ext 101

A Service Charge of 4%  
will be applied to all credit  
card purchases.

Non-Taxable Amount:	6,953.26
Taxable Amount:	0.00
Sales Tax:	0.00
Total Invoice	6,953.26

Retention:	0.00
Payments/Credits	0.00
Amount Due	6,953.26 ✓



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

Invoice No. 242599

Date: 11/07/2024

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

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

2/12/2025

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

Contact: Terry Moore P.O.# WO# 1348. CS-9 Salesperson: John Sullens Due Date: 12/07/2024

Description	Unit	Quantity	Price	Amount
WO# 1348, CS-9 Oct. 31, 2024				
Senior Tech	Hours	7.00	195.00	1,365.00
Tech I	Hours	8.75	185.00	1,618.75
Tech II	Hours	7.00	175.00	1,225.00
Tech II	Hours	7.00	175.00	1,225.00
Ventilation Support	Day	1.00	2,887.50	2,887.50
Doetsch Crew				
Hydraulic Services Support	Day	1.00	1,548.02	1,548.02
Pirtek Service				

Notes:

Field Service Sheet Enclosed

TM-1-12-25

ACH PAYMENTS:  
HESCO GROUP LLC

Please note attachments  
for change in bank details  
and W-9.

ACH/EFT Remittance:  
AR@hesco-mi.com

Remittance Checks To:  
HESCO Group LLC  
29770 Hudson Drive  
Novi, MI 48377

Credit Card Payment:  
Please call Receivables  
1-586-978-7200 ext 101

A Service Charge of 4%  
will be applied to all credit  
card purchases.

Non-Taxable Amount:	9,869.27
Taxable Amount:	0.00
Sales Tax:	0.00
Total Invoice	9,869.27

Retention:	0.00
Payments/Credits:	0.00

Amount Due	9,869.27
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29770 Hudson Drive Novi, MI 48377  
Phone: (586) 978-7200  
hesco-mi.com

Invoice No. 242668

Date: 12/12/2024

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

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

2/12/2025

Client ID: 669

Contract ID: 5819

HESCO Project 2019807S OMID Flow Control Structures

Contact: Terry Moore P.O.# WO# 1313, CS-6 Salesperson: John Sullens Due Date: 01/11/2025

Description	Unit	Quantity	Price	Amount
WO# 1313, CS-6 Nov. 12, 2024				
Senior Tech	Hours	5.00	195.00	975.00
Tech I	Hours	6.25	185.00	1,156.25
Tech II	Hours	5.00	175.00	875.00
Ventilation Support	Day	1.00	2,887.50	2,887.50
Doetsch Crew				
Daily Rate \$2,750 + 5% additional for subcontractors work = \$2,887.50				
Rando HD22 Hydraulic Oil	Gallon	20.00	25.52	510.40
20 gallons x \$22.19 per gallon = \$443.80				
\$443.80 x 15% addtl = \$510.40				
Return and HP Filters	Total	1.00	86.61	86.61
Parker 921999 and Parker 932612Q				
\$14.87 + \$60.44 = \$75.31				
\$75.31 + 15% addtl = \$86.61				

Notes:

Field Service Sheet Enclosed

TM-1-20-25

ACH PAYMENTS:  
HESCO GROUP LLC

Please note attachments  
for change in bank details  
and W-9.

ACH/EFT Remittance:  
AR@hesco-mi.com

Remittance Checks To:  
HESCO Group LLC  
29770 Hudson Drive  
Novi, MI 48377

Credit Card Payment:  
Please call Receivables  
1-586-978-7200 ext 101

A Service Charge of 4%  
will be applied to all credit  
card purchases.

Non-Taxable Amount:	6,490.76
Taxable Amount:	0.00
Sales Tax:	0.00
Total Invoice	6,490.76

Retention:	0.00
Payments/Credits:	0.00
Amount Due	6,490.76



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

Invoice No. 242669

Date: 12/12/2024

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

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

2/12/2025

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

Contact: Terry Moore      P.O.# WO# 1361, CS-9      Salesperson: John Sullens      Due Date: 01/11/2025

Description	Unit	Quantity	Price	Amount
WO# 1361, CS-9 Nov. 12, 2024				
Senior Tech	Hours	2.25	195.00	438.75
Tech I	Hours	2.75	185.00	508.75
Tech II	Hours	2.25	175.00	393.75
Ventilation Support	Day			
Doetsch Crew				
Daily Rate \$2,750 + 5% additional for subcontractors work				
Daily Rate include with WO 1313, CS-6 on November 12th, 2024.				
Work performed on the same day for both work orders.				
Rando HD22 Hydraulic Oil	Gallon	5.00	25.52	127.60
5 gallons x \$22.19 per gallon = \$110.95				
\$110.95 x 15% addtl = \$127.60				

Notes:

Field Service Sheet Enclosed

TM-1-20-25

ACH PAYMENTS:  
HESCO GROUP LLC

Please note attachments  
for change in bank details  
and W-9.

ACH/EFT Remittance:  
AR@hesco-mi.com

Remittance Checks To:  
HESCO Group LLC  
29770 Hudson Drive  
Novi, MI 48377

Credit Card Payment:  
Please call Receivables  
1-586-978-7200 ext 101

A Service Charge of 4%  
will be applied to all credit  
card purchases.

Non-Taxable Amount:	1,468.85
Taxable Amount:	0.00
Sales Tax:	0.00
Total Invoice	1,468.85

Retention:	0.00
Payments/Credits:	0.00
Amount Due	1,468.85



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

Invoice No. 242670

Date: 12/12/2024

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

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



2/12/2025

Client ID: 669

Contract ID 5819

HESCO Project 2019807S OMID Flow Control Structures

Contact: Terry Moore

P.O.# WO# 1361, CS-9

Salesperson: John Sullens

Due Date: 01/11/2025

Description	Unit	Quantity	Price	Amount
WO# 1361, CS-9 Nov. 18, 2024				
Senior Tech	Hours	4.00	195.00	780.00
Tech I	Hours	4.00	185.00	740.00
Tech II	Hours	3.50	175.00	612.50
Tech II	Hours	3.50	175.00	612.50
Ventilation Support	Day	1.00	2,887.50	2,887.50
Doetsch Crew				
Daily Rate \$2,750 + 5% additional for subcontractors work				
Rando HD22 Hydraulic Oil	Gallon	5.00	25.52	127.60
5 gallons x \$22.19 per gallon = \$110.95				
\$110.95 x 15% addtl = \$127.60				
Pirtek Hydraulic Hose	Total	1.00	3,079.09	3,079.09
Pirtek Hydraulic Hoses (2)				
One hose to remedy leak				
Second hose to be replaced during spring maintenance visit				
\$2677.47 + 15% additional for materials = \$3079.09				

Notes:

Field Service Sheet Enclosed

TM-1-20-25

ACH PAYMENTS:  
HESCO GROUP LLC

Please note attachments  
for change in bank details  
and W-9.

ACH/EFT Remittance:  
AR@hesco-mi.com

Remittance Checks To:  
HESCO Group LLC  
29770 Hudson Drive  
Novi, MI 48377

Credit Card Payment:  
Please call Receivables  
1-586-978-7200 ext 101

A Service Charge of 4%  
will be applied to all credit  
card purchases.

Non-Taxable Amount:	8,839.19
Taxable Amount:	0.00
Sales Tax:	0.00
Total Invoice	8,839.19

Retention:	0.00
Payments/Credits:	0.00
Amount Due	8,839.19



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

Invoice No. 242671

Date: 12/12/2024

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

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

2/12/2025

Client ID: 669

Contract ID: 5819

HESCO Project 2019807S OMID Flow Control Structures

Contact: Terry Moore      P.O.# WO# 1366, CS-8      Salesperson: John Sullens      Due Date: 01/11/2025

Description	Unit	Quantity	Price	Amount
WO# 1366, CS-8 Nov. 18, 2024				
Senior Tech	Hours	4.50	195.00	877.50
Tech I	Hours	4.50	185.00	832.50
Tech II	Hours	4.50	175.00	787.50
Tech II	Hours	4.50	175.00	787.50
Ventilation Support	Day			
Doetsch Crew				
Daily Rate \$2,750 + 5% additional for subcontractors work				

Daily Rate include with WO 1361, CS-6 on November 18th, 2024.  
Work performed on the same day for both work orders.

Notes:

Field Service Sheet Enclosed

TM-120-25

ACH PAYMENTS:  
HESCO GROUP LLC

Please note attachments  
for change in bank details  
and W-9.

ACH/EFT Remittance:  
AR@hesco-mi.com

Remittance Checks To:  
HESCO Group LLC  
29770 Hudson Drive  
Novi, MI 48377

Credit Card Payment:  
Please call Receivables  
1-586-978-7200 ext 101

A Service Charge of 4%  
will be applied to all credit  
card purchases.

Page \*

Non-Taxable Amount:	3,285.00
Taxable Amount:	0.00
Sales Tax:	0.00
Total Invoice	3,285.00

Retention:	0.00
Payments/Credits:	0.00
Amount Due	3,285.00





Knowledgeable • Professional • Attentive • Likeable

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

WO 1377

Invoice No. 242716

Date: 01/15/2025

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

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

*John Sullens*

2/12/2025

Client ID: 669

Contract ID: 5819

HESCO Project 2019807S OMID Flow Control Structures

Contact: Terry Moore	P.O.# WO# 1377. NESPS	Salesperson: John Sullens	Due Date: 02/14/2025
----------------------	--------------------------	---------------------------	----------------------

Description	Unit	Quantity	Price	Amount
Rando HD22 Hydraulic Oil 25 gallons @ \$19.43 per gallon / \$97.15 per 5 gallon pail = \$485.75 x 15% addtl = \$558.61	Gallon	25.00	22.34	558.61
Delivery \$20 for delivery	Each	1.00	20.00	20.00

Notes:  
NESPS Oil

TM-1-27-25

ACH PAYMENTS:  
HESCO GROUP LLC

Please note attachments  
for change in bank details  
and W-9.

ACH/EFT Remittance:  
AR@hesco-mi.com

Remittance Checks To:  
HESCO Group LLC  
29770 Hudson Drive  
Novi, MI 48377

Credit Card Payment:  
Please call Receivables  
1-586-978-7200 ext 101

A Service Charge of 4%  
will be applied to all credit  
card purchases.

Non-Taxable Amount:	578.61
Taxable Amount:	0.00
Sales Tax:	0.00
Total Invoice	578.61

Retention:	0.00
Payments/Credits	0.00
Amount Due	578.61



WO 1312

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

Invoice No. 242720

Date: 01/20/2025

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

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

*John Sullens*  
Client ID: 669

2/12/2025

Contract ID: 5819

HESCO Project 2019807S OMID Flow Control Structures

Contact: Terry Moore

P.O.# WO# 1312, CS-5

Salesperson: John Sullens

Due Date: 02/19/2025

Description	Unit	Quantity	Price	Amount
WO# 1312, CS-5 Dec. 10, 2024				
Senior Tech	Hours	6.75	195.00	1,316.25
Tech I	Hours	8.25	185.00	1,526.25
Tech II	Hours	6.25	175.00	1,093.75
Ventilation Support	Day	1.00	2,887.50	2,887.50
Doetsch Crew				
Daily Rate \$2,750 + 5% additional for subcontractors work = \$2,887.50				
Rando HD22 Hydraulic Oil	Gallon	20.00	25.52	510.40
20 gallons x \$22.19 per gallon = \$443.80				
\$443.80 x 15% addtl = \$510.40				
Return and HP Filters	Total	1.00	86.61	86.61
Parker 921999 and Parker 932612Q				
\$14.87 + \$60.44 = \$75.31				
\$75.31 + 15% addtl = \$86.61				

## Notes:

Field Service Sheet Enclosed

TM - 1-27-25

ACH PAYMENTS:  
HESCO GROUP LLC

Please note attachments  
for change in bank details  
and W-9.

ACH/EFT Remittance:  
AR@hesco-mi.com

Remittance Checks To:  
HESCO Group LLC  
29770 Hudson Drive  
Novi, MI 48377

Credit Card Payment:  
Please call Receivables  
1-586-978-7200 ext 101

A Service Charge of 4%  
will be applied to all credit  
card purchases.

Non-Taxable Amount:	7,420.76
Taxable Amount:	0.00
Sales Tax:	0.00
Total Invoice	7,420.76

Retention:	0.00
Payments/Credits:	0.00
Amount Due	7,420.76

## INVOICE



Jacobs Consultants, Inc.

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

Invoice No.: C6A19900-20  
 Invoice Date: 1/9/2025  
 Jacobs Project No.: C6A19900  
 Services From: 11/23/2024  
 Services Through: 12/27/2024

82912-149667-730639-1-17059-ENGCONSULT

Attn.: Ms. Jen Cook, P.E.

Project Description: Odor and Corrosion Control Systems within the OMID

2/12/2025

Task Number	Task Description	Task Budget	Previously Invoiced	Current Invoice	Project to Date	Remaining Budget
1	Additional Investigation/Modeling	\$226,151.90	\$226,489.81	\$0.00	\$226,489.81	(\$337.91)
2	Basis of Design	\$122,605.02	\$122,303.64	\$0.00	\$122,303.64	\$301.38
3	ST-S-3 Vapor-Phase Treatment System - Subtask 3.1 - Design	\$276,371.00	\$276,367.83	\$0.00	\$276,367.83	\$3.17
	ST-S-3 Vapor-Phase Treatment System - Subtask 3.2 - Bidding	\$17,154.74	\$17,150.52	\$0.00	\$17,150.52	\$4.22
4	CS-6 Pump Station Vapor-Phase System - Subtask 4.1 - Design	\$191,218.29	\$96,755.18	\$0.00	\$96,755.18	\$94,463.11
	CS-6 Pump Station - Vapor-Phase System Subtask 4.2 - Bidding	\$15,612.91	\$15,604.83	\$0.00	\$15,604.83	\$8.08
5	CS-8 and ST-S-1 Local Odor Control - Subtask 5.1 - Design	\$80,199.91	\$80,194.04	\$0.00	\$80,194.04	\$5.87
	CS-8 and ST-S-1 Local Odor Control - Subtask 5.2 - Bidding	\$12,829.09	\$12,784.70	\$0.00	\$12,784.70	\$44.38
6	Design Emergency Relief Valves for CS-9 High Pressures	\$21,081.00	\$21,071.61	\$0.00	\$21,071.61	\$9.39
7	Construction Ventilation Coordination	\$11,194.00	\$11,117.15	\$0.00	\$11,117.15	\$76.85
8	OMIDDD Progress Meeting Correction	\$32,868.00	\$32,865.66	\$0.00	\$32,865.66	\$2.34
9	Monthly Design Coordination Meetings Correction	\$46,767.00	\$46,735.41	\$0.00	\$46,735.41	\$31.59
10	Construction Administration	\$860,372.00	\$80,747.35	\$21,831.28	\$102,578.63	\$757,793.37
11	Resident Project Engineer	\$170,948.00	\$0.00	\$0.00	\$0.00	\$170,948.00
12	Post-Construction Services	\$144,988.00	\$0.00	\$0.00	\$0.00	\$144,988.00
10a	Reimbursement of Permitting Fees	\$11,943.00	\$11,673.12	\$0.00	\$11,673.12	\$269.88
13	Review Existing Available Information	\$4,425.00	\$4,423.84	\$0.00	\$4,423.84	\$1.16
14	Conduct Site Investigation at CS-9 and Adjacent Neighborhood	\$13,450.00	\$13,449.44	\$0.00	\$13,449.44	\$0.56
15	Collect Additional OMID H2S and Air Pressure Data	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	Determine Approximate Sizing and Prepare Conceptual Layout at CS-9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	Collect Additional OMID CS-5 and CS-9 H2S and Air Pressure Data	\$24,884.00	\$0.00	\$0.00	\$0.00	\$24,884.00
18	Conduct Site Investigation and Collect Additional H2S and Air Pressure Data within the NI-EA Near Meldrum and Mt. Elliott	\$22,857.00	\$0.00	\$0.00	\$0.00	\$22,857.00
19	Confirm NESPS Biotrickling Filter Zone of Influence	\$22,998.00	\$0.00	\$0.00	\$0.00	\$22,998.00
20	Verify Sizing and Prepare Plan Sketch of Active Odor/Corrosion Control System near CS-6 Site	\$19,244.00	\$0.00	\$0.00	\$0.00	\$19,244.00
	<b>Total</b>	<b>\$2,350,161.86</b>	<b>\$1,069,734.13</b>	<b>\$21,831.28</b>	<b>\$1,091,565.41</b>	<b>\$1,258,596.44</b>

Previously Invoiced: \$1,069,734.13  
 Total Due This Invoice: \$21,831.28  
 Total Invoiced To Date: \$1,091,565.41  
 Total Budget: \$2,350,161.86  
 Remaining Budget: \$1,258,596.44

Outstanding Invoices					
Date	Invoice No.	Invoiced Amount	Paid Date	Paid Amount	Amount Outstanding
12/9/2024	C6A19900-19	\$47,853.24		\$0.00	\$47,853.24

Signed:   
 Jason A. Matteo, P.E.  
 Senior Project Manager

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

## INVOICE



Jacobs Consultants, Inc.

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

Invoice No.: C6A19900-21  
 Invoice Date: 2/3/2025  
 Jacobs Project No.: C6A19900  
 Services From: 12/28/2024  
 Services Through: 1/24/2025

82912-149667-730639-1-17059-ENGCONSULT

Attn.: Ms. Jen Cook, P.E.

Project Description: Odor and Corrosion Control Systems within the OMID

2/12/2025

Task Number	Task Description	Task Budget	Previously Invoiced	Current Invoice	Project to Date	Remaining Budget
1	Additional Investigation/Modeling	\$226,151.90	\$226,489.81	(\$553.10)	\$225,936.71	\$215.19
2	Basis of Design	\$122,605.02	\$122,303.64	\$0.00	\$122,303.64	\$301.38
3	ST-S-3 Vapor-Phase Treatment System - Subtask 3.1 - Design	\$276,371.00	\$276,367.83	\$0.00	\$276,367.83	\$3.17
	ST-S-3 Vapor-Phase Treatment System - Subtask 3.2 - Bidding	\$17,154.74	\$17,150.52	\$0.00	\$17,150.52	\$4.22
4	CS-6 Pump Station Vapor-Phase System - Subtask 4.1 - Design	\$191,218.29	\$96,755.18	\$0.00	\$96,755.18	\$94,463.11
	CS-6 Pump Station - Vapor-Phase System Subtask 4.2 - Bidding	\$15,612.91	\$15,604.83	\$0.00	\$15,604.83	\$8.08
5	CS-8 and ST-S-1 Local Odor Control - Subtask 5.1 - Design	\$80,199.91	\$80,194.04	\$0.00	\$80,194.04	\$5.87
	CS-8 and ST-S-1 Local Odor Control - Subtask 5.2 - Bidding	\$12,829.09	\$12,784.70	\$0.00	\$12,784.70	\$44.38
6	Design Emergency Relief Valves for CS-9 High Pressures	\$21,081.00	\$21,071.61	\$0.00	\$21,071.61	\$9.39
7	Construction Ventilation Coordination	\$11,194.00	\$11,117.15	\$0.00	\$11,117.15	\$76.85
8	OMIDDD Progress Meeting Correction	\$32,868.00	\$32,865.66	\$0.00	\$32,865.66	\$2.34
9	Monthly Design Coordination Meetings Correction	\$46,767.00	\$46,735.41	\$0.00	\$46,735.41	\$31.59
10	Construction Administration	\$860,372.00	\$102,578.63	\$18,742.47	\$121,321.10	\$739,050.90
11	Resident Project Engineer	\$170,948.00	\$0.00	\$0.00	\$0.00	\$170,948.00
12	Post-Construction Services	\$144,988.00	\$0.00	\$0.00	\$0.00	\$144,988.00
10a	Reimbursement of Permitting Fees	\$11,943.00	\$11,673.12	\$0.00	\$11,673.12	\$269.88
13	Review Existing Available Information	\$4,425.00	\$4,423.84	\$0.00	\$4,423.84	\$1.16
14	Conduct Site Investigation at CS-9 and Adjacent Neighborhood	\$13,450.00	\$13,449.44	\$0.00	\$13,449.44	\$0.56
15	Collect Additional OMID H2S and Air Pressure Data	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	Determine Approximate Sizing and Prepare Conceptual Layout at CS-9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	Collect Additional OMID CS-5 and CS-9 H2S and Air Pressure Data	\$24,884.00	\$0.00	\$5,055.49	\$5,055.49	\$19,828.51
18	Conduct Site Investigation and Collect Additional H2S and Air Pressure Data within the NI-EA Near Meldrum and Mt. Elliott	\$22,857.00	\$0.00	\$0.00	\$0.00	\$22,857.00
19	Confirm NESPS Biotrickling Filter Zone of Influence	\$22,998.00	\$0.00	\$0.00	\$0.00	\$22,998.00
20	Verify Sizing and Prepare Plan Sketch of Active Odor/Corrosion Control System near CS-6 Site	\$19,244.00	\$0.00	\$0.00	\$0.00	\$19,244.00
Total		\$2,350,161.86	\$1,091,565.41	\$23,244.85	\$1,114,810.26	\$1,235,351.59

Previously Invoiced: \$1,091,565.41  
 Total Due This Invoice: \$23,244.85  
 Total Invoiced To Date: \$1,114,810.26  
 Total Budget: \$2,350,161.86  
 Remaining Budget: \$1,235,351.59

Outstanding Invoices					
Date	Invoice No.	Invoiced Amount	Paid Date	Paid Amount	Amount Outstanding
1/16/2025	C6A19900-20	\$21,831.28		\$0.00	\$21,831.28

Signed:

Jason A. Matteo, P.E.  
 Senior Project Manager

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



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

Pay invoices online at [www.lardnerelevator.com](http://www.lardnerelevator.com)

**INVOICE**

WO # 1372

203691

**Bill To:**



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


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

**Account #:** 00-6642-2

2/12/2025

82912-6010101-149090-730660-Ch. 21

Dec 01, 2024	Upon Receipt	Detroit Route	4746
203691		LECO	Maintenance

1.00	Elevator Maintenance Service for December, 2024	No	Each	204.00	\$204.00
Elevator Maintenance Service for December, 2024					
					\$0.00
					\$204.00
					\$204.00
					\$0.00
					\$204.00

TM-1-20-25

PLEASE DETACH THIS PORTION AND RETURN WITH PAYMENT



**Lardner Elevator Company**  
729 Meldrum  
Detroit, MI 48207

**Account #** 00-6642-2  
Northeast Pump Station

**Invoice #** 203691

**Amount** \$ 204.00

**Paid**

\$



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

Pay invoices online at [www.lardnerelevator.com](http://www.lardnerelevator.com)

**INVOICE**

204005

WO# 1393

Bill To:



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

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

Account #: 00-6642-2

*John A. Moore*

2/12/2025

82912-6010101-149090-730660-Ch. 21

Jan 01,2025	Upon Receipt	Detroit Route	4746
204005		LECO	Maintenance

1.00	Elevator Maintenance Service for January, 2025	No	Each	214.00	\$214.00
Elevator Maintenance Service for January, 2025					
<i>TM-2-10-25</i>					\$0.00
					\$214.00
					\$214.00
					\$0.00
					\$214.00

Page 1

Rev. 02/18/2024

PLEASE DETACH THIS PORTION AND RETURN WITH PAYMENT



**Lardner Elevator Company**  
729 Meldrum  
Detroit, MI 48207

Account # 00-6642-2  
Northeast Pump Station

Invoice # 204005

Amount \$ 214.00

Paid

\$



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

INVOICE NO. 1811-73

DATE: February 2, 2025

METCO PROJECT NO. 1811

INVOICE PERIOD: 12/30/24 through 2/2/25

Contract ID 000000000000000000005517

Vendor ID 0000020486

TO: OMIDD

Water Resources Commissioner

One Public Works Drive

Waterford, MI 48328

Attn: Joel Brown, P.E.

Chief Engineer-Construction Projects Unit

TITLE: OMID & NESPS Operation and Maintenance

**Operational Plan**

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

2/12/2025

Name	Title	Hrs.	Rate/Hr.	Amount
Raj Vijayendran, PE	Principal Engineer	0.0	\$ 225.75	\$ -
Terry Moore	Operations Manager	46.0	\$ 162.00	\$ 7,452.00
Terry Moore	Operations Manager (Overti	0.0	\$ 204.75	\$ -
Darrin Green	Staff Engineer	44.0	\$ 102.00	\$ 4,488.00
Darrin Green	Staff Engineer-(Overtime)	0.0	\$ 153.00	\$ -
Anthony Vozza	Staff Engineer	69.0	\$ 102.00	\$ 7,038.00
Anthony Vozza	Staff Engineer-(Overtime)	4.0	\$ 153.00	\$ 612.00
Rosana Santos	Administrative Assoc.	0.0	\$ 73.79	\$ -
Subtotal OMID Operatons:			\$	19,590.00

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

2/12/2025

Name	Title	Hrs.	Rate/Hr.	Amount
Raj Vijayendran, PE	Principal Engineer	0.0	\$ 225.75	\$ -
Terry Moore	Operations Manager	46.0	\$ 162.00	\$ 7,452.00
Terry Moore	Operations Manager (Overti	24.0	\$ 204.75	\$ 4,914.00
Darrin Green	Staff Engineer	44.0	\$ 102.00	\$ 4,488.00
Darrin Green	Staff Engineer-(Overtime)	1.0	\$ 153.00	\$ 153.00
Anthony Vozza	Staff Engineer	0.0	\$ 102.00	\$ -
Anthony Vozza	Staff Engineer-(Overtime)	0.0	\$ 153.00	\$ -
Rosana Santos	Administrative Assoc.	4.0	\$ 77.48	\$ 309.92
Subtotal NEPS Operations			\$	17,316.92

**Subtotal Operations \$ 36,906.92**

**Maintenance & Asset Management**

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

2/12/2025

Name	Title	Hrs.	Rate/Hr.	Amount
Terry Moore	Operations Manager	46.0	\$ 162.00	\$ 7,452.00
Terry Moore	Operations Manager (Overti	12.0	\$ 204.75	\$ 2,457.00
Daniel Martel	Sr. Project Coordinator	0.0	\$ 152.25	\$ -
Shailesh Patel	Sr. Project Engineer	0.0	\$ 152.25	\$ -
Anthony Vozza	Staff Engineer	0.0	\$ 102.00	\$ -
Anthony Vozza	Staff Engineer-(Overtime)	0.0	\$ 153.00	\$ -
Darrin Green	Staff Engineer	0.0	\$ 102.00	\$ -
Darrin Green	Staff Engineer-(Overtime)	0.0	\$ 153.00	\$ -
Sweta Soni	Designer/Drafter	0.0	\$ 101.00	\$ -
Youstina Gaid	Drafter	0.0	\$ 101.00	\$ -
Subtotal OMID Maintenance:			\$	9,909.00



**NEPS Maintenance – Fund 82912, Program 149090, 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>
Raj Vijayendran, PE	Principal Engineer	8.0	\$ 225.75	\$ 1,806.00
Terry Moore	Operations Manager	46.0	\$ 162.00	\$ 7,452.00
Terry Moore	Operations Manager (Overti	2.0	\$ 204.75	\$ 409.50
Daniel Martel	Sr. Project Coordinator	15.5	\$ 152.25	\$ 2,359.88
Sean Grant	Sr. Project Engineer	0.0	\$ 152.25	\$ -
Travis Ford	Sr. Project Engineer	0.0	\$ 152.25	\$ -
Shailesh Patel	Sr. Project Engineer	0.0	\$ 152.25	\$ -
Darrin Green	Staff Engineer	76.0	\$ 102.00	\$ 7,752.00
Darrin Green	Staff Engineer-(Overtime)	12.0	\$ 153.00	\$ 1,836.00
Anthony Vozza	Staff Engineer	67.0	\$ 102.00	\$ 6,834.00
Anthony Vozza	Staff Engineer-(Overtime)	4.0	\$ 153.00	\$ 612.00
Abhishek Shah	Staff Engineer	0.0	\$ 102.00	\$ -
Sweta Soni	Designer/Drafter	0.0	\$ 105.50	\$ -
Keli Mills	Administrative Assoc.	0.0	\$ 77.48	\$ -

**Subtotal: \$ 29,061.38****Maintenance Services (see attached invoices): \$ 12,046.95****Subtotal NEPS Maintenance: \$ 41,108.33****Subtotal Maintenance: \$ 51,017.33****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	\$ 225.75	\$ -
Terry Moore	Operations Manager	0.0	\$ 162.00	\$ -
Terry Moore	Operations Manager (Overti	0.0	\$ 204.75	\$ -
Sean Grant	Sr. Project Engineer	18.0	\$ 152.25	\$ 2,740.50
Darrin Green	Staff Engineer	0.0	\$ 102.00	\$ -
Darrin Green	Staff Engineer-(Overtime)	0.0	\$ 153.00	\$ -
Anthony Vozza	Staff Engineer	0.0	\$ 102.00	\$ -
Abhishek Shah	Staff Engineer	139.0	\$ 102.00	\$ 14,178.00
Brandon Brochue	Designer/Drafter	0.0	\$ 101.00	\$ -

**Subtotal Maintenance: \$ 16,918.50****TOTAL AMOUNT DUE THIS INVOICE: \$ 104,842.75**

2/12/2025



2/12/2025



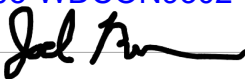
**MFCI, LLC**  
435 Union St.  
Milford, MI 48381 US  
steveb@mfcil.com

**Invoice 1354**



<b>BILL TO</b> Oakland Macomb Interceptor Drain District	DATE 01/30/2025	PLEASE PAY <b>\$20,807.90</b>	DUE DATE 03/01/2025
--	--------------------	----------------------------------	------------------------

FND84919-PRG149015-SC731451-PRJ-17705-WDCON9302 2/12/2025



DATE	ACTIVITY	DESCRIPTION	QTY	RATE	AMOUNT
01/30/2025	<b>Services</b>	Financial Advisor - \$3,155,000 Oakland-Macomb Interceptor Drain Drainage District Drain Bonds, Series 2025	1	11,710.00	11,710.00
01/30/2025	<b>Services</b>	Official Statement preparation, assembly, publication for OMID (\$4,500) plus local units (\$3,000)	1	7,500.00	7,500.00
01/30/2025	<b>Out of Pocket Expense</b>	Long Form Treasury Filing Fee	1	1,147.90	1,147.90
01/30/2025	<b>Out of Pocket Expense</b>	MAC Fee	1	450.00	450.00

TOTAL DUE **\$20,807.90**

THANK YOU.

MFCI, LLC can receive payments via check, ACH, or wire. ACH or wire instructions are as follows:  
Banking Information:  
Receiving Bank: PNC Bank  
PNC Bank ABA: 041000124  
Beneficiary: MFCI, LLC  
Beneficiary Account Number: 4134100566

84919-149015-731451-PRJ 17705-LEGAL

2/12/2025

**MR. MIKE GREGG**

OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT, MI  
ONE PUBLIC WORKS DRIVE  
WATERFORD, MI 48328

**Invoice**

Recipient	Invoice No.:	P0487247
OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT, MI ONE PUBLIC WORKS DRIVE WATERFORD, MI 48328	Customer No.:	9000006831
	Invoice Date:	January 22, 2025

For Professional Services:		
Total Net Value:	USD	16,000.00
Sales Taxes:	USD	0.00
Invoice Amount:	USD	16,000.00

**Inquiries Contact**

MIS Collections Team  
Email : MISCollections@moodys.com

Moody's Investors Service, Inc. Taxpayer ID#: 13-1959883

Please do not contact your Analytic Team regarding this or any other fee-related matter.

Return This Portion With Your Payment

Invoice No.: P0487247  
Moody's Ref No.: P0487247  
Customer No.: 9000006831  
Invoice Date: January 22, 2025

Invoice Amount: USD 16,000.00  
Invoice Payable in USD

**Wire Payment with Invoice Number to**

Truist Bank  
Transit Routing # 061000104  
ACH # 061000104  
Moody's Account # 8801939847  
For Customers wiring outside the U.S.: Swift Code: BRBTUS33

**Mail Payment with Invoice Stub To**

Moody's Investors Service, Inc.  
P.O. BOX 102597  
ATLANTA, GEORGIA 30368-0597  
USA

PAYMENT DUE UPON RECEIPT



# 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
925567	0	001	1/31/2025	1/31/2025	96236

JOEL BROWN

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	MISC. T&M SCADA	\$16,557.00	-	\$16,557.00	\$16,557.00	-	-
Totals:		\$16,557.00		\$16,557.00	\$16,557.00		
Less Retained:				-			
Invoice Total:				\$16,557.00			

AS NEEDED ELECTRICAL AND ENGINEERING SUPPORT

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

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

MCET PROPOSAL 25-0392R1, ATTACHED

*Joel Brown*

2/12/2025

*TM-2-3-25*

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."

**NEXGEN Asset Management**

4010 Lennane Drive  
Sacramento, CA 95834

**Invoice****Invoice #:** 4633**Invoice Date:** 1/29/2025**Due Date:** 1/1/2025**Terms****P.O. Number:****Bill To:**

Oakland Macomb Interceptor DDD  
Joel Brown  
Oakland County Water Resources Commission  
One Public Works Drive, Building 95 West  
Waterford, MI 48328

**82912-149090-731458-WDCON8864-V:26393****2/12/2025**

Item	Description	Hours/Qty	Rate	Class	Serviced	Amount
NEXGEN AM Cloud	NEXGEN AM Cloud 110 (5 concurrent users, 1 TB Storage, 10 GB/mo data transfer) Jan 1, 2025 - Dec 31 2025		12,250.00	AM		12,250.00
NEXGEN Contractor Po...	NEXGEN Contractor Portal Unlimited Users Jan 1, 2025 - Dec 31 2025		17,500.00	AM		17,500.00T
	No Sales Tax		0.00%	AM		0.00

Direct Deposit: Bank of America Routing: 122400724 Account: 501027660919  
Send remittances to: vyee@nexgenam.com.

Phone #	E-Mail
916.564.8000	vyee@nexgenam.com

**Total** \$29,750.00**Payments/Credits** \$0.00**Balance Due** \$29,750.00



# NTH Consultants, Ltd.

Infrastructure Engineering  
and Environmental Services

**82912-149090-730639-Cont#1-2603**  
**82912- 6010101- 149090-730639- 2603 - Ch.21 -**  
**v# 4716 - li #24138**

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

2/12/2025

Invoice # : 638249  
Project : 61210495  
Invoice Group :  
Invoice Date : 2/4/2025

Attention: Joel Brown, P.E.

For Professional Services Rendered from 9/21/2024 - 1/24/2025

## Additional OMID NESPS Maintenance Engineering Services

Task 01	NESPS Health and Safety Audit	\$8,651.75
Task 02	Control Structure 6 (CS-6) Emergency Bypass System Design	\$85,450.46
Task 03	Wet Wall Screen Cleaning Equipment	\$7,366.85
Task 04	Control Structure Gate Inspection	\$9,747.94

Preliminary Budget Amount	\$111,217.00
Percent Complete:	90.74%

Analysis of Costs		This Invoice	Cumulative
Direct Salaries		\$ 904.97	\$ 22,345.16
Overhead %	188.00	1,701.34	42,008.90
Total Regular Labor Expense		2,606.31	64,354.06
<b>Total Direct Labor</b>		<b>2,606.31</b>	64,354.06
<b>Profit / Fixed Fee %</b>	12.00	<b>312.76</b>	7,722.48
Direct Expenses Charge		11.43	555.02
Expense Multiplier %	5.00	0.57	27.76
Direct Subcontractor Charge		0.00	26,662.90
Subcontractor/Subconsultant Multiplier %	6.00	0.00	1,599.78
<b>Total Other Direct Charges Reimbursables</b>		<b>12.00</b>	<b>28,845.46</b>
<b>Total Costs:</b>		<b>2,931.07</b>	<b>100,922.01</b>
<b>Total Due This Invoice</b>		<b>\$ 2,931.07</b>	<b>\$ 100,922.01</b>



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

84917-6010101-149015-731458-8173-1-3309-Ch. 21- v #4716 - li#24138

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

2/12/2025

Invoice # : 638250  
Project : 61-200280  
Invoice Group : CMT  
Invoice Date : 2/4/2025

Attention: Joel Brown, P.E.

For Professional Services Rendered from 11/23/2024 - 1/24/2025

Provide Engineering and Consulting Services regarding NESPS Pumping and Electrical System Upgrade D-421, D-462(2) & D-481

Task 01	CMT Services	\$199,674.00
Task 02	Tnemec Coating Observation	-
	<b>Preliminary Budget Amount</b>	<b>\$199,674.00</b>
	Percent Complete:	97.13%

Analysis of Costs		This Invoice	Cumulative
Direct Salaries	\$	1,281.46	\$ 49,846.15
Overhead %	188.00	2,409.14	93,710.74
Total Regular Labor Expense		3,690.60	143,556.89
<b>Total Direct Labor</b>		<b>3,690.60</b>	<b>143,556.89</b>
<b>Profit / Fixed Fee %</b>	12.00	<b>442.87</b>	<b>17,226.83</b>
Direct Expenses Charge		460.95	26,230.22
Expense Multiplier %	5.00	23.05	1,311.51
Direct Subcontractor Charge		0.00	5,302.50
Subcontractor/Subconsultant Multiplier %	6.00	0.00	318.15
Direct Unit Rate Charge		0.00	0.00
<b>Total Other Direct Charges Reimbursables</b>		<b>484.00</b>	<b>33,162.38</b>
<b>Total Costs:</b>		<b>4,617.48</b>	<b>193,946.10</b>
<b>Total Due This Invoice</b>	\$	<b>4,617.47</b>	<b>\$ 193,946.10</b>



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

84918-149015-730639-PRJ17408-1ENG\_CONSULT-WDDCCON8173

*Jack K...*

2/12/2025

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

Invoice # : 638253  
Project : 23001693  
Invoice Group : \*\*  
Invoice Date : 2/4/2025

Attention: Jen Cook, P.E.

For Professional Services Rendered from 12/21/2024 - 1/24/2025

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

Task 01 Contract 2 CCA Services \$1,907,063.00  
Preliminary Budget Amount \$1,907,063.00  
Percent Complete: 71.28%

Analysis of Costs		This Invoice	Cumulative
Direct Salaries		8,309.89	\$ 264,924.16
Overhead %	188.00	15,622.59	498,057.42
Total Regular Labor Expense		23,932.48	762,981.58
<b>Total Direct Labor</b>		<b>23,932.48</b>	<b>762,981.57</b>
<b>Profit / Fixed Fee %</b>	12.00	<b>2,871.90</b>	<b>91,557.79</b>
Direct Expenses Charge		99.43	41,326.14
Expense Multiplier %	5.00	4.97	2,066.26
Direct Subcontractor Charge		13,207.15	435,247.29
Subcontractor/Subconsultant Multiplier %	6.00	792.43	26,114.88
<b>Total Other Direct Charges Reimbursables</b>		<b>14,103.98</b>	<b>504,754.57</b>
<b>Total Costs:</b>		<b>40,908.36</b>	<b>1,359,293.95</b>
<b>Total Due This Invoice</b>		<b>\$ 40,908.36</b>	<b>\$ 1,359,293.94</b>



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

**BILL TO**

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

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

*Jack Am*

2/12/2025

INVOICE  
95259425

INVOICE DATE  
11/7/2024

**JOB ADDRESS**

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

Completed Date 11/7/2024

Customer PO #

Payment Term NET 30

Due Date 12/7/2024

**DESCRIPTION OF WORK**

WO #01324

TASK	DESCRIPTION	QTY	PRICE	TOTAL
PM Commercial	Primary Preventive Maintenance -Change oil -Change oil filters, includes fuel filters (where applicable) -Battery voltage testing -Check operational performance, (belts, hoses, safeties, etc) -Gather Oil Sample - Return to Warehouse Manager for processing -Gather Coolant Sample - Return to Warehouse Manager for processing	1.00	\$3,195.00	\$3,195.00

MATERIAL	DESCRIPTION	QUANTITY	PRICE	TOTAL
DFM-1	Diesel Fuel Lab Test Package DFM1 Elemental Metals (24) by ICPWater / Sediment / Bacteria Fungi & Mold / Pour Point / Thermal Stability	1.00	\$595.00	\$595.00

SUB-TOTAL \$3,790.00

TOTAL DUE \$3,790.00  
PAYMENT \$0.00

BALANCE DUE \$3,790.00

*TM-1-27-25*

Thank you for choosing PM Technologies





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

**BILL TO**

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

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

**INVOICE**  
95265485

**INVOICE DATE**  
11/7/2024

**JOB ADDRESS**

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

**Completed Date** 11/7/2024

**Customer PO #**

**Payment Term** NET 30

**Due Date** 12/7/2024

**DESCRIPTION OF WORK**

WO #01324

TASK	DESCRIPTION	QTY	PRICE	TOTAL
PM Commercial	Primary Preventive Maintenance -Change oil -Change oil filters, includes fuel filters (where applicable) -Battery voltage testing -Check operational performance, (belts, hoses, safeties, etc) -Gather Oil Sample - Return to Warehouse Manager for processing -Gather Coolant Sample - Return to Warehouse Manager for processing	1.00	\$3,195.00	\$3,195.00

MATERIAL	DESCRIPTION	QUANTITY	PRICE	TOTAL
DFM-1	Diesel Fuel Lab Test Package DFM1 Elemental Metals (24) by ICPWater / Sediment / Bacteria Fungi & Mold / Pour Point / Thermal Stability	1.00	\$595.00	\$595.00

**SUB-TOTAL** \$3,790.00

**TOTAL DUE** \$3,790.00  
**PAYMENT** \$0.00

**BALANCE DUE** \$3,790.00

TM-1-27-25

Thank you for choosing PM Technologies



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

**BILL TO**

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

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

INVOICE  
95265620

INVOICE DATE  
11/7/2024

**JOB ADDRESS**

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

Completed Date 11/7/2024

Customer PO #

Payment Term NET 30

Due Date 12/7/2024

**DESCRIPTION OF WORK**

WO #01324

TASK	DESCRIPTION	QTY	PRICE	TOTAL
PM Commercial	Primary Preventive Maintenance -Change oil -Change oil filters, includes fuel filters (where applicable) -Battery voltage testing -Check operational performance, (belts, hoses, safeties, etc) -Gather Oil Sample - Return to Warehouse Manager for processing -Gather Coolant Sample - Return to Warehouse Manager for processing	1.00	\$3,195.00	\$3,195.00

MATERIAL	DESCRIPTION	QUANTITY	PRICE	TOTAL
DFM-1	Diesel Fuel Lab Test Package DFM1 Elemental Metals (24) by ICPWater / Sediment / Bacteria Fungi & Mold / Pour Point / Thermal Stability	1.00	\$595.00	\$595.00

SUB-TOTAL \$3,790.00

TOTAL DUE \$3,790.00  
PAYMENT \$0.00

BALANCE DUE \$3,790.00

TM-1-27-25

Thank you for choosing PM Technologies



WO #1353

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

*Joel An*

2/12/2025

**BILL TO**

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

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

**INVOICE**  
104572676

**INVOICE DATE**  
11/26/2024

**JOB ADDRESS**

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

**Completed Date** 11/26/2024  
**Customer PO #**  
**Payment Term** NET 30  
**Due Date** 12/26/2024

**DESCRIPTION OF WORK**

WO #01353

Quarterly inspection complete, checked hoses, clamps, air filters, and connections. Ran engine to temp, tested battery voltage.  
Inspection finds no issues at this time. Unit in auto.

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

**SUB-TOTAL** \$350.00

**TOTAL DUE** \$350.00  
**PAYMENT** \$0.00

**BALANCE DUE** \$350.00

Thank you for choosing PM Technologies



WO#1353

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

*Joel Am*

2/12/2025

**BILL TO**

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

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

**INVOICE**  
104574449

**INVOICE DATE**  
11/26/2024

**JOB ADDRESS**

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

**Completed Date** 11/26/2024  
**Customer PO #**  
**Payment Term** NET 30  
**Due Date** 12/26/2024

**DESCRIPTION OF WORK**

WO #01353

Monthly inspection complete, found batteries 3 years old and due for replacement. Checked roses, clamps, air filters and connections. Ran engine to temp, tested battery voltage. Unit in auto.

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

**SUB-TOTAL** \$350.00

**TOTAL DUE** \$350.00  
**PAYMENT** \$0.00

**BALANCE DUE** \$350.00

Thank you for choosing PM Technologies



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

**BILL TO**

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

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

*Jack*

2/12/2025

**INVOICE**  
105110401

**INVOICE DATE**  
12/23/2024

**JOB ADDRESS**

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

**Completed Date** 12/23/2024

**Customer PO #**

**Payment Term** NET 30

**Due Date** 1/22/2025

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

**SUB-TOTAL** \$350.00

**TOTAL DUE** \$350.00  
**PAYMENT** \$0.00

**BALANCE DUE** \$350.00

Thank you for choosing PM Technologies

TM-12-23-24



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

**BILL TO**

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

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

*Joel An*

2/12/2025

INVOICE  
105695071

INVOICE DATE  
1/22/2025

**JOB ADDRESS**

Northeast Sewage Pumping Station - Generator #1 1825kw  
11001 East State Fair Avenue  
Detroit, MI 48234 USA

Completed Date 1/22/2025

Customer PO #

Payment Term NET 30

Due Date 2/21/2025

**DESCRIPTION OF WORK**

WO #01392

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

SUB-TOTAL \$350.00

TOTAL DUE \$350.00  
PAYMENT \$0.00

BALANCE DUE \$350.00

Thank you for choosing PM Technologies

*TM-1-27-25*



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

**BILL TO**

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

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

*Joel Am*

2/12/2025

INVOICE  
105695096

INVOICE DATE  
1/22/2025

**JOB ADDRESS**

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

Completed Date 1/22/2025

Customer PO #

Payment Term NET 30

Due Date 2/21/2025

**DESCRIPTION OF WORK**

WO #01392

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

SUB-TOTAL \$350.00

TOTAL DUE \$350.00  
PAYMENT \$0.00

BALANCE DUE \$350.00

*TM-1-27-25*

Thank you for choosing PM Technologies



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

**BILL TO**

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

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

*Joel Fu*

2/12/2025

INVOICE  
105700301

INVOICE DATE  
1/22/2025

**JOB ADDRESS**

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

Completed Date 1/22/2025  
Customer PO #  
Payment Term NET 30  
Due Date 2/21/2025

**DESCRIPTION OF WORK**

WO #01392

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

SUB-TOTAL \$350.00

TOTAL DUE \$350.00  
PAYMENT \$0.00

BALANCE DUE \$350.00

Thank you for choosing PM Technologies

*TM-1-27-25*





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

**BILL TO**

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

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

*Jack*

2/12/2025

INVOICE  
105110629

INVOICE DATE  
12/23/2024

**JOB ADDRESS**

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

Completed Date 12/23/2024

Customer PO #

Payment Term NET 30

Due Date 1/22/2025

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

SUB-TOTAL \$350.00

TOTAL DUE \$350.00  
PAYMENT \$0.00

BALANCE DUE \$350.00

Thank you for choosing PM Technologies

*TM-12-23-24*



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

January 14, 2025

Invoice No: 03559.01 - 55

84917-6010101-149015-731458-8858-1-3309- Ch.  
21- engcon- v#16918

2/12/2025

Project 03559.01 Oakland-Macomb Interceptor Drainage 2020

**Professional Services from December 1, 2024 to December 31, 2024**

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

**Professional Personnel**

	Hours	Rate	Amount
Zann, John	44.00	113.85	5,009.40
Totals	44.00		5,009.40
<b>Total Labor</b>			<b>5,009.40</b>

**Additional Fees**

Overhead	149.10 % of 5,009.40	7,469.02
Profit	10.00 % of 12,478.42	1,247.84
<b>Total Additional Fees</b>		<b>8,716.86</b>

**Total this Sub Task \$13,726.26**

Sub Task 1.3 NI-EA Contract No. 2

**Professional Personnel**

	Hours	Rate	Amount
Zann, John	13.00	113.85	1,480.05
Totals	13.00		1,480.05
<b>Total Labor</b>			<b>1,480.05</b>

**Additional Fees**

Overhead	149.10 % of 1,480.05	2,206.75
Profit	10.00 % of 3,686.80	368.68
<b>Total Additional Fees</b>		<b>2,575.43</b>

**Total this Sub Task \$4,055.48**

**Total this Task \$17,781.74**

**Billing Limits**

	Current	Prior	To-Date
Total Billings	17,781.74	793,188.21	810,969.95
Limit			880,000.00
Remaining			69,030.05

**Total this Invoice \$17,781.74**

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

## **Agenda Item No. 11**

Other Business

## **Agenda Item No. 12**

Adjourn