

AGENDA

Oakland-Macomb Interceptor Drain Drainage Board Macomb and Oakland Counties

September 21, 2022 – 11:30 a.m.

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

1. Call meeting to order

Board Members:

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

2. Motion to approve the meeting agenda for September 21, 2022
3. Motion to approve the Drainage District Board Meeting Minutes from August 17, 2022
4. Public Comment
5. Motion to approve the following Engineering Work Order:
 - a) Jacobs for additional investigation and design services related to the Odor and Corrosion Control System Project and the revised budget increase by \$139,000 for a total not-to-exceed amount of \$1,169,000
6. Motion to approve the following Change Orders:
 - a) Walsh Construction Change Order No. 26 for the NESPS Pump & Electrical Upgrades Project for a net increase in the amount of \$274,726.89
7. Motion to approve the following Construction Estimates:
 - a) Construction Estimate No. 23 for Walsh Construction for NESPS Pump & Electrical Upgrades Project (GMP Phase) in the amount of \$671,981.94 with a transfer to the Oakland County Treasurer in the amount of \$14,033.22
 - b) Construction Estimate No. 18 for Marra Services for NI-EA Contract No. One for PCI 4 Rehabilitation in the amount of \$648,703.89 with a transfer to the Oakland County Treasurer in the amount of \$11,113.82
8. Status of OMID Repairs Project
 - a) NESPS Pumping and Electrical Upgrades-Pump 3 Starter Electrical Fault Discussion
 - b) Report 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:		
a)	Reimbursement		
	1) Labor/Fringes/Non-Direct Labor Factor		
	• Segment 5 NI-EA Construction		\$ 5,855.32
	• Segment 5 NESPS Mech./Elect. Construction		\$ 8,953.37
	2) Equipment Charges		
	• Segment 5 NI-EA Construction		\$ 150.47
	• Segment 5 NESPS Mech./Elect. Construction		\$ 295.96
b)	ASI		
	Invoice No. 43-8222	NESPS	\$ 108,801.84
c)	CH2M		
	Invoice No. 705773CH040	O&M	\$ 3,396.95
d)	Clark Hill		
	1) Invoice No. 1220371	O&M	\$ 1,479.00
	2) Invoice No. 1233162	NI-EA	\$ 7,016.00
	3) Invoice No. 1231003	NI-EA	\$ 270.00
	4) Invoice No. 1231002	O&M	\$ 5,184.00
	5) Invoice No. 1230903	O&M	\$ 1,147.50
e)	CSM		
	Invoice No. 21OMIDD014	O&M	\$ 455.00
f)	Dickinson Wright		
	1) Invoice No. 1703947	O&M	\$ 1,327.50
	2) Invoice No. 1724822	O&M	\$ 553.00
	3) Invoice No. 1724824	O&M	\$ 1,142.60
g)	East Jordan Iron Works		
	Invoice No. 110220061418	O&M	\$ 1,021.05
h)	Hesco		
	1) Invoice No. 2213832	O&M	\$ 4,523.00
	2) Invoice No. 2213847	O&M	\$ 3,788.00
	3) Invoice No. 2213848	O&M	\$ 2,220.00
i)	International Transmission Company		
	Invoice Easement Application	O&M	\$ 500.00
j)	Jacobs		
	Invoice No. C6A19900-03	O&M	\$ 57,841.64
k)	Kennedy Industries		
	1) Invoice No. 626222	O&M	\$ 4,798.59
	2) Invoice No. 626438	O&M	\$ 2,608.30
	3) Invoice No. 627423	O&M	\$ 913.00
	4) Invoice No. 627564	O&M	\$ 402.50
	5) Invoice No. 629779	O&M	\$ 1,089.00
l)	Konecranes		
	Invoice No. 154711993	O&M	\$ 4,150.00
m)	Metco		
	Invoice No. 1811-44	O&M	\$ 76,346.93
n)	Motor City Electric Company		
	1) Invoice No. 94624	O&M	\$ 90.00
	2) Invoice No. 94525	O&M	\$ 90.00
o)	NTH Consultants, Ltd		

1) Engineering Design Services Rehabilitation of NI-EA Sections PCI-4 Invoice No. 630565	NI-EA	\$ 1,735.44
2) Contract No. 1 PCI-4 Invoice No. 630567	NI-EA	\$ 86,964.76
3) Eng./Consulting Services NESPS Upgrade Invoice No. 630570	NESPS	\$ 2,601.99
4) Consulting Services – System Inspection Invoice No. 630571	O&M	\$ 2,102.54
5) Rehabilitation Program 2021 Closeout Services Invoice No. 630572	O&M	\$ 229.08
6) Additional NESPS Maintenance Eng. Services Invoice No. 630573	O&M	\$ 2,916.82
p) PM Technologies		
1) Invoice No. 63543133	O&M	\$ 675.22
2) Invoice No. 63543149	O&M	\$ 1,050.00
3) Invoice No. 63551141	O&M	\$ 1,050.00
4) Invoice No. 63551332	O&M	\$ 1,050.00
5) Invoice No. 63895473	O&M	\$ 595.00
q) PMA Consultants Invoice No. 03559.01-26	NI-EA	\$ 13,136.04

11. Other Business

12. Adjourn

Next Regular Meeting: October 19, 2022, 11:30 a.m., Eastern Standard Time.

Agenda Item No. 3

Board Meeting Minutes from August 17, 2022

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

August 17, 2022

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 17th day of August at 11:30 a.m. Eastern Standard Time and via Microsoft Teams.

PRESENT:

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

OTHERS PRESENT:

Representing the office of the Macomb County Public Works Commissioner: Brian Baker, and Stephen Downing. Representing the office of the Oakland County Water Resources Commissioner: Steve Korth, Sid Lockhart, Joel Brown, Brian Bennett, Megan Koss, and Stephanie Lajdziak. Others in attendance: Fritz Klingler, FK Engineering; Terry Moore, Metco; Shawn Phelps and Jeff Ragle, OC Fiscal Services; Saju Sachidanandan, Larry Gilbert and Michelle Kitzinger, NTH Consultants; Jason Matteo, Jacobs; Dave Pauline, Walsh Construction; Elaine Leven, City of Fraser

1. Call meeting to order.

Chairperson Gregg called the meeting to order at 11:32 a.m.

2. Agenda.

Motion by Vaara, supported by Miller, to amend the August 17, 2022, agenda to remove Walsh Construction Change Order No. 1.

ADOPTED: Yeas - 3
Nays - 0

3. Minutes.

Motion by Miller, supported by Vaara, to approve the minutes of the July 20, 2022, meeting.

ADOPTED: Yeas - 3
Nays - 0

4. Public Comment.

None.

5. GLWA Water Transmission Main Relocation Projects Memorandum

Joel Brown presented a memorandum regarding the Great Lake Water Authority's (GLWA) construction of a 96-inch transmission main that is located around 23 Mile and Dequindre. He advised that the GLWA is requesting approval to install a connection into the Drainage

District for dewatering around the transmission main during the course of their project. Brian Bennet furthered stating there would be two permits, one for dewatering purposes for the new water main, and a second for the proposed pre-treated discharges resulting from construction and decommissioning of a portion of the existing main. Mr. Bennett also advised the Board that GLWA will provide daily test results for the treated discharges to the WRC.

Motion by Miller, supported by Vaara, to approve the request from GLWA subject to the discharge to the Drainage District being metered with GLWA reimbursing all the Drainage District's inspection costs.

ADOPTED: Yeas - 3
Nays - 0

6. Change Order.

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

- a) Walsh Construction Change Order No. 25 for the NESPS Pump & Electrical Upgrades Project for a net increase in the amount of \$278,972.37. Motion by Vaara, supported by Miller, to approve the Change Order as presented.

ADOPTED: Yeas - 3
Nays - 0

- c) Marra Services Change Order No. 3 for NI-EA Contract One, PCI-4 Rehabilitation for a net increase in the amount of \$222,276.41 and a time change of an additional 31 calendar days. Motion by Vaara, supported by Miller, to approve the Change Order as presented.

ADOPTED: Yeas - 3
Nays - 0

7. Construction Pay Estimates.

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

- a) Construction Estimate No. 22 for Walsh Construction for NESPS Pump & Electrical Upgrades Project (GMP Phase) in the amount of \$709,025.50 with a transfer to the Oakland County Treasurer in the amount of \$28,533.25. Motion by Vaara supported by Miller, to approve the Construction Pay Estimate as presented.

ADOPTED: Yeas - 3
Nays - 0

- b) Construction Estimate No. 17 for Marra Services for NI-EA Contract No. One for PCI-4 Rehabilitation in the amount of \$303,562.22. Motion by Miller, supported by Vaara, to approve the Construction Pay Estimate as presented.

ADOPTED: Yeas - 3
Nays - 0

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

ADOPTED: Yeas - 3
 Nays - 0

9. Financial Reports.
 Shawn Phelps presented the financial reports for NI-EA and the NESPS. Motion by Vaara, supported by Miller, to receive and file the financial reports.

ADOPTED: Yeas - 3
 Nays - 0

10. Invoices.

The following invoices were submitted to the Board for approval:

- | | | | |
|----|---|-------|---------------|
| a) | Reimbursement of Oakland County WRC-Incurred Expenses and Costs | | |
| 1) | Labor/Fringes/Non-Direct Labor Factor | | |
| | • Segment 5 NI-EA Construction | \$ | 9,168.34 |
| | • Segment 5 NESPS Mech./Elect. Construction | \$ | 56,255.90 |
| 2) | Equipment Charges | | |
| | • Segment 5 NI-EA Construction | \$ | 188.72 |
| | • Segment 5 NESPS Mech./Elect. Construction | \$ | 407.14 |
| b) | ASI | | |
| | Invoice No. 42-8199 | NESPS | \$ 113,280.89 |
| c) | Clark Hill | | |
| 1) | Invoice No. 1220403 | O&M | \$ 13,608.00 |
| 2) | Invoice No. 1220405 | NI-EA | \$ 135.00 |
| d) | Dickinson Wright | | |
| | Invoice No. 1715594 | O&M | \$ 1,619.50 |
| e) | Hesco | | |
| | Invoice No. 2213786 | O&M | \$ 4,016.75 |
| f) | Jacobs | | |
| | Invoice No. C6A19900-02 | O&M | \$ 70,618.37 |
| g) | Kennedy Industries | | |
| 1) | Invoice No. 630978 | O&M | \$ 1,518.00 |
| 2) | Invoice No. 631969 | O&M | \$ 1,040.95 |
| h) | Metco | | |
| | Invoice No. 1811-43 | O&M | \$ 80,733.91 |
| i) | Motor City Electric Company | | |
| 1) | Invoice No. 94500 | O&M | \$ 351.00 |
| 2) | Invoice No. 94596 | O&M | \$ 252.00 |
| j) | NTH Consultants, Ltd | | |
| 1) | Engineering Design Services Rehabilitation of NI-EA Sections PCI-4. | | |
| | Invoice No. 630201 | NI-EA | \$ 1,663.50 |
| 2) | Contract No. 1 PCI-4 | | |
| | Invoice No. 630202 | NI-EA | \$ 68,698.49 |

3) Eng./Consult. Services NESPS Upgrade Invoice No. 630204	NESPS	\$	1,029.71
4) Consulting Services – System Inspection Invoice No. 630205	O&M	\$	1,328.50
5) Rehabilitation Program 2021 Closeout Services Invoice No. 630206	O&M	\$	603.73
6) Additional NESPS Maintenance Eng. Services Invoice No. 630207	O&M	\$	929.69
k) Rotor			
1) Invoice No. 12530	O&M	\$	1,569.00
2) Invoice No. 12531	O&M	\$	7,082.93
3) Invoice No. 12532	O&M	\$	2,357.42

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

ADOPTED: Yeas - 3
Nays - 0

11. Other Business.

Joel Brown presented several dates for the next site visit. After discussion of various schedules, October 27, 2022, at 1:00 p.m. was decided upon.

12. Adjourn.

Motion by Vaara, supported by Miller, to adjourn the August 17, 2022, meeting at 1:17 p.m.

ADOPTED: Yeas - 3
Nays - 0

Next Regular Meeting: *Office of the Macomb County Public Works Commissioner, 21777 Dunham Road, Clinton Township, Michigan* and electronically at 11:30 a.m., Eastern Standard Time on September 21, 2022.

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 August 17, 2022, 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 17th day of August 2022.



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

Agenda Item No. 4

Public Comment

Agenda Item No. 5

Engineering Work Order



Oakland-Macomb Interceptor Drain Drainage District

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

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

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

DATE: September 21, 2022

ON February 16, 2022, OMID approved of a contract with Jacobs Consulting, Inc. to perform investigation and design services related to the OMID Odor and Corrosion Control Project. During initial investigation and preliminary design, it was apparent that substantive additional services needed to be provided by Jacobs that were outside the original contract scope. Jacobs prepared a proposal, dated September 9, 2022, that articulated these services as well as corresponding costs. These services are summarized as follows: (Note: the tasks are enumerated to correspond to the original contract tasks):

Additional Task 1.a – Evaluate CS-9 High Pressures (Preliminary Design Service)

The purpose of this task will be to refine the WATS sewer process modeling and TAP hydraulic modeling and use the refined models to confirm the cause of the observed pressure problems at CS-9 and to design methods for relieving the system pressure to mitigate damages.

Jacobs will prepare a tech memo that summarizes the additional WATS sewer process modeling and TAP hydraulic modeling.

Additional Task 1.b – Perform Air Dispersion Modeling and Noise Abatement Calculations at CS-6/CS-12 (Preliminary Design Phase Service)

During the initial project consultation between OMIDDD and City of Sterling Heights representatives, Sterling Heights expressed serious concerns regarding the potential odor and noise impacts on the future residents of the homes in the subdivision to the west of the site, as the odor control equipment will be approximately only 75 feet from several of the homes.

To assess the potential odor impacts, Jacobs will develop an air dispersion model to determine the transport direction of odors and their concentrations upon reaching the receptors in the immediate area of the facility (i.e., the subdivision residents). Similarly, Jacobs will develop a noise abatement model to assess the resulting noise levels at the same receptors, with no noise mitigation.

Deliverables: Jacobs will include the air dispersion modeling and noise abatement calculations as appendices in the Basis of Design Report. The selected odor mitigation and noise abatement measures will be included in the final design drawings and specifications.

Additional Task 1.c - Conduct Site Recon to Document Manhole Openings (Preliminary Design Phase Service)

Jacobs will conduct a detailed site reconnaissance in the vicinity of the three project sites. This work is important to identify any other nearby sources of odors that should be addressed as part of the project. Solid manhole covers without holes/grating or pick holes and in some cases sealing manhole lids may be desirable.

Deliverables: A memo documenting field notes and photographs of all manholes found in the field in the vicinity of the project sites.

Additional Task 4.1a – Design Modified CS-6/CS-12 Dry Well Confined Space Entry Ventilation (Design Phase Service)

It has recently been determined that it would be most economical and desirable to provide a single fan (or possibly a set of fans) for odor/corrosion CS-6 control and confined space entry in the CS-6 and CS-12 pump stations.

The proposed ventilation system will be designed with dampers that will allow the extraction of air from either the CS-6 pump station (for confined space entry), the CS-12 pump station (for confined space entry) or the OMID interceptor (for odor/corrosion control).

Deliverables: Jacobs will develop design drawings and specifications for this configuration and incorporate the design drawings and specifications into the overall project contract documents.

Additional Task 6 – Design Emergency Relief Valves for CS-9 High Pressures (Design Phase Service)

The maximum air flow rates found during the release scenarios will be used to size emergency relief valve(s) to prevent the over pressure. The emergency relief vent(s) will be used in conjunction with recommendations, provided by the Jacobs team, for modified NESPS operations during the release scenarios intended to minimize release from the emergency vent.

Deliverables: Jacobs will develop design drawings for the installation of the emergency relief vent(s). The cost of the above tasks are detailed below:

Additional Task 1.1 - Evaluate CS-9 High Pressures:	\$22,760
Additional Task 1.2 – CS-6/CS-12 Additional Modeling/Calcs:	\$35,429
Additional Task 1.3 - Conduct Site Recon to Document Manhole Openings:	\$19,598
Additional Task 3.1.1 - Modified CS-6/CS-12 Dry Well CSE Ventilation:	\$40,626
Additional Task 6 – CS-9 Emergency Relief Valve:	\$21,081
Total:	\$139,494

The attached Engineering Work Order has been prepared for the above scope of services and corresponding costs. Jacobs is prepared to begin immediately on these tasks with no impact to overall schedule. We are targeting bidding on this project for Spring 2023.

In addition, this design cost increase exceeds the initial design contingency allocated for this project. These services are needed to ensure odors and pressures are sufficiently accounted for as part of the overall design. As such, we request that additional funding for this project in the amount of \$139,000 be provided from the Capital Reserves Fund. Please see the attached for the revised budget. There is sufficient funding in the Capital Reserves Fund to accommodate this request.

Requested Action: Approve the attached Jacobs Engineering Work Order to provide additional investigation and design services related to the OMID Odor and Corrosion Control System Project.

Requested Action: Approve the attached revised OMID Odor and Corrosion Control Systems Design Project Budget increasing the project budget by \$139,000 for a total not-to-exceed amount of \$1,169,000.

Jim Nash Oakland County Water Resources Commissioner
System Name or Drainage District Name
For the OMID Odor and Corrosion Control System Design Project
Sterling Heights and Warren
Macomb County, Michigan

Engineering Work Order No. 1: SS-164

Date: 9/9/2022

To: Jacobs Consultants Inc. Contract No. 9788

For: Additional Out-of-Scope Engineering Design Services

DESCRIPTION

This Engineering Work Order (EWO) is required to define specific additional tasks and compensation related to the OMID Odor and Corrosion Control System Project that falls under the Preliminary Engineering Phase Services and Design Phase Services sections of Contract No. 9788. This EWO serves as your approval for compensation of the following additional services as delineated in your attached September 9, 2022 proposal. The below tasks are enumerated to correspond with the original contract proposal:

Additional Task 1.a – Evaluate CS-9 High Pressures (Preliminary Design Service)

The purpose of this task will be to refine the WATS sewer process modeling and TAP hydraulic modeling and use the refined models to confirm the cause of the problems and to design methods for relieving the system pressure to mitigate damages.

Jacobs will review the storage and release scenarios from the initial TAP hydraulic model to confirm that the source of overpressure is the release of storage flow corresponding to an operating scenario when the Edison Corridor Interceptor (ECI) upstream of the Northeast Sewage Pumping Station (NESPS) is surcharged. The calibrated WATS sewer process model previously developed for the CS-6 sizing will be refined and then used to estimate the range of air flow rates that may occur in the network during the duration of release scenarios.

To help refine the WATS sewer process model, field reconnaissance will be conducted of the openings (e.g., pick holes) and their sizes and that information will be used to update the WATS sewer process model (See task 1.3 below).

Deliverables: Jacobs will prepare a tech memo that summarizes the additional WATS sewer process modeling and TAP hydraulic modeling. Jacobs will prepare a memo that summarizes the field reconnaissance findings.

Additional Task 1.b – Perform Air Dispersion Modeling and Noise Abatement Calculations at CS-6/CS-12 (Preliminary Design Phase Service)

During the initial project consultation between OMIDDD and City of Sterling Heights representatives, Sterling Heights expressed serious concerns regarding the potential odor and noise impacts on the future

JIM NASH
OAKLAND COUNTY WATER RESOURCES COMMISSIONER

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residents of the homes in the subdivision to the west of the site, as the odor control equipment will be approximately only 75 feet from several of the homes.

To assess the potential odor and noise impacts, Jacobs will develop an air dispersion model to determine the transport direction of odors and their concentrations upon reaching the receptors in the immediate area of the facility (i.e., the subdivision residents). The modeling will also include trials of mitigation strategies, such as an extended exhaust stack, to determine the mitigations that should be designed into the system to reduce the odor concentrations to an acceptable level, as defined by the current odor control science. Similarly, Jacobs will develop a noise abatement model to assess the resulting noise levels at the same receptors, with no noise mitigation. Various noise abatement options will then be modeled, and the optimal mitigation measures will be selected and integrated into the design of CS-6/CS-12.

Deliverables: Jacobs will include the air dispersion modeling and noise abatement calculations as appendices in the Basis of Design Report. The selected odor mitigation and noise abatement measures will be included in the final design drawings and specifications.

Additional Task 1.c - Conduct Site Recon to Document Manhole Openings (Preliminary Design Phase Service)

Jacobs will conduct a detailed site reconnaissance in the vicinity of the three project sites. This work is important to identify any other nearby sources of odors that should be addressed as part of the project. Solid manhole covers without holes/grating or pick holes and in some cases sealing manhole lids may be desirable.

Deliverables: A memo documenting field notes and photographs of all manholes found in the field in the vicinity of the project sites.

Additional Task 4.1a – Design Modified CS-6/CS-12 Dry Well Confined Space Entry Ventilation (Design Phase Service)

It has recently been determined that it would be most economical and desirable to provide a single fan (or possibly a set of fans) for odor/corrosion CS-6 control and confined space entry in the CS-6 and CS-12 pump stations.

The proposed ventilation system will be designed with dampers that will allow the extraction of air from either the CS-6 pump station (for confined space entry), the CS-12 pump station (for confined space entry) or the OMID interceptor (for odor/corrosion control).

Deliverables: Jacobs will develop design drawings and specifications for this configuration and incorporate the design drawings and specifications into the overall project contract documents.

Additional Task 6 – Design Emergency Relief Valves for CS-9 High Pressures (Design Phase Service)

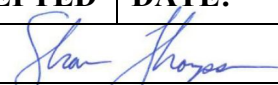
The maximum air flow rates found during the release scenarios will be used to size emergency relief valve(s) to prevent the over pressure. The emergency relief vent(s) will be used in conjunction with

recommendations, provided by the Jacobs team, for modified NESPS operations during the release scenarios intended to minimize release from the emergency vent.

Deliverables: Jacobs will develop design drawings for the installation of the emergency relief vent(s).

Additional Task 1.1 - Evaluate CS-9 High Pressures:	\$22,760
Additional Task 1.2 – CS-6/CS-12 Additional Modeling/Calcs:	\$35,429
Additional Task 1.3 - Conduct Site Recon to Document Manhole Openings:	\$19,598
Additional Task 3.1.1 - Modified CS-6/CS-12 Dry Well CSE Ventilation:	\$40,626
Additional Task 6 – CS-9 Emergency Relief Valve:	\$21,081
Total:	\$139,494

Fees for this Engineering Work Order shall be billed on a time and material basis according to the contract standard fee and rate schedule as modified by your proposal. The total amount of the Engineering Services Agreement is to be increased by a not to exceed amount of \$139,493. This increases the total allowed project amount under this contract to \$963,222.80. This amount is not to be exceeded without written authorization from this office.

RECOMMENDED	DATE:	ACCEPTED	DATE: 09-13-2022
By:		By:	
Joel Brown, P.E. Chief Engineer OCWRC		Shawn Thompson, P.E. Vice President Jacobs Consulting, Inc.	
APPROVED	DATE:	APPROVED	DATE:
By:		By:	
Stephen Downing Construction and Maintenance Manager MCPWO		Sid Lockhart, P.E. Special Projects Manager OCWRC	
Approved by the Drainage District Board on:			

Cost Center:	6010101	Account No.:	730639
Fund No:	FND82912	Program No.:	PRG149667
Project No:	PRJ 1-17059	Project Activity:	ENG CONSULT
Contract No:	9788	Contract Exp:	2/15/2025

JIM NASH
OAKLAND COUNTY WATER RESOURCES COMMISSIONER

Agenda Item No. 6

Change Orders

CHANGE ORDER NO. TWENTY-SIX

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.) Replace Dry Well Elevator Lobby Light Fixture at Motor Room Floor Level;
- 2.) Remove the existing steel access ladder leading to the main roof and replace with new fabricated ladder;
- 3.) Furnish and Install Updated Lighting System.
- 4.) Provide upgraded Hollow Metal Door installation for door opening # 29;
- 5.) Install optional 12 in. dia. discharge line for Wet Well Dewatering Pump.

Address:

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

Change Order No. 26 Date: August 31, 2022

	Location-Description-Reason	Unit	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
	<p><u>LOCATION:</u></p> <p>The Northeast Sewage Pumping Station; Detroit, Wayne County, Michigan</p>					
26 -1	<p><u>DESCRIPTION (Extra/ Add):</u></p> <p>Remove existing temporary light fixture at Motor Room Elevator Lobby door area and replace with new.</p> <p><u>REASON:</u></p> <p>The current temporary elevator lobby light was installed as a temporary feature in compliance with the City of Detroit Elevator Inspectors request. A new lobby fixture is now available for permanent installation, and the temp. fixture can be returned for its intended use in the new Electrical basement area. The Work includes the extensions of conduit and cabling runs as necessary.</p> <p>Attachment: Walsh Construction PCI No. 970152</p>	LS	1 ea.	\$3,523.25	\$3,523.25	-0-

OMID DD NESPS; Pump & Electrical Upgrades Project; C.O. # 26

	Location-Description-Reason	Unit	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
26 -2	<p><u>DESCRIPTION:(Extra/ Add)</u></p> <p>Remove the existing fabricated steel roof access ladder (original construction) and replace with a new ladder with extended height.</p> <p><u>REASON:</u></p> <p>Recent improvements to the NESPS main roof and access hatch have rendered the original ladder deficient of the necessary height to safely access the roof under both ascent and descent conditions. Modifications to the existing ladder was considered impractical, and accordingly it was determined that a new ladder of sufficient height and compliant with current code requirements was necessary.</p> <p>Attachment: Walsh Construction PCI No. 970153</p>	LS	ea.	\$5,419.69	\$5,419.69	-0-
26 -3	<p><u>DESCRIPTION (Extra/ Add):</u></p> <p>Furnish and install a comprehensive updated lighting system to replace the existing system, including supplemental illumination at both interior and exterior locations.</p> <p><u>REASON:</u></p> <p>This additional work includes replacing and adding new light fixtures to the Dry Well Stairway, adding Emergency Lighting and adding "night light" provisions on Elevator Doors # 2 through #5, adding new lighting fixtures and re-wired light switches where required; adding and/or replacing outside light fixtures on the NESPS exterior where appropriate, adding hardwire feed to new drinking fountain in the Dry Well Motor Room floor, and providing raceways, wiring, and panel modifications for the above items.</p> <p>A review of the entire lighting system in the Pump Station dry well interior and exterior resulted in numerous existing deficiencies which required correction as well as selected areas where improvements were considered beneficial.</p>	LS	ea.	\$107,202.30	\$107,202.30	-0-

OMID DD NESPS; Pump & Electrical Upgrades Project; C.O. # 26

	Location-Description-Reason	Unit	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
26 -3	Attachment: Walsh Construction PCI No. 970114					
26 -4	<p><u>DESCRIPTION: (Change/ Add):</u></p> <p>Modify the Hollow Metal (HM) Door and frame arrangement for building opening # 29.</p> <p><u>REASON:</u></p> <p>Door # 29 leads from Corridor # 1 (connecting the new Electrical building into the existing NESPS) to the new SCADA Control Room. Changes in the control equipment layout and a revised orientation of the door opening (including a glass security window) required the fabrication of a new door with field modifications to the existing frame. The existing door will be removed, salvaged, and re-used elsewhere in the Project.</p> <p>Attachment: Walsh Construction PCI No. 970156</p>	LS	ea,	\$8,470.58	\$8,470.58	-0-
26 -5	<p><u>DESCRIPTION (Extra/ Add):</u></p> <p>Provide modifications to the existing Wet Well Dewatering Pump Discharge Piping System</p> <p><u>REASON:</u></p> <p>The existing Wet Well Dewatering Pump (DWP) is designed to completely drain the separated north and south wet well areas following the initial major dewatering function provided by OMID Sewage Pump # 4. Both units were installed under the previous OMID Segment 2 Contract 3 project. Also under Contract 3, a 12 in. diameter discharge line was installed to direct DWP flow to the north side of the Gate House Discharge Chamber rather than originally returning to the side of the Wet Well opposite that being dewatered, At that time, a blind flanged outlet was also provided on the south side of the Discharge Chamber anticipating a future second DWP connection.</p>	LS	ea.	\$150,111.07	\$150,111.07	-0-

OMID DD NESPS; Pump & Electrical Upgrades Project; C.O. # 26

	Location-Description-Reason	Unit	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
26 -5	<p>Under the current Pump & Electrical Upgrades project, a completely new Sewage Pump # 3 is being installed in a previous vacant location, and this activity provided impetus to now add a second optional 12 in. dia. DWP discharge line to connect to the south side of the Discharge Chamber.</p> <p>This option now creates the ability for Station Operators to direct DWP discharge to either the north or south sides (or both sides) of the Discharge Chamber as desired. Additionally, this important optional function will allow the south (Pumps 1, 2, and 3) and north segments (Pumps 4, 5, and 6) of the Discharge Chamber to be isolated from each other, thereby allowing interior upgrade work to continue for extended periods "in the dry" on the isolated side.</p> <p>This capability will become critical for the planned future staged rehabilitation of the interior lining of the discharge piping while still allowing the DWP (when needed) and the NESPS to remain at required capacity.</p> <p>Attachment: Walsh Construction PCI No.970134</p> <p align="center">*****</p> <p>End of Change Order No. 26 Line Items</p>					
	Summary, Change Order # 26 Line Items				Amount Increase	Amount Decrease
				Totals	\$ 274,726.89	-0-
				Net Changes (Increase)	\$ 274,726.89	-----

OMID DD NESPS: Pump & Electrical Upgrades Project; C.O. # 26

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



Date: 9-6-22

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



Date: 9/13/2022

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



Date: 9/14/2022

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



Date: 9/14/2022

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



Date: 9/15/2022

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

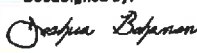


Date: 9/15/2022

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

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

Accepted by:

DocuSigned by:

368F73CEAD90445...
Title

Date Sep-06-2022 | 2:07 PM CDT

of: Walsh Construction Co. II, Inc.

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

This Change Order No. 26 was approved by the Drainage Board on: Date: _____

Attachment No. 1 to Change Order No. Twenty-Six

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

Contract Status Summary
Change Order No. Twenty-Six
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	March 24, 2023
Contract Final Completion Date	June 23, 2023
Original GMP Contract Value (Including Control Structure 9)	\$ 42,863,185.19
Pre-Construction Phase, Unused Budget	\$ 70,196.70
C.O. Values, # 7, 8, 9, 10, 11, 12, 13, 14, 15,16, 17,18, 19, 20, 21,22, 23, 24 and # 25 (<u>Not Including</u> CS-9 C.O. total of \$ 63,100.29)	\$ 3,762,179.84
Change Order Value, including this C.O. # 26	\$ 4,315,879.10
Adjusted GMP Contract Value, Pump & Electrical Upgrades (incl. this C.O. # 26)	\$ 47,249,260.99

Agenda Item No. 7

Construction Estimates

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

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

August 01, 2022 through August 31, 2022

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

Construction Manager at Risk: Vendor # 23191 LI 43331; exp. 12/16/22
Walsh Construction Co. Date of Contract: Dec. 16, 2019
3031 West Grand Boulevard, Suite 640 (Adjusted) Final Completion Date: July 28, 2023
Detroit, MI 48202 Contract No. 5977

Orig. GMP amount for Pump & Elec. Upgrades Project, not including CS-9 and Pre-Const. Balance	\$44,107,745.18
Expended Pre-Construction Phase Amount	(\$1,174,363.30)
<i>Unused Pre-Construction Phase Budget</i>	(\$70,196.70)
<i>CS-9 Budget from GMP</i>	(\$3,251,117.72)
NESPS Pump & Elec. Upgrades Original Contract Budget	\$39,612,067.46
Change Orders, This Estimate: C.O. No. 25	\$278,972.37
Previous C.O.s: (C.O.# 7, 8, 9, 10, 11,12, 13, 14, 15, 16, 17, 18, 19, 29, 21, 22, 23, and 24)	\$3,762,179.84
Unused Pre-Construction Phase Budget	\$70,196.70
Adjusted Construction Contract Amount: (N/I CS-9)	\$43,723,416.37 ✓
<hr/>	
Sub-Total To Date: (CS-9 Costs are Not included on this Estimate)	\$28,603,165.71
Less Deductions:	None
Gross Estimate: (Work in Place) Value Complete = 65.4 %	\$28,603,165.71
Less Amount Reserved (S/V Retain. @ \$2,351,966.32- CS-9 @122,530.96 = \$2,229,435.36)	\$2,229,435.36
Total Amount Allowed To Date:	\$26,373,730.35
Less Previous Estimates:	\$25,701,748.41 ✓
Current Payment Due	\$671,981.94 ✓
Reserve Pay to Contractor:	\$0.00
Balance to Finish: \$15,120,250.66 N/I CS-9	Accounting Auditor:
<hr/>	
Amount To Be Reserved (10% of 1/2 S.V., less CS-9 retention)	\$2,229,435.36
Less Previous Transfers To Reserve (N/I CS-9 Contract Retention)	\$2,215,402.14
Amount of Current Transfer	\$14,033.22

OAKLAND MACOMB INTERCEPTOR DRAIN DRAINAGE BOARD
Northeast Sewage Pumping Station- Pump and Electrical Upgrades Project
Located in the City of Detroit, Wayne County, Michigan
Walsh Construction Co. II; Construction Manager at Risk

Regular Construction Estimate No. Twenty-Three
Page Two of Two

8/01/ 2022 through 8/31/ 2022

Prepared by: Laurence T. Gilbert

Date: 9-9-2022

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

Recommended by: John Michalski

Date: 9/13/2022

John Michalski, P.E., ASI

Recommended by: Joel Brown

Date: 9/14/2022

Joel Brown, P.E. Oakland County WRC

Recommended by: Stephen Downing

Date: 9/14/2022

Stephen Downing; Macomb County OPWC

Approved for Payment by: Sid A. Lockhart

Date: 9/15/2022

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

Regular Construction Estimate No. 23 (August, 2022)

Approved By Board On: _____

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

Regular Construction Estimate No. 18

Period: 8/01/22 through 8/31/22

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

Contractor:	Vendor # 29656 Contract # 6323	Date of Contract:	January 21, 2021
Marra Services, Inc.	LI # 44838 exp. 1/20/23	Final Completion Date:	September 9, 2022
700 E. 73 rd. Street		Adj. Final Completion:	February 7, 2023
Cleveland, OH 44103			

Original Construction Contract Amount	\$14,732,510.00
Previous Change Orders: No. One and Two	\$808,198.88
Change Orders This Estimate: No. Three	\$222,276.41
Total Net Change Orders:	\$1,030,475.29
Adjusted Contract Amount:	\$15,762,985.29
<hr/>	
Sub-Total To Date	\$10,253,972.49
Less Deductions: None	\$0.00
Gross Estimate, Work in Place (65.05% Complete)	\$10,253,972.49
Less Amount Reserved (Max. at 10% of 50% of adjusted C.V.)	\$788,149.26
Total Amount Allowed To Date:	\$9,465,823.23
Less Previous Estimates	\$8,817,119.34
Net Payment Request To Be Paid To Contractor:	\$648,703.89
Reserve Payment to Contractor:	\$0.00
Balance to Finish: \$5,509,012.80	Accounting Auditor:
Amount to be Reserved from Above	\$788,149.26
Less Previous Transfers To Reserve:	\$777,035.44
Amount of Current Transfer	\$11,113.82

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

Date: 9-7-2022

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

Date: 9-8-2022

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

Date: 9/14/2022

Recommended by: Stephen Downing
 Stephen Downing; Macomb County OPWC

Date: 9/14/2022

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

Date: 9/15/2022

Agenda Item No. 8

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

Oakland Macomb Interceptor Drain (OMID) Repairs

Project Progress Update

Prepared by:

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

September 21, 2022 OMIDDD Board Meeting

The following provides a status update as of the writing of this report (September 9, 2022) 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

Project Budget Summary (including EWOs):

- | | |
|---|--------------|
| • Adjusted Project Budget (including EWOs and Fan Testing Allowance): | \$567,447.00 |
| • Total Spent (through May 2021): | \$566,441.58 |
| • Additional Data Gathering Budget (under NTH): | \$84,926.00 |
| • Additional Data Gathering Expenditure to date: | \$1,282.00 |

Status of Major Project Tasks:

- System-wide Odor/Corrosion Study and additional requested data gathering under Jacobs is substantially complete. A revised Study Report, including updated analyses based on additionally gathered data, was submitted on September 4, 2022. An appendix to the Final Study Report is being updated and will be included in Final Study Report deliverable in September 2022.

Odor and Corrosion Control Design

Project Budget Summary:

- | | |
|--------------------------------------|--------------|
| • Project Budget: | \$823,729.90 |
| • Total Spent (through August 2022): | \$229,423.57 |

Status of Major Project Tasks:

- Task 1 Summary Report complete and submitted to OMIDDD
- Task 2 Basis of Design ongoing. Preferred alternatives for odor and corrosion control equipment have been selected for each site (ST-S-3, CS-12/CS-6, and ST-S-1/CS-8).
- ST-S-3 features the construction of a replica house on the existing parcel, which will conceal the new odor and corrosion control equipment.

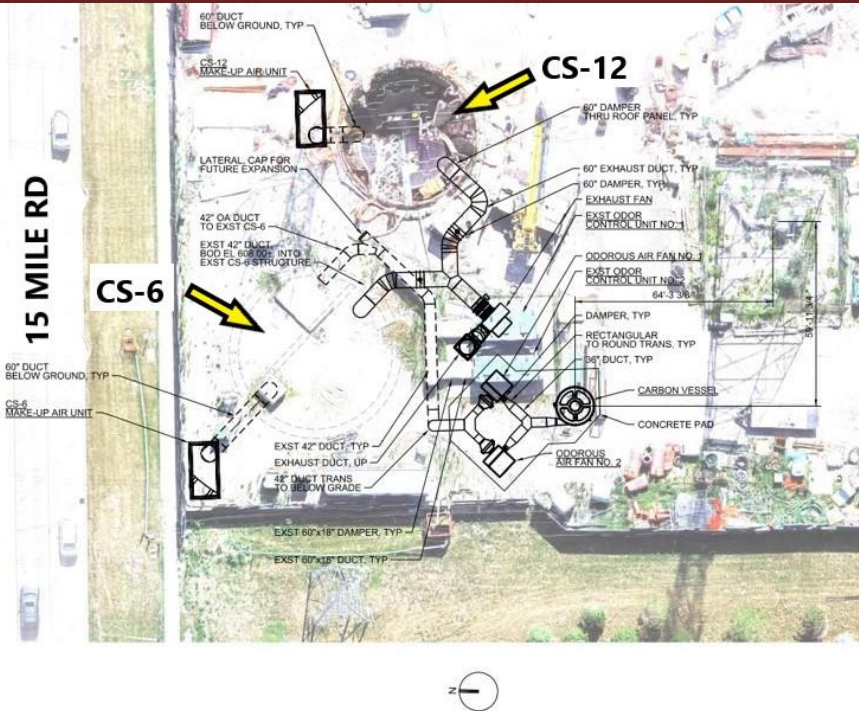
September 21, 2022 OMIDDD Board Meeting

- CS-12/CS-6 features the odor and corrosion control equipment on concrete pads and will be designed to enhance the safety of confined space entry into the below-grade structures by maintenance personnel.
- ST-S-1/CS-8 features a new activated carbon vessel to replace the existing above-grade carbon vessel.
- OMIDDD and Jacobs presented the preferred alternatives to the city of Sterling Heights engineering and planning staff on September 1, 2022 for comment.
- OMIDDD submitted a courtesy project information packet to Sterling Heights on September 7, 2022.

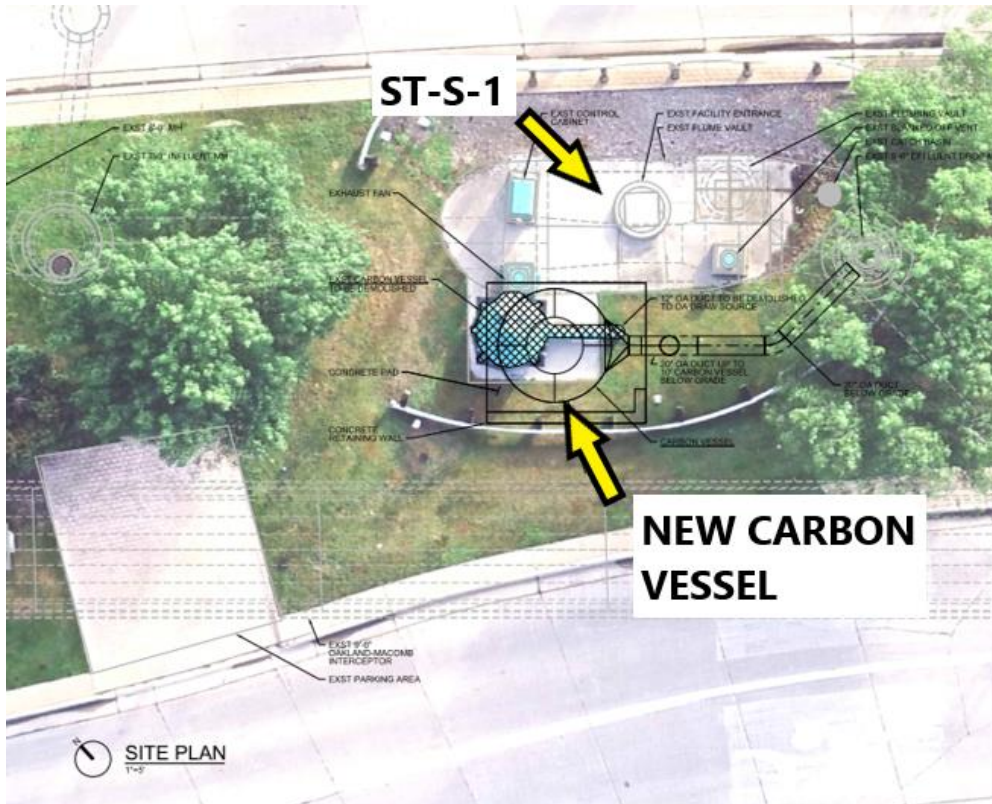


Preferred Alternative at ST-S-3: Odor control equipment located inside of a replica house

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Preferred Alternative at CS-12/CS-6: Odor control equipment located above grade on concrete pads



Preferred Alternative at ST-S-1/CS-8: Activated carbon vessel located above grade on concrete pad

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SRF Segment 2 Status:

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

SRF Segment 3 Status:

Contract 4: Complete

SRF Segment 4 Status:

Contract 5A/5B: Complete

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

Contract 6: Complete

Contract 7 (NIEA 110 feet of Emergency Rehab): Complete

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

Construction Complete

- Warranty period through December 2022. Final warranty inspection/walk-through to be scheduled in fall 2022.

NESPS & OMID Maintenance, Operations & Upgrades Status:

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

- Mersino Dewatering is under contract for standby emergency bypass pumping.
- The OMIDDD Project Team has finalized an approach for keeping the 15 Mile Road bypass pumping arrangement (initially constructed in summer 2021) intact. Plans are now in place for the existing bypass piping remaining on site as a proposed below grade installation pending final agreement with ITC.

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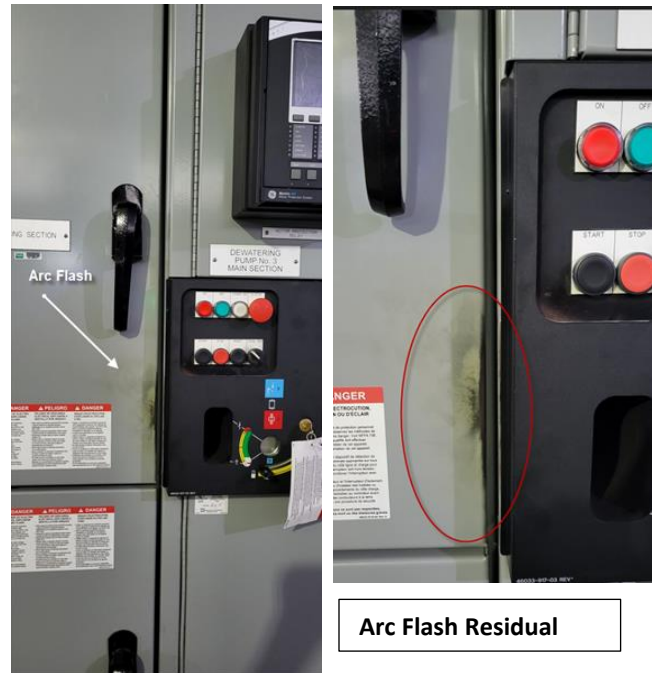
- Remaining items in the final emergency plan include punch-list and optimization steps for electrification, the modification of one manhole, modifications at the 15-Mile Road Site, and overall optimization of the Emergency Plan per above.

Additional work being performed under Metco Maintenance Contract for NESPS:

- Flow control operations related to OMID/MID/NIEA sewer repair and upgrade projects are ongoing.
- Mechanical and Electrical corrective/preventative maintenance schedules continue.
- Coordination between GLWA, MID, NESPS, and Pump/Electrical Upgrade Project is ongoing and has not impacted station operations or abilities to meet demands.
- The Dry well (Main Elevator) **final** inspection has been moved due to scheduling conflicts; date to be determined.
- Existing disabled Wet Well Elevator cleaning/inspections as part of its restoration is in progress.
- Wet well sediment inspection and bar screen cleaning are now quarterly tasks. The next sediment inspection will be performed September 30, 2022.
- Options for future automated and/or optimized cleaning of wet well/bar screens are being researched and considered.
- A NESPS Controls Workshop with the OMID team and GLWA is an ongoing process, designed around new operational parameters and control strategies.

Overall NESPS Station Performance Report:

- Sanitary Pumps #2 #4, #5, and #6 ready for duty. Total pump capacity equals 500-cfs. The wet well dewatering pump is also ready for duty.
- Specific data logging software has been installed within the Sanitary Pump #2 VFD drive PLC. Siemens maintains the ability to monitor VFD performance and fault/trip conditions. No faults or trips to report. P2 VFD Pump and Motor continues to perform well since 2021 power cell restoration.
- Rotor integrated the existing Eaton Power Expert (Quality Power Monitoring Meter) located on the VFD Sanitary Pump #4 switchgear into the OMID SCADA system. No faults, voltage sags or spikes reported. In-coming power data is collected daily with the data kept on file.
- New transformer (T3) received an unexpected power surge from an ARC flash event on new electrical equipment on August 23, 2022. This serious event briefly impacted NESPS pump operations. Sanitary Pump #2 was in service and tripped on a “low voltage” fault. A quick response to isolate away from any potential damage was made and Sanitary Pump #2 was placed back in service. See Photos.
- NEXGEN asset management in use. Monthly status meetings are being held with OMID. Contractors are



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fulfilling their requirements and no outstanding issues to report.

- Gas detection in use. Rounds are conducted daily. Unit filters restocked and changed as required. Last filter change occurred August 19, 2022. No issues to report.
- Bio Filter performance normal with no odor complaints or issues to report. Parameters checked daily and unit continues to perform well.
- HVAC preventative maintenance tasks completed. No issues to report.
- Standby Generator preventative maintenance tasks complete. No issues to report.
- Overall General Housekeeping tasks in order. Minor maintenance activities addressed in a timely manner.

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

- Daily flow control operations now support MID/OMID/NIEA repair and improvement projects.
- All LOTO protocols are in-place with no major issues to report.
- System-wide communications are good.
- CS-6 gate has been restored and is currently operational with limited abilities. A limit switch and position indicator must be ordered and installed to fully complete restoration. HESCO has a two-week turnaround on this. See photos.
- Preventative maintenance tasks are ongoing.
- CS-7 in stand-by mode ready for service; Bi-Annual Preventative Maintenance completed August 12, 2022.
- CS-8 in stand-by mode ready for service, Bi-Annual Preventative Maintenance completed August 6, 2022.
- CS-5 in stand-by mode ready for service; lower limit switch scheduled for installation at the end of September.
- CS-9 in stand-by mode ready for service; Hydraulic hose ruptures impacted flow control operations August 27, 2022. Prompt maintenance response returned CS-9 ability to remain operational. Repair took place August 29, 2022. Investigations found premature wear and tear to both Gate 1 and Gate 2 rod end hydraulic hoses. The leak occurred on Gate 2 hydraulic hose. See photo.
- Routine daily rounds and inspection made with no major maintenance issues to report.



CS-6 Gate Restoration



CS-9 Ruptured Hydraulic Hose

Other System Operation Issues

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

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OMID Control Structure Upgrades Status:

- ASI is now contracted for design of major upgrades to control structures that considers long-term operability. Initial planning in process.

OMID System 3-Year Spot Repairs Status:

- Remaining 3-year spot repair work consists of step removal at one manhole in PCI-8, delayed due to access issues and timing of other work.

OMID System 6-Year Inspection Status:

- The 6-Year inspection began July 8, 2021. Flow Control delays have hampered inspections. Inspections of portions of PCI-7 were performed on June 21, 2022 and additional inspections are scheduled for the last week in September 2022.
- Some damage noted to the CIPP Liner installed in 42" section of PCI-11A. Current plan is for Doetsch to remove the damaged section, grind the edges, and assess if anything more is necessary. Work has been delayed due to permit and access issues, as well as availability of work crews.

NIEA Repairs (Design/Construction)

Contract 1 (PCI-4 Rehabilitation): In Construction

Amt Invoiced: Construction cost to date is \$10,253,972.49 representing 65.05 % of the Contract value.

Schedule Status: Current adjusted Substantial Completion date is January 8, 2023. Contractor is operating approximately 10 weeks behind the adjusted schedule, but anticipates this shortfall can be partially made up with productive lining and grouting work.

Contract 1 (PCI-4 Rehabilitation) Construction Status:

- Currently, 100% of the Channeline segments are now on site and being assembled, and 100% of the Rockhard SCP segments have been manufactured and also delivered to the jobsite. IN addition, 100% of the QuakeWrap lining pipe is complete at the Hastings, MI manufacturing facility.
- Regular Channeline lining installation continues on a production basis with approximately 282 linear feet of lining installed out of a total of 1,327 feet. Contractor has now advanced out of the curved section of interceptor, and anticipates increased production through the straight section.
- Approximately 160 feet of installed pipe has been grouted in place.
- Geotechnical monitoring of construction activities at the access shaft location indicates continuing stable conditions.

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Channeline pipe placement from behind pipe carrier



Application of Crestabond to Channeline for assembly



Marra positioning Channeline for placement in Interceptor



Marra installing Channeline pipe sections through curve of interceptor

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

Amt Invoiced: \$2,227,820 out of currently projected study/design budget of \$2,400,570.

Schedule Status: Contract 2: 100% design work complete; expected to bid in 2022 Q4 pending permit and easement acquisition resolution and coordination with GLWA.

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

- NI-EA OMID Contract No. 2 PCI-18 & 19 Rehabilitation 100% drawing set is ready for advertisement, pending GLWA agreement.
- Flow control measures necessary to complete Contract 2 work may impact a downstream GLWA project (DB-226), although it appears at this time that both project schedules align, and major interference is not expected at this time.
- Working with GLWA to develop cost sharing agreement; Draft agreement is currently being negotiated.

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

Work Item/ Milestone	Estimated Budget Expenditure (Engineering)	Estimated Budget Expenditure (Contractor)	Estimated Delivery Date
Lining Study Final Report	\$126,744		10/30/2019
90%, 100% Design Package			3/20/2020 and 4/28/2020 (Contract 1) 4/16/2021* and TBD* (Contract 2)
MDEQ Submittal (Part 41)			4/28/2020 (Contract 1) Pending* (Contract 2)
Issued for Bid			6/10/2020 (Contract 1) TBD* (Contract 2)
Bid Opening			9/30/2020 (Contract 1) TBD* (Contract 2)
Contract Award and NTP			12/16/2020 and 1/04/2021 (Contract 1) TBD* (Contract 2)
Subtotal - Design	\$2,400,570		
Final Completion of Construction	\$3,500,000	\$35,000,000	2/2/2023 (Contract 1) 9/30/2024 (Contract 2, estimated)

September 21, 2022 OMIDDD Board Meeting

NESPS Pump and Electrical Upgrades Project

Budget Status: \$1,280,139 billed out of current Design Budget of \$1,382,430; \$968,018 out of the current CCA Budget of \$2,443,262. Total construction budget currently established as \$47,249,260.99 , including contingencies, through proposed C.O. #26. The total construction amount invoiced to date as of June 30, 2022, is \$31,861,457.96 (including the now completed and operational Control Structure 9 Bulkhead Gate facility, and adjusted for stored material inclusion in major work activities), representing 67.4% of the combined project (Pump & Electrical Upgrades and CS-9 Gate Installation).

Schedule Status: Currently work is approximately 8 months late, resulting from a combination of supply chain issues and other issues. Contractor is working on an enhanced schedule to make up time but will be unable to meet the scheduled completion date. An unexpected major electrical problem occurred on August 23, 2022 in the Motor Control Center panel. While still in preliminary diagnostic review, it is likely this event may further delay the completion schedule by 4 months. The Construction manager has filed a claim on the OCIP Builder's Risk insurance coverage for this event. Discussions for additional time and/or schedule adjustments are pending, but will be heavily influenced by this delay.

The following Design Team and Construction Services Effort is active:

- The new Sewage Pump # 3 and Motor have now been delivered to the NESPS and the combined assembly is substantially installed. Factory performance tests have been conducted with each separate component, and the pump and motor assembly are being re-tested in place at the NESPS. Pump 3 began start up "wet" testing in mid-July. While the pump and motor performed satisfactorily, special componentry of the motor "exciters" was determined to require replacement; parts have arrived and been installed to allow testing to resume, However, the event of August 23 effectively delays this activity.
- Sewage Pump and Motor No. 1 is following closely behind Pump 3 and near substantially installed. Factory performance tests were conducted with each separate component, and the pump and motor assembly will be re-tested at the NESPS. Pump 1 startup "wet" testing commenced in mid-August, although, testing remains delayed, as previously noted.
- The concrete encased underground conduit for the new Fiber Optics communication line is complete from the NESPS to the GLWA Chemical Building termination. Work on the cable installation and tie-ins will now commence.
- A review of alternative energy saving methods and pump sequence remains ongoing, incorporating GLWA SCC comments.
- Construction Phase services (RFIs, Submittals) are ongoing, and the engineering team is reviewing and responding.
- Chemical injection to seal groundwater infiltration at the existing discharge pipe wall penetrations is substantially complete, with final efforts on hold to observe the initial stages of grouting and determine if further measures may be required for final leak control.
- Small diameter conduit runs and wiring are being installed in the existing NESPS building with favorable progress, now approaching substantial completion for this activity.

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- Steel discharge piping for Pumps 5 and 6 is now at the Toledo, OH facility for sand blast preparation and painting, with segment already received on site.
- The **draft** line item schedule and budget are summarized:

Work Item/ Milestone	Design/CCA Budget	Const Budget	Estimated Delivery Date
2 Final Basis of Design			5/31/2019
7 MDEQ Submittal (Part 41 Permit)			4/8/2020 (initial pkg)
8 90% Design Submittal			6/30/20
9 Final Package Development			8/14/2020
Subtotal	\$3,826,000	\$44,100,000	
10 Substantial Completion	\$2,500,000 (est.)	\$44,100,000 (est.)	9/22/2023 (late)
11 Final Completion			12/21/2023 (late)



NESPS Refurbishment
Project Location



Electrical building motor control center switchgear.
Location of arc flash incident.

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New fiber optic handhole



Density testing of backfill for new fiber optic duct-bank

CS-9 Gate Installation

Budget Status:

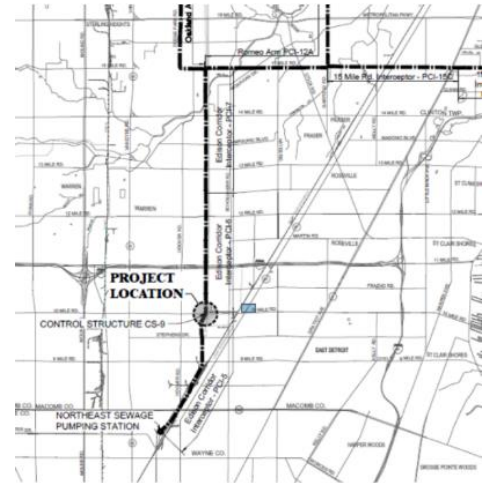
Total construction budget currently established as approximately \$3,314,218.01

Schedule Status:

Construction complete;
Repairs pending

The following work is active:

- All major work is complete and the Hydrogate gate is in regular use for flow control management.
- Site restoration is substantially complete and will be fully completed following Hobas Repairs.
- Doetsch Environmental is engaged to provide Hobas Lining repair and platform repair services. Repairs currently scheduled for start, the week of September 12, 2022



CS-9 Project location

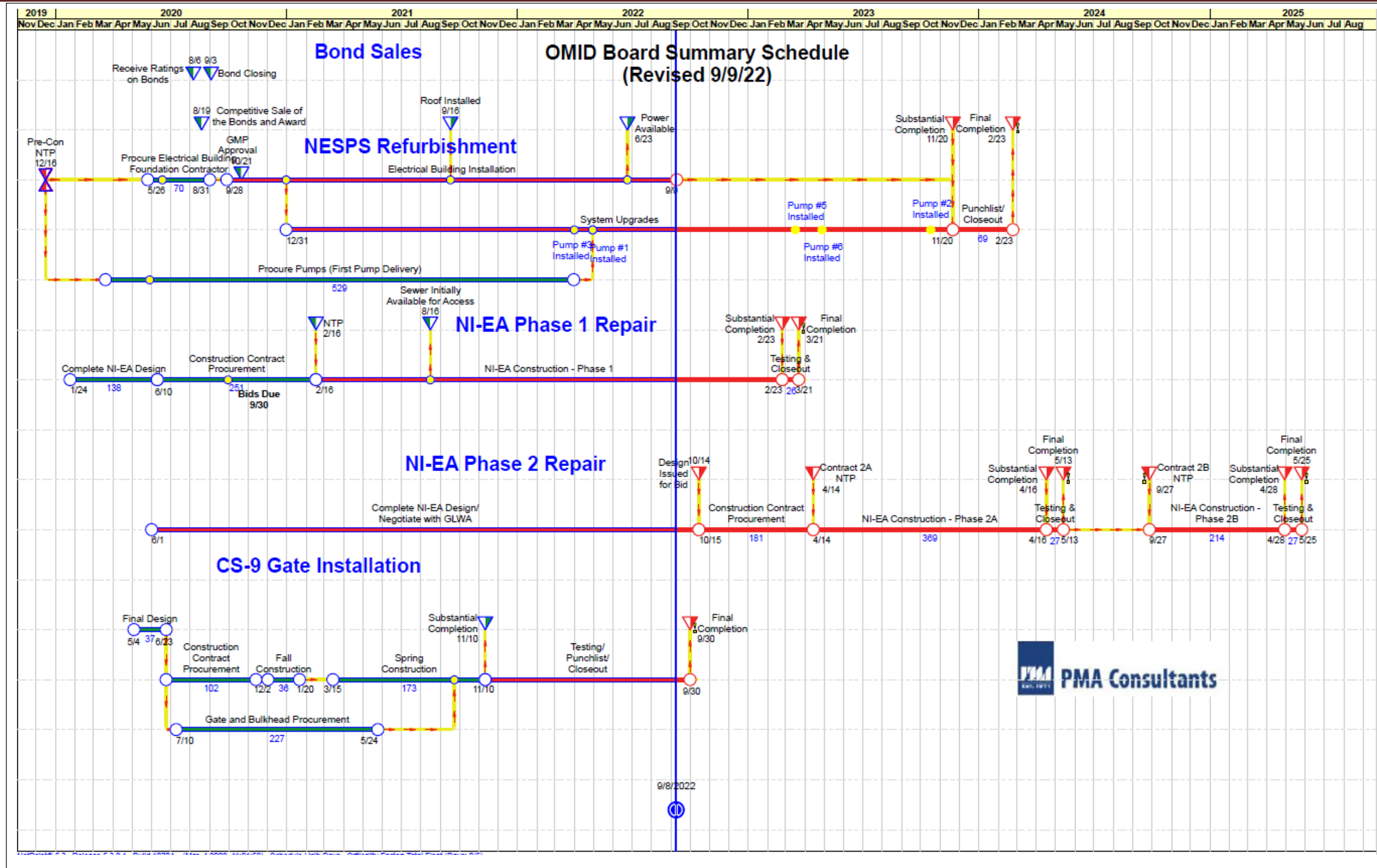
September 21, 2022 OMIDDD Board Meeting

Summary of OMID Design and Construction Status:

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

Work Currently in Design/Study/Engineering		
Description	Design Consultant	Status
System-wide Odor/Corrosion Study	Jacobs	Study Complete, final report pending
NESPS & OMID Maintenance & Repairs	Metco	Engineering/Maintenance Ongoing
NIEA-OMIDDD Contract 2 (PCI-18/19)	NTH	Design Complete; pursuing cost sharing w/ GLWA
Emergency Pumping Plan	ASI/FKE	Draft Plan to be modified following ITC bypass pumping modifications

September 21, 2022 OMIDDD Board Meeting



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 11, 2022		YTD Balance No Project	OMID Segment 5 100000003252	OMID NI-EA CONSTRUCTION 100000003308	NESPS MECH-ELEC CONSTRUCTION 100000003309	YTD Balance
100100	Cash - Operating		1,480,140.48	13,100,185.49	23,934,541.10	38,514,867.07
104100	Accrued Interest on Investment		(190,971.60)			(190,971.60)
143100	PrepaidExpenses			114,583.33		114,583.33
ASSETS		0.00	1,289,168.88	13,214,768.82	23,934,541.10	38,438,478.80
201210	Vouchers Payable AP Cont			(303,697.22)	(822,306.39)	(1,126,003.61)
222300	Unearned Revenues		(208,809.66)	(4,224,457.35)	(8,046,142.99)	(12,479,410.00)
LIABILITIES		0.00	(208,809.66)	(4,528,154.57)	(8,868,449.38)	(13,605,413.61)
655000	Income From Investments		403,858.46			403,858.46
670000	Other Revenues		(402,211.79)			(402,211.79)
REVENUES		0.00	1,646.67	0.00	0.00	1,646.67
730000	Contractual Services			6,370,395.78	13,642,147.13	20,012,542.91
770000	Internal Support Expenditures			59,313.35	240,645.90	299,959.25
EXPENSES		0.00	0.00	6,429,709.13	13,882,793.03	20,312,502.16
381315	FB Restricted Debt		(47,288,433.00)			(47,288,433.00)
382100	FB Committed for Capital Proj		46,206,427.11	(15,116,323.38)	(28,948,884.75)	2,141,218.98
FUND BALANCES		0.00	(1,082,005.89)	(15,116,323.38)	(28,948,884.75)	(45,147,214.02)
		0.00	(0.00)	(0.00)	0.00	(0.00)

Cash as of 08/31/2022 **38,514,867.07**

Invoices/Reimbursements for NIEA Construction on Current Agenda impacting Cash Balance (109,122.24)

Invoices/Reimbursements for NESPS Mech / Electrical Construction on Current Agenda impacting Cash Balance (111,403.83)

Total Net Cash Balance **38,294,341.00**

OCM Project Work In Progress

Company: Oakland County
 Projects and Project Hierarchies: PRJ-13308 OMID NI-EA
 Budget Structure: Project Task
 Period: FY2022 - Aug

Project	Original Budget	Actuals MTD	Obligations YTD	Actuals YTD	Total Spend YTD	Actuals LTD	Variance
Project Expenses	28,395,600.00	388,393.37	49,846.33	15,484,528.40	15,534,374.73	15,484,528.40	12,911,071.60
1 > Administration	584,000.00	0.00	0.00	0.00	0.00	0.00	584,000.00
1 > Contingency	2,581,000.00	0.00	0.00	0.00	0.00	0.00	2,581,000.00
1 > Engineering	478,000.00	3,917.49	0.00	117,584.26	117,584.26	117,584.26	360,415.74
SC771638 - Drain Equip Labor	0.00	3,826.26	0.00	113,313.12	113,313.12	113,313.12	
SC771639 - Drain Equipment	0.00	91.23	0.00	4,271.14	4,271.14	4,271.14	
1 > Engineering Consultants	4,913,000.00	70,496.99	0.00	2,680,015.64	2,680,015.64	2,680,015.64	2,232,984.36
SC730639 - Engineering Services-Other	0.00	1,663.50	0.00	565,801.79	565,801.79	565,801.79	
SC731073 - Legal Services	0.00	135.00	0.00	135.00	135.00	135.00	
SC731444 - Prof Svc-Consultant	0.00	68,698.49	0.00	1,500,776.25	1,500,776.25	1,500,776.25	
SC731458 - Professional Services	0.00	0.00	0.00	73,664.85	73,664.85	73,664.85	
SC731472 - Project Construction and Impr	0.00	0.00	0.00	539,637.75	539,637.75	539,637.75	
1 > Facility Acquisition	17,983,600.00	303,562.22	0.00	12,269,404.46	12,269,404.46	12,269,404.46	5,714,195.54
SC730352 - Construction	0.00	0.00	0.00	2,947,868.47	2,947,868.47	2,947,868.47	
SC730373 - Contracted Services	0.00	0.00	0.00	0.00	0.00	0.00	
SC730660 - Equipment Repair	0.00	0.00	0.00	10,200.00	10,200.00	10,200.00	
SC731472 - Project Construction and Impr	0.00	303,562.22	0.00	9,311,335.99	9,311,335.99	9,311,335.99	
1 > Inspection	260,000.00	0.00	0.00	0.00	0.00	0.00	260,000.00
1 > Legal and Financial	1,259,000.00	0.00	0.00	104,669.50	104,669.50	104,669.50	1,154,330.50
SC730940 - Insurance	0.00	0.00	0.00	41,250.00	41,250.00	41,250.00	
SC731073 - Legal Services	0.00	0.00	0.00	63,419.50	63,419.50	63,419.50	
1 > Right of Way	265,000.00	0.00	0.00	76,496.02	76,496.02	76,496.02	188,503.98
SC730373 - Contracted Services	0.00	0.00	0.00	3,625.00	3,625.00	3,625.00	
SC731038 - Land and Easement	0.00	0.00	0.00	(300.00)	(300.00)	(300.00)	
SC731073 - Legal Services	0.00	0.00	0.00	20,230.90	20,230.90	20,230.90	
SC731661 - Right of Way Negotiation	0.00	0.00	0.00	5,000.00	5,000.00	5,000.00	
SC771638 - Drain Equip Labor	0.00	0.00	0.00	46,105.56	46,105.56	46,105.56	
SC771639 - Drain Equipment	0.00	0.00	0.00	1,834.56	1,834.56	1,834.56	
1 > Standard	40,000.00	10,416.67	49,846.33	236,358.52	286,204.85	236,358.52	(196,358.52)
SC730639 - Engineering Services-Other	0.00	0.00	0.00	80,502.43	80,502.43	80,502.43	
SC730940 - Insurance	0.00	10,416.67	0.00	10,416.67	10,416.67	10,416.67	
SC731444 - Prof Svc-Consultant	0.00	0.00	0.00	91,830.60	91,830.60	91,830.60	
SC731472 - Project Construction and Impr	0.00	0.00	49,846.33	53,608.82	103,455.15	53,608.82	
1 > Survey	32,000.00	0.00	0.00	0.00	0.00	0.00	32,000.00
Project Revenues	0.00	0.00	0.00	24,171,142.65	(24,171,142.65)	24,171,142.65	
RC605572 - Special Assessments Revenue	0.00	0.00	0.00	2,206,043.00	(2,206,043.00)	2,206,043.00	
RC697551 - Issuance of Bonds	0.00	0.00	0.00	21,965,099.65	(21,965,099.65)	21,965,099.65	

Revenue Over/ (Under) Expenses

8,686,614.25

OCM Project Work In Progress

Company: Oakland County
 Projects and Project Hierarchies: PRJ-13309 NESPS MECH-ELEC
 Budget Structure: Project Task
 Period: FY2022 - Aug

Project	Original Budget	Actuals MTD	Actuals YTD	Total Spend YTD	Actuals LTD	Variance
Project Expenses	54,086,000.00	856,300.62	30,973,765.29	30,973,765.29	30,973,765.29	23,112,234.71
1 > Administration	620,000.00	0.00	44,200.00	44,200.00	44,200.00	575,800.00
SC730940 - Insurance	0.00	0.00	44,200.00	44,200.00	44,200.00	
1 > Contingency	4,917,000.00	0.00	0.00	0.00	0.00	4,917,000.00
1 > Engineering	446,000.00	4,431.27	178,697.51	178,697.51	178,697.51	267,302.49
SC731346 - Personal Mileage	0.00	0.00	352.80	352.80	352.80	
SC771638 - Drain Equip Labor	0.00	4,328.07	171,660.15	171,660.15	171,660.15	
SC771639 - Drain Equipment	0.00	103.20	6,684.56	6,684.56	6,684.56	
1 > Engineering Consultants	3,987,000.00	114,310.60	1,994,060.43	1,994,060.43	1,994,060.43	1,992,939.57
SC730639 - Engineering Services-Other	0.00	113,280.89	1,741,547.63	1,741,547.63	1,741,547.63	
SC731444 - Prof Svc-Consultant	0.00	0.00	146,299.41	146,299.41	146,299.41	
SC731458 - Professional Services	0.00	1,029.71	106,213.39	106,213.39	106,213.39	
1 > Facility Acquisition	40,857,000.00	709,025.50	27,606,083.27	27,606,083.27	27,606,083.27	13,250,916.73
SC731472 - Project Construction and Impr	0.00	709,025.50	27,606,083.27	27,606,083.27	27,606,083.27	
1 > Inspection	285,000.00	0.00	340,432.89	340,432.89	340,432.89	(55,432.89)
SC731458 - Professional Services	0.00	0.00	665.00	665.00	665.00	
SC771638 - Drain Equip Labor	0.00	0.00	304,200.13	304,200.13	304,200.13	
SC771639 - Drain Equipment	0.00	0.00	35,567.76	35,567.76	35,567.76	
1 > Legal and Financial	2,417,000.00	0.00	179,800.00	179,800.00	179,800.00	2,237,200.00
SC730940 - Insurance	0.00	0.00	179,800.00	179,800.00	179,800.00	
1 > Right of Way	393,000.00	0.00	0.00	0.00	0.00	393,000.00
1 > Standard	130,000.00	28,533.25	630,491.19	630,491.19	630,491.19	(500,491.19)
SC730940 - Insurance	0.00	0.00	241,920.43	241,920.43	241,920.43	
SC731458 - Professional Services	0.00	0.00	990.61	990.61	990.61	
SC731472 - Project Construction and Impr	0.00	28,533.25	387,580.15	387,580.15	387,580.15	
1 > Survey	34,000.00	0.00	0.00	0.00	0.00	34,000.00
(Blank)	34,000.00	0.00	0.00	0.00	0.00	34,000.00
Project Revenues	0.00	0.00	46,039,857.01	(46,039,857.01)	46,039,857.01	
RC605572 - Special Assessments Revenue	0.00	0.00	4,202,235.00	(4,202,235.00)	4,202,235.00	
RC697551 - Issuance of Bonds	0.00	0.00	41,837,622.01	(41,837,622.01)	41,837,622.01	
Revenue Over/ (Under) Expenses					15,066,091.72	

OCM Project Work In Progress

Company Oakland County
Projects and Project Hierarchies PRJ-13252 OMID Segment 5
Budget Structure Project Task
Period FY2022 - Aug

Project	Actuals MTD	Actuals YTD	Total Spend YTD	Actuals LTD
Project Expenses	0.00	757,136.57	757,136.57	757,136.57
1 > Administration	0.00	242,201.57	242,201.57	242,201.57
SC730177 - Bond Issuing Cost	0.00	242,201.57	242,201.57	242,201.57
1 > Legal and Financial	0.00	514,935.00	514,935.00	514,935.00
SC730177 - Bond Issuing Cost	0.00	514,935.00	514,935.00	514,935.00
Project Revenues	(9,112.62)	2,239,707.58	(2,239,707.58)	2,239,707.58
RC605572 - Special Assessments Revenue	0.00	108,835.74	(108,835.74)	108,835.74
RC655077 - Accrued Interest Adjustments	(29,522.56)	(190,971.60)	190,971.60	(190,971.60)
RC655385 - Income from Investments	20,409.94	834,628.56	(834,628.56)	834,628.56
RC670513 - Prior Years Revenue	0.00	402,211.79	(402,211.79)	402,211.79
RC697219 - Premiums on Bonds Sold	0.00	7,672,724.75	(7,672,724.75)	7,672,724.75
RC697551 - Issuance of Bonds	0.00	(6,587,721.66)	6,587,721.66	(6,587,721.66)
Revenue Over/ (Under) Expenses				1,482,571.01

OAKLAND MACOMB INTERCEPTOR DRAINAGE BOARD - APPROVAL OF INVOICES/REIMBURSEMENTS

OMI DD Meeting Date 9/21/2022

Payable To	Invoice #	84917	84917	82912	Total
		1-3308	1-3309		
		<u>Segment 5 NIEA Construction</u>	<u>Segment 5 NESPS Mech / Electric Construction</u>	<u>Operations & Maintenance</u>	
Oakland County *	WRC Labor/Fringes/Non-direct Labor (7/16/22 - 08/26/22)	5,855.32	8,953.37		\$14,808.69
Oakland County *	WRC Equipment (7/16/22 - 08/26/22)	150.47	295.96		\$446.43
Applied Science, Inc	Invoice # 43 (ASI Inv. #8222) Services 07/31/22 to 09/03/22		108,801.84		\$108,801.84
CH2M - LG Design	Invoice # 705773CH040 Services 05/28/22 - 08/26/22			3,396.95	\$3,396.95
Clark Hill PLC	Invoice # 1220371 Matter 438991 Services Through 06/30/2022			1,479.00	\$1,479.00
Clark Hill PLC	Invoice # 1230903 Matter 438991 Services Through 07/31/2022			1,147.50	\$1,147.50
Clark Hill PLC	Invoice # 1231002 Matter 424741 Services Through 07/31/2022			5,184.00	\$5,184.00
Clark Hill PLC	Invoice # 1231003 Matter 404547 Services Through 07/31/2022	270.00			\$270.00
Clark Hill PLC	Invoice # 1233162 Matter 404547 Services Ice Miller	7,016.00			\$7,016.00
CSM Mechanical, LLC	Invoice # 210MIDD014 Annual Strainer Cleaning Invoice Date 12/07/2021			455.00	\$455.00
Dickinson Wright PLLC	Invoice # 1703947 Matter 012840-00451 Service through 05/31/2022			1,327.50	\$1,327.50
Dickinson Wright PLLC	Invoice # 1724822 Matter 012840-00436 Service through 07/31/2022			553.00	\$553.00
Dickinson Wright PLLC	Invoice # 1724824 Matter 012840-00451 Service through 07/31/2022			1,142.60	\$1,142.60
East Jordan Iron Works Inc.	Invoice # 110220061418 Manhole Covers (5)			1,021.05	\$1,021.05
HESCO	Invoice # 2213832 OMIDD Flow Control Structures			4,523.00	\$4,523.00
HESCO	Invoice # 2213847 Preventative Maintenance 08/12/2022			3,788.00	\$3,788.00
HESCO	Invoice # 2213848 Preventative Maintenance 08/12/2022			2,220.00	\$2,220.00
International Transmission Company	Invoice # Easment APP - ITC Holdings (Easement Preparation Docs)			500.00	\$500.00
Jaobs Consultants, Inc.	Invoice # C6A19900-03 OMIDD Odor & Corrosion Facilities 6/25/22 - 7/29/22			57,841.64	\$57,841.64
Kenedy Industries	Invoice # 626222 - NESPS Field Service 07/08/21			4,798.59	\$4,798.59
Kenedy Industries	Invoice # 626438 - NESPS Field Service 07/15/21			2,608.30	\$2,608.30
Kenedy Industries	Invoice # 627423 - NESPS Field Service 09/20/21			913.00	\$913.00
Kenedy Industries	Invoice # 627546 - NESPS Field Service 09/23/21			402.50	\$402.50
Kenedy Industries	Invoice # 629779 - NESPS Field Service 01/27/22			1,089.00	\$1,089.00
Konecranes	Invoice # 154711993 CraneService 08/03/2022			4,150.00	\$4,150.00
METCO	Invoice # 1811-44 08/01/2022 Through 08/28/22			76,346.93	\$76,346.93
Motor City Electric Technologies	Invoice # 94624 NESP SCADA Cut Over Service Date 07/08/22			90.00	\$90.00
Motor City Electric Technologies	Invoice # 94625 NESP SCADA Cut Over Service Date 07/27/22			90.00	\$90.00
NTH Consultants	Invoice # 630565 Engineering Design NI-EA PCI-4 Through 08/26/2022	1,735.44			\$1,735.44
NTH Consultants	Invoice # 630567 (D-425) Engineering Svices Through 08/26/2022	86,964.76			\$86,964.76
NTH Consultants	Invoice # 630570 (D-421) Engineering Design NESPS Through 08/26/2022		2,601.99		\$2,601.99
NTH Consultants	Invoice # 630571 2021 OMIDD System Inspection Through 08/26/2022			2,102.54	\$2,102.54
NTH Consultants	Invoice # 630572 NESPS Close-Out & Maintenance Tasks Through 08/26/2022			229.08	\$229.08
NTH Consultants	Invoice # 630573 Engineering Work D 439 & NESPS Maintenance Through 08/26/2022			2,916.82	\$2,916.82
PM Technologies	Invoice # 63543133 NESPS Generator 1 repair 08/01/22			675.22	\$675.22
PM Technologies	Invoice # 63543149 NESPS Generator 2 repair 08/02/22			1,050.00	\$1,050.00
PM Technologies	Invoice # 63551141 NESPS Generator 1 repair 08/02/22			1,050.00	\$1,050.00
PM Technologies	Invoice # 63551332 NESPS Generator 3 repair 08/02/22			1,050.00	\$1,050.00
PM Technologies	Invoice # 63895473 NESPS Generator 1 repair 08/03/22			595.00	\$595.00
PMA Consultants	Invoice # 03559.01 - 26 Professional Services Through 07/31/22	13,136.04			\$13,136.04
	Total Invoices/Reimbursements for Approval	\$115,128.03	\$120,653.16	\$184,736.22	\$420,517.41
	* Less WRC Charges already paid from OMI Fund	(6,005.79)	(9,249.33)	0.00	(15,255.12)
	Total Invoices/Reimbursements that will impact Cash Balance listed on Current Trial Balance submitted to OMI Drain Board	\$109,122.24	\$111,403.83	\$184,736.22	\$405,262.29

Agenda Item No. 10

Invoices

OMI Segment 5 NESP Mech - Elect Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 07/16/2022 - 08/26/2022									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
1094849	7/18/2022	7/15/2022	BROWN, JOEL	2.00	250.90	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	7/18/2022	7/6/2022	BROWN, JOEL	2.50	313.63	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	7/18/2022	7/7/2022	BROWN, JOEL	2.00	250.90	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	7/18/2022	7/8/2022	BROWN, JOEL	1.00	125.45	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	7/18/2022	7/11/2022	BROWN, JOEL	3.50	439.08	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	7/18/2022	7/12/2022	BROWN, JOEL	2.50	313.63	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	7/18/2022	7/13/2022	BROWN, JOEL	2.00	250.90	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	7/18/2022	7/14/2022	BROWN, JOEL	3.00	376.35	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	7/18/2022	7/15/2022	BROWN, JOEL	2.50	313.63	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	8/26/2022	7/20/2022	BROWN, JOEL	2.00	250.90	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	8/26/2022	7/25/2022	BROWN, JOEL	1.00	125.45	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	8/26/2022	7/26/2022	BROWN, JOEL	1.00	125.45	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	8/26/2022	7/28/2022	BROWN, JOEL	3.50	439.08	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	8/26/2022	7/29/2022	BROWN, JOEL	1.00	125.45	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	8/26/2022	8/9/2022	BROWN, JOEL	2.50	313.63	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	8/26/2022	8/10/2022	BROWN, JOEL	1.00	125.45	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	8/26/2022	8/11/2022	BROWN, JOEL	2.00	250.90	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	8/26/2022	8/15/2022	BROWN, JOEL	1.50	188.18	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	8/26/2022	8/16/2022	BROWN, JOEL	2.50	313.63	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	8/26/2022	8/17/2022	BROWN, JOEL	2.50	313.63	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	8/26/2022	8/18/2022	BROWN, JOEL	3.50	439.08	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	8/26/2022	8/19/2022	BROWN, JOEL	2.00	250.90	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	8/26/2022	8/23/2022	BROWN, JOEL	3.50	439.08	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	8/26/2022	8/24/2022	BROWN, JOEL	1.50	188.18	REGULAR	WRCCON	PRJ-13309	ENGINEERING
1094849	8/26/2022	8/25/2022	BROWN, JOEL	3.50	439.08	REGULAR	WRCCON	PRJ-13309	ENGINEERING
			BROWN, JOEL Total		6,962.54				
1094845	7/27/2022	7/26/2022	CARLEY, JOSEPH	1.00	81.65	REGULAR	WRCCDM	PRJ-13309	INSPECTION
			CARLEY, JOSEPH Total		81.65				
1094849	7/29/2022	7/18/2022	LOCKHART, SIDNEY	2.00	272.74	REGULAR	WRCADM	PRJ-13309	ENGINEERING
1094849	7/29/2022	7/19/2022	LOCKHART, SIDNEY	2.00	272.74	REGULAR	WRCADM	PRJ-13309	ENGINEERING
1094849	7/29/2022	7/20/2022	LOCKHART, SIDNEY	1.00	136.37	REGULAR	WRCADM	PRJ-13309	ENGINEERING
1094849	7/29/2022	7/21/2022	LOCKHART, SIDNEY	1.00	136.37	REGULAR	WRCADM	PRJ-13309	ENGINEERING
1094849	7/29/2022	7/25/2022	LOCKHART, SIDNEY	3.00	409.11	REGULAR	WRCADM	PRJ-13309	ENGINEERING
1094849	7/29/2022	7/26/2022	LOCKHART, SIDNEY	2.00	272.74	REGULAR	WRCADM	PRJ-13309	ENGINEERING
1094849	7/29/2022	7/27/2022	LOCKHART, SIDNEY	1.00	136.37	REGULAR	WRCADM	PRJ-13309	ENGINEERING
1094849	8/12/2022	8/9/2022	LOCKHART, SIDNEY	1.00	136.37	REGULAR	WRCADM	PRJ-13309	ENGINEERING
1094849	8/12/2022	8/10/2022	LOCKHART, SIDNEY	1.00	136.37	REGULAR	WRCADM	PRJ-13309	ENGINEERING
			LOCKHART, SIDNEY Total		1,909.18				
			Grand Total		8,953.37				

1094845	7/27/2022	7/26/2022	CARLEY, JOSEPH	1.00	0.40	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1094845	7/27/2022	7/26/2022	CARLEY, JOSEPH	1.00	2.34	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1094845	7/27/2022	7/26/2022	CARLEY, JOSEPH	1.00	5.69	ASSIGNED	1/2 Ton Pick-up	PRJ-13309	INSPECTION
			CARLEY, JOSEPH Total		8.43				
1094849	7/29/2022	7/18/2022	LOCKHART, SIDNEY	2.00	0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	7/29/2022	7/18/2022	LOCKHART, SIDNEY	2.00	4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	7/29/2022	7/18/2022	LOCKHART, SIDNEY	2.00	11.38	ASSIGNED	Blazer/Suburbans	PRJ-13309	ENGINEERING
1094849	7/29/2022	7/18/2022	LOCKHART, SIDNEY	2.00	0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	7/29/2022	7/19/2022	LOCKHART, SIDNEY	2.00	4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	7/29/2022	7/19/2022	LOCKHART, SIDNEY	2.00	11.38	ASSIGNED	Blazer/Suburbans	PRJ-13309	ENGINEERING
1094849	7/29/2022	7/19/2022	LOCKHART, SIDNEY	2.00	0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	7/29/2022	7/19/2022	LOCKHART, SIDNEY	2.00	0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	7/29/2022	7/20/2022	LOCKHART, SIDNEY	1.00	5.69	ASSIGNED	Blazer/Suburbans	PRJ-13309	ENGINEERING
1094849	7/29/2022	7/20/2022	LOCKHART, SIDNEY	1.00	0.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	7/29/2022	7/20/2022	LOCKHART, SIDNEY	1.00	0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	7/29/2022	7/20/2022	LOCKHART, SIDNEY	1.00	2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	7/29/2022	7/21/2022	LOCKHART, SIDNEY	1.00	5.69	ASSIGNED	Blazer/Suburbans	PRJ-13309	ENGINEERING
1094849	7/29/2022	7/21/2022	LOCKHART, SIDNEY	1.00	0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	7/29/2022	7/21/2022	LOCKHART, SIDNEY	1.00	2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	7/29/2022	7/21/2022	LOCKHART, SIDNEY	1.00	0.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	7/29/2022	7/25/2022	LOCKHART, SIDNEY	3.00	1.20	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	7/29/2022	7/25/2022	LOCKHART, SIDNEY	3.00	7.02	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	7/29/2022	7/25/2022	LOCKHART, SIDNEY	3.00	17.07	ASSIGNED	Blazer/Suburbans	PRJ-13309	ENGINEERING
1094849	7/29/2022	7/25/2022	LOCKHART, SIDNEY	3.00	0.75	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	7/29/2022	7/26/2022	LOCKHART, SIDNEY	2.00	0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	7/29/2022	7/26/2022	LOCKHART, SIDNEY	2.00	4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	7/29/2022	7/26/2022	LOCKHART, SIDNEY	2.00	11.38	ASSIGNED	Blazer/Suburbans	PRJ-13309	ENGINEERING
1094849	7/29/2022	7/26/2022	LOCKHART, SIDNEY	2.00	0.50	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	7/29/2022	7/27/2022	LOCKHART, SIDNEY	1.00	0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	7/29/2022	7/27/2022	LOCKHART, SIDNEY	1.00	2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	7/29/2022	7/27/2022	LOCKHART, SIDNEY	1.00	5.69	ASSIGNED	Blazer/Suburbans	PRJ-13309	ENGINEERING
1094849	7/29/2022	7/27/2022	LOCKHART, SIDNEY	1.00	0.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	8/12/2022	8/9/2022	LOCKHART, SIDNEY	1.00	0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	8/12/2022	8/9/2022	LOCKHART, SIDNEY	1.00	0.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	8/12/2022	8/9/2022	LOCKHART, SIDNEY	1.00	2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	8/12/2022	8/9/2022	LOCKHART, SIDNEY	1.00	5.69	ASSIGNED	Blazer/Suburbans	PRJ-13309	ENGINEERING
1094849	8/12/2022	8/10/2022	LOCKHART, SIDNEY	1.00	0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1094849	8/12/2022	8/10/2022	LOCKHART, SIDNEY	1.00	0.25	ASSIGNED	Tablet/iPad	PRJ-13309	ENGINEERING
1094849	8/12/2022	8/10/2022	LOCKHART, SIDNEY	1.00	2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1094849	8/12/2022	8/10/2022	LOCKHART, SIDNEY	1.00	5.69	ASSIGNED	Blazer/Suburbans	PRJ-13309	ENGINEERING
			LOCKHART, SIDNEY Total		121.52				
			Grand Total		295.96				

OMI Segment 5 NI-EA Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 07/16/2022 - 08/26/2022									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
1094815	07/18/22	07/05/22	BROWN, JOEL	2.5	313.63	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	07/18/22	07/07/22	BROWN, JOEL	1.5	188.18	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	07/18/22	07/08/22	BROWN, JOEL	1	125.45	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	07/18/22	07/11/22	BROWN, JOEL	3.5	439.08	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	07/18/22	07/12/22	BROWN, JOEL	2	250.90	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	07/18/22	07/13/22	BROWN, JOEL	1.5	188.18	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	07/18/22	07/14/22	BROWN, JOEL	2	250.90	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	08/26/22	07/20/22	BROWN, JOEL	2	250.90	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	08/26/22	07/25/22	BROWN, JOEL	2	250.90	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	08/26/22	07/26/22	BROWN, JOEL	1	125.45	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	08/26/22	07/28/22	BROWN, JOEL	1	125.45	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	08/26/22	07/29/22	BROWN, JOEL	2	250.90	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	08/26/22	08/09/22	BROWN, JOEL	2.5	313.63	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	08/26/22	08/10/22	BROWN, JOEL	1	125.45	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	08/26/22	08/11/22	BROWN, JOEL	2	250.90	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	08/26/22	08/15/22	BROWN, JOEL	1	125.45	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	08/26/22	08/16/22	BROWN, JOEL	2.5	313.63	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	08/26/22	08/17/22	BROWN, JOEL	2.5	313.63	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	08/26/22	08/18/22	BROWN, JOEL	1.5	188.18	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	08/26/22	08/19/22	BROWN, JOEL	2	250.90	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	08/26/22	08/23/22	BROWN, JOEL	2.5	313.63	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	08/26/22	08/24/22	BROWN, JOEL	1.5	188.18	REGULAR	WRCCON	PRJ-13308	ENGINEERING
1094815	08/26/22	08/25/22	BROWN, JOEL	3.5	439.08	REGULAR	WRCCON	PRJ-13308	ENGINEERING
			BROWN, JOEL Total		5,582.58				
1094815	08/12/22	08/09/22	LOCKHART, SIDNEY	1	136.37	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1094815	08/12/22	08/10/22	LOCKHART, SIDNEY	1	136.37	REGULAR	WRCADM	PRJ-13308	ENGINEERING
			LOCKHART, SIDNEY Total		272.74				
			Grand Total		5,855.32				

OMI Segment 5 NI-EA Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 07/16/2022 - 08/26/2022

WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
1094815	07/18/22	07/05/22	BROWN, JOEL	2.5	0.63	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	07/18/22	07/05/22	BROWN, JOEL	2.5	1.00	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	07/18/22	07/05/22	BROWN, JOEL	2.5	5.85	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	07/18/22	07/07/22	BROWN, JOEL	1.5	0.60	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	07/18/22	07/07/22	BROWN, JOEL	1.5	3.51	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	07/18/22	07/07/22	BROWN, JOEL	1.5	0.38	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	07/18/22	07/08/22	BROWN, JOEL	1	0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	07/18/22	07/08/22	BROWN, JOEL	1	0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	07/18/22	07/08/22	BROWN, JOEL	1	2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	07/18/22	07/11/22	BROWN, JOEL	3.5	8.19	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	07/18/22	07/11/22	BROWN, JOEL	3.5	0.88	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	07/18/22	07/11/22	BROWN, JOEL	3.5	1.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	07/18/22	07/12/22	BROWN, JOEL	2	0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	07/18/22	07/12/22	BROWN, JOEL	2	4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	07/18/22	07/12/22	BROWN, JOEL	2	0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	07/18/22	07/13/22	BROWN, JOEL	1.5	0.60	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	07/18/22	07/13/22	BROWN, JOEL	1.5	3.51	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	07/18/22	07/13/22	BROWN, JOEL	1.5	0.38	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	07/18/22	07/14/22	BROWN, JOEL	2	0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	07/18/22	07/14/22	BROWN, JOEL	2	4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	07/18/22	07/14/22	BROWN, JOEL	2	0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	08/26/22	07/20/22	BROWN, JOEL	2	4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	08/26/22	07/20/22	BROWN, JOEL	2	0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	08/26/22	07/20/22	BROWN, JOEL	2	0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	08/26/22	07/25/22	BROWN, JOEL	2	4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	08/26/22	07/25/22	BROWN, JOEL	2	0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	08/26/22	07/25/22	BROWN, JOEL	2	0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	08/26/22	07/26/22	BROWN, JOEL	1	2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	08/26/22	07/26/22	BROWN, JOEL	1	0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	08/26/22	07/26/22	BROWN, JOEL	1	0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	08/26/22	07/28/22	BROWN, JOEL	1	2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	08/26/22	07/28/22	BROWN, JOEL	1	0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	08/26/22	07/28/22	BROWN, JOEL	1	0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	08/26/22	07/29/22	BROWN, JOEL	2	4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	08/26/22	07/29/22	BROWN, JOEL	2	0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	08/26/22	07/29/22	BROWN, JOEL	2	0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	08/26/22	08/09/22	BROWN, JOEL	2.5	5.85	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	08/26/22	08/09/22	BROWN, JOEL	2.5	1.00	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	08/26/22	08/09/22	BROWN, JOEL	2.5	0.63	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	08/26/22	08/10/22	BROWN, JOEL	1	2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	08/26/22	08/10/22	BROWN, JOEL	1	0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	08/26/22	08/10/22	BROWN, JOEL	1	0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	08/26/22	08/11/22	BROWN, JOEL	2	4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	08/26/22	08/11/22	BROWN, JOEL	2	0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	08/26/22	08/11/22	BROWN, JOEL	2	0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	08/26/22	08/15/22	BROWN, JOEL	1	2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	08/26/22	08/15/22	BROWN, JOEL	1	0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	08/26/22	08/15/22	BROWN, JOEL	1	0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	08/26/22	08/16/22	BROWN, JOEL	2.5	5.85	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	08/26/22	08/16/22	BROWN, JOEL	2.5	1.00	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	08/26/22	08/16/22	BROWN, JOEL	2.5	0.63	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	08/26/22	08/17/22	BROWN, JOEL	2.5	5.85	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	08/26/22	08/17/22	BROWN, JOEL	2.5	1.00	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	08/26/22	08/17/22	BROWN, JOEL	2.5	0.63	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	08/26/22	08/18/22	BROWN, JOEL	1.5	3.51	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	08/26/22	08/18/22	BROWN, JOEL	1.5	0.60	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	08/26/22	08/18/22	BROWN, JOEL	1.5	0.38	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	08/26/22	08/19/22	BROWN, JOEL	2	4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	08/26/22	08/19/22	BROWN, JOEL	2	0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	08/26/22	08/19/22	BROWN, JOEL	2	0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	08/26/22	08/23/22	BROWN, JOEL	2.5	5.85	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	08/26/22	08/23/22	BROWN, JOEL	2.5	1.00	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	08/26/22	08/23/22	BROWN, JOEL	2.5	0.63	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	08/26/22	08/24/22	BROWN, JOEL	1.5	3.51	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	08/26/22	08/24/22	BROWN, JOEL	1.5	0.60	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	08/26/22	08/24/22	BROWN, JOEL	1.5	0.38	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	08/26/22	08/25/22	BROWN, JOEL	3.5	8.19	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	08/26/22	08/25/22	BROWN, JOEL	3.5	1.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	08/26/22	08/25/22	BROWN, JOEL	3.5	0.88	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
			BROWN, JOEL Total		133.11				
1094815	08/12/22	08/09/22	LOCKHART, SIDNEY	1	0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	08/12/22	08/09/22	LOCKHART, SIDNEY	1	0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	08/12/22	08/09/22	LOCKHART, SIDNEY	1	2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	08/12/22	08/09/22	LOCKHART, SIDNEY	1	5.69	ASSIGNED	Blazer/Suburbans	PRJ-13308	ENGINEERING
1094815	08/12/22	08/10/22	LOCKHART, SIDNEY	1	0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1094815	08/12/22	08/10/22	LOCKHART, SIDNEY	1	0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ENGINEERING
1094815	08/12/22	08/10/22	LOCKHART, SIDNEY	1	2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1094815	08/12/22	08/10/22	LOCKHART, SIDNEY	1	5.69	ASSIGNED	Blazer/Suburbans	PRJ-13308	ENGINEERING
			LOCKHART, SIDNEY Total		17.36				
			Grand Total		150.47				



Applied Science, Inc.

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

September 7, 2022

Project Invoice #43 (ASI Inv. #8222)

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)

li# 41133 v#352

Invoice Period: 7/31/22-9/3/22

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

Task No.	Task Description	Total This Invoice
2	Design Services for Pump & Electrical Upgrades	
	Total Due This Invoice:	\$ -

Task No.	Task Description	Total This Invoice
3	Additional Special Services	
	Total Due This Invoice:	\$ -

Task No.	Task Description	Total This Invoice
5	Construction Services	
	Total:	\$ 45,020.50
	Subconsultants:	
	NTH Consultants	\$ 33,023.98
	Metco Services	\$ 21,492.00
	FK Engineering:	\$ 4,805.30
	ASI Markup 5%:	\$ 2,966.06
	Total Due This Invoice:	\$ 107,307.84

**82912-149667-730639-
PRJ-17060 engcon**

Task No.	Task Description	Total This Invoice
6	Control Structure Rehab	
	Total:	\$ 1,494.00
	Subconsultants:	
	NTH Consultants	\$ -
	Metco Services	\$ -
	ASI Markup 5%:	\$ -
	Total Due This Invoice:	\$ 1,494.00

JTB 9/9/2022

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

Summary		
	Total Due This Invoice-All Tasks:	\$ 108,801.84
	Previous Amount Invoiced:	\$ 3,337,118.40
	Total Invoiced To-Date	\$ 3,445,920.24
	Original Contract Task Total:	\$ 4,198,380.00
	Additional Budget-Task 5:	\$ 284,076.60
	Additional Budget-Task 6:	\$ 220,326.00
	Current Contract Task Total:	\$ 4,702,782.60
	Amount Remaining:	\$ 1,256,862.36

JTB 9/9/2022



LG Design is a Subsidiary of CH2M Hill Engineers

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

Invoice Contact:
Sandy.Pepper@Jacobs.com

Remit to:

LG Design, Inc.
 Attn: Judy Rives
 1041 East Butler Road
 Greenville, SC. 29607
 Tax ID : 20-0936384

Invoice Date: 9/6/2022
 CH2M HILL Project No. 705773CH
 CH2M HILL Invoice No. 705773CH040
 Sequential Invoice Number: 41

PROFESSIONAL SERVICES RENDERED FOR THE OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT (OMIDD)
BIOTRICKLING FILTER DESIGN AND CONSTRUCTION OVERSIGHT
 This invoice includes labor and expenses for the period:
 From May 28, 2022 through August 26, 2022

**82912 - 6010101 - 149090 - 730639 - 5456 - Ch 21 - v#22147-
 exp. 6/26/23 - li#41407**

9/9/2022

Authorized Amount: \$ 1,272,470.46
 Current Invoice: \$ 3,396.95
 Total Invoiced: \$ 1,264,443.77
 Percent Complete: 99.37%
 Remaining Budget: \$ 8,026.69

Total Amount Due: \$ 3,396.95

Project/Task Number	Description	Total Budget	Previously Invoiced	Current Invoice	Total Invoiced	Percent Spent	Remaining Budget
1	PROJECT MANAGEMENT	\$ 33,527.00	\$ 33,504.07	\$ -	\$ 33,504.07	99.93%	\$ 22.93
2	PRELIMINARY DESIGN	\$ 73,599.00	\$ 73,519.37	\$ -	\$ 73,519.37	99.89%	\$ 79.63
3	FINAL DESIGN	\$ 195,027.00	\$ 195,009.84	\$ -	\$ 195,009.84	99.99%	\$ 17.16
4	BIDDING	\$ 31,841.46	\$ 31,840.94	\$ -	\$ 31,840.94	100.00%	\$ 0.52
5	CONSTRUCTION OBSERVATION	\$ 325,731.16	\$ 325,711.92	\$ -	\$ 325,711.92	99.99%	\$ 19.24
6	REVIEW SUBMITTALS	\$ 85,648.00	\$ 85,581.87	\$ -	\$ 85,581.87	99.92%	\$ 66.13
7	CHANGES & CLAIMS	\$ 17,361.00	\$ 17,274.11	\$ -	\$ 17,274.11	99.50%	\$ 86.89
8	SITE INSPECTION	\$ 31,998.07	\$ 31,975.53	\$ -	\$ 31,975.53	99.93%	\$ 22.54
9	PREPARE O&M MANUAL	\$ 21,715.50	\$ 21,695.78	\$ -	\$ 21,695.78	99.91%	\$ 19.72
10	PROVIDE OPERATING TRAINING	\$ 9,082.00	\$ 9,062.30	\$ -	\$ 9,062.30	99.78%	\$ 19.70
11	ASSIST WITH FACILITY START-UP	\$ 17,129.00	\$ 17,081.46	\$ -	\$ 17,081.46	99.72%	\$ 47.54
12	PREPARE RECORD DRAWINGS	\$ 9,803.00	\$ 9,715.13	\$ -	\$ 9,715.13	99.10%	\$ 87.87
13	WARRANTY & PERFORMANCE REVIEWS	\$ 15,370.00	\$ 15,352.92	\$ -	\$ 15,352.92	99.89%	\$ 17.08
14	PROJECT PLANNING	\$ 25,000.00	\$ 24,997.75	\$ -	\$ 24,997.75	99.99%	\$ 2.25
EX	EXPENSES	\$ 17,175.62	\$ 17,175.62	\$ -	\$ 17,175.62	100.00%	\$ -
SUB.METCO	ELECTRICAL ENGINEERING	\$ 74,194.50	\$ 74,194.50	\$ -	\$ 74,194.50	100.00%	\$ -
SUB.NTH	GEOTECH INVESTIGATION	\$ 262,327.15	\$ 262,327.15	\$ -	\$ 262,327.15	100.00%	\$ -
SUB.SDA	SITE SURVEY	\$ 5,250.00	\$ 5,250.00	\$ -	\$ 5,250.00	100.00%	\$ -
Subtotal:		\$ 1,251,779.46	\$ 1,251,270.26	\$ -	\$ 1,251,270.26	99.96%	\$ 509.20
Allowance		\$ 20,691.00	\$ 9,776.56	\$ 3,396.95	\$ 13,173.51	63.67%	\$ 7,517.49
Total:		\$ 1,272,470.46	\$ 1,261,046.83	\$ 3,396.95	\$ 1,264,443.77	99.37%	\$ 8,026.69

OUTSTANDING INVOICES:

INVOICE DATE	INVOICE #	AMOUNT
Total:		\$ -
Current invoice		\$ 3,396.95
TOTAL DUE:		\$ 3,396.95

Payment term: 30 calendar days (NET)

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

Electronic payment details:

Beneficiary Bank: **Bank of America**
 Account Name: **CH2M HILL Engineers, Inc.**
 Transit for ACH: **111000012**
 Transit for Wires: **026009593**
 Account No (USD): **4451457732**
 SWIFT: **BOFAUS3N**



Invoice date: 9/6/2022
Project Number: 705773CH
Sequential Invoice Number: 41
Invoice Number: 705773CH040

ALLOWANCE

Employee Name	Project Role	Hours	Rate	Bill Amount
Matteo, Jason	Project Manager	10.25	\$ 291.83	\$ 2,991.26
Pepper, Sandra	Project Assistant	3.50	\$ 94.34	\$ 330.19
Wojcik, Barbara	Project Accountant	1.50	\$ 29.00	\$ 43.50
		15.25	Total Labor:	\$ 3,364.95

Description	Bill Amount
Safety Deposit Box	\$ 32.00
Total Expenses:	\$ 32.00

Total Amount This Task: \$ 3,396.95



WRC

RQ # 00007300

PO # 0000

RC # 0000

Steven Korth

Contract No. 5087
Speedtype: 61M8291248
Fund: 82912
Program: 149139
Account: 731661

Aug. 1, 2022

Oakland County Water Resources Commissioner, MI
Attn: Megan Koss, Esq.
One Public Works Drive
Waterford, MI 48328-1907
WRCLegalInvoices@oakgov.com

Invoice: 1220371
Date: 07/12/2022
Client: 30164
Matter: 438991

Matter Name: Bypass Pumping Easement

LEGAL SERVICES RENDERED AND COSTS ADVANCED THROUGH JUNE 30, 2022

Total Fees:	\$	1,479.00
Total Due This Invoice:	\$	1,479.00



Contract No. 5087 Speedtype:
61M8291248 Fund: 82912
Program: 149139 Account: 731661

Oakland County Water Resources Commissioner, MI
Attn: Megan Koss, Esq.
One Public Works Drive
Waterford, MI 48328-1907
WRCLegalInvoices@oakgov.com

Invoice: 1230903
Date: 08/15/2022
Client: 30164
Matter: 438991

Matter Name: Bypass Pumping Easement

LEGAL SERVICES RENDERED AND COSTS ADVANCED THROUGH JULY 31, 2022

Total Fees:	\$	1,147.50
Total Due This Invoice:	\$	1,147.50



**82912 - 6010101 -149030 - 731073 -5113
-v#2788 - exp. 5/15/22**

JL B... 9/9/2022

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

Invoice: 1231002
Date: 08/15/2022
Client: 58434
Matter: 424741

Matter Name: GLWA Model Wastewater Contract

LEGAL SERVICES RENDERED AND COSTS ADVANCED THROUGH JULY 31, 2022

Total Fees:	\$	5,184.00
Total Due This Invoice:	\$	5,184.00



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

Invoice: 1231003
Date: 08/15/2022
Client: 58434
Matter: 404547

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

Matter Name: Northeast Interceptor East Arm Improvements *JL Bm* 9/9/2022

LEGAL SERVICES RENDERED AND COSTS ADVANCED THROUGH JULY 31, 2022

Total Fees:	\$	270.00
Total Due This Invoice:	\$	270.00

August 23, 2022

Oakland – Macomb Interceptor Drain Drainage District
ATTN: Sid Lockhart
1 Public Works Drive
Waterford, MI 48328

INVOICE #1233162
Client: 58434
Matter: 404547

RE: **Northeast Interceptor East Arm Improvements**

For Legal Services rendered in connection with Opinion which included input from ICE MILLER as explained in attached Statements from Ice Miller.

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

Total Services:

\$6,123.50
892.50



9/9/2022

STATEMENTS TOTAL

\$7,016.00

**CSM Mechanical, LLC**1235 Holden Ave.
Milford, MI 48381Phone # (248) 302-2078
Fax # (248) 856-2370

Invoice

Date	Invoice #
12/7/2021	21OMIDD014

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

Ship To

82912 - 6010101 -149090- 730660 - 5817
- Ch. 21- V#15750 li#44348 exp. 9/30/2

JL Ben

9/9/2022

P.O. Number	Terms	Due Date
	Net 60	2/5/2022

Description	Amount
Annual Strainer Cleaning/ Backflow Preventer Certification Labor	380.00
Vehicle/Tool Allowance	75.00
<u>Work Performed/Service Report</u>	
<ul style="list-style-type: none"> • Perform Annual Strainer cleaning • Perform Annual Back-flow Preventer Certification <ul style="list-style-type: none"> - Submit Documents to City of Detroit - City of Detroit to issue official Document of Certification 	
<i>TM-9-8-22</i>	

Total		\$455.00
Payments/Credits		\$0.00
Balance Due		\$455.00

WE ACCEPT MASTER CARD, VISA, AND DISCOVER CARD



INVOICE DATE: JUNE 16, 2022
 INVOICE NO.: 1703947

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

Steven Korth

June 27, 2022

ATTN: Kelsey Cooke

CLIENT/MATTER NO.: 012840-00451

82912-155010-731073

RE: AMICUS BRIEF

PRIVILEGED AND CONFIDENTIAL

FOR PROFESSIONAL SERVICES THROUGH MAY 31, 2022

USD

TOTAL FEES CURRENT INVOICE	\$	1,224.50
TOTAL DISBURSEMENTS CURRENT INVOICE	\$	<u>103.00</u>
TOTAL CURRENT INVOICE	\$	1,327.50

OUTSTANDING INVOICES ON THE MATTER BILLED ON THIS CURRENT INVOICE AS OF JUNE 16, 2022

<u>INVOICE</u>	<u>DATE</u>	<u>BILLED VALUE</u>	<u>PAYMENTS</u>	<u>OUTSTANDING</u>
1696963	05/26/22	15,332.20	(0.00)	<u>15,332.20</u>
TOTAL OUTSTANDING FROM PRIOR INVOICES				\$ 15,332.20
TOTAL AMOUNT DUE				\$ <u>16,659.70</u>

KC 06/24/2022

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



INVOICE DATE: AUGUST 17, 2022
 INVOICE NO.: 1724822

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

ATTN: STEVE KORTH

CLIENT/MATTER NO.: 012840-00436

**82912 - 6010101 - 149030 - 731073 - 5089 -
 Ch. 21 - v# 4978 - li# 39111**

9/9/2022

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

PRIVILEGED AND CONFIDENTIAL

FOR PROFESSIONAL SERVICES THROUGH JULY 31, 2022

USD

TOTAL FEES CURRENT INVOICE	\$	<u>553.00</u>
TOTAL CURRENT INVOICE	\$	553.00

OUTSTANDING INVOICES ON THE MATTER BILLED ON THIS CURRENT INVOICE AS OF AUGUST 17, 2022

<u>INVOICE</u>	<u>DATE</u>	<u>BILLED VALUE</u>	<u>PAYMENTS</u>	<u>OUTSTANDING</u>
1703938	06/16/22	3,002.00	(0.00)	3,002.00 paid 8/22
1715594	07/21/22	1,619.50	(0.00)	<u>1,619.50</u> paid 8/22
TOTAL OUTSTANDING FROM PRIOR INVOICES				\$ 4,621.50
TOTAL AMOUNT DUE				\$ <u>5,174.50</u>

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



INVOICE DATE: AUGUST 17, 2022
 INVOICE NO.: 1724824

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

ATTN: Kelsey Cooke

CLIENT/MATTER NO.: 012840-00451

RE: AMICUS BRIEF

82912-155010-731073

PRIVILEGED AND CONFIDENTIAL

FOR PROFESSIONAL SERVICES THROUGH JULY 31, 2022

USD

TOTAL FEES CURRENT INVOICE	\$	1,106.00
TOTAL DISBURSEMENTS CURRENT INVOICE	\$	<u>36.60</u>
TOTAL CURRENT INVOICE	\$	1,142.60

OUTSTANDING INVOICES ON THE MATTER BILLED ON THIS CURRENT INVOICE AS OF AUGUST 17, 2022

<u>INVOICE</u>	<u>DATE</u>	<u>BILLED VALUE</u>	<u>PAYMENTS</u>	<u>OUTSTANDING</u>	
1703947	06/16/22	1,327.50	(0.00)	<u>1,327.50</u>	Sept. OMD
TOTAL OUTSTANDING FROM PRIOR INVOICES				\$	1,327.50
TOTAL AMOUNT DUE				\$	<u>2,470.10</u>

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

KA 8-24-22 need invoice to supervisor for coding

Invoice

110220061418



ej

EJ USA, Inc.
PO Box 644873
Pittsburgh, PA 15264-4873
800 626 4653

RQ00009920
PO00010178
RC00011201

Invoice Date 08/18/22
Due Date 09/16/22
Order No. 0001581904
Customer No. 20063500
Customer PO RICH COOK
Job Name
Job Number S2

Bill To:

Ship To:

Oakland Co (WRC) San & Swr
Attention Accounts Payable
1 Public Works Drive
Waterford MI 48328

Oakland Co (WRC) San & Swr
1 Public Works Drive
* CALL 30 MINUTES PRIOR TO ARRIVAL
Waterford MI 48328

Tecker

Line	Item No.	Description	Sales Price	Inv. Qty.	Amount																				
10	00100148 DRP50	PRO# Carrier: TMS Integration only 1000C UND HL1 DWSD SW CV 0-50 Mile Drop Charge	204.21	5	1,021.05 75.00																				
<table border="1" style="width: 100%;"> <tr> <td>Fund</td> <td>82912</td> <td>Dept</td> <td>6010101</td> </tr> <tr> <td>Prog</td> <td>149130</td> <td>Acct</td> <td>771639</td> </tr> <tr> <td>Contract #</td> <td>0010000 8506</td> <td>Project</td> <td></td> </tr> <tr> <td>Chap</td> <td>20/21</td> <td>Op Unit</td> <td></td> </tr> <tr> <td>Approver</td> <td colspan="3"><i>[Signature]</i></td> </tr> </table>						Fund	82912	Dept	6010101	Prog	149130	Acct	771639	Contract #	0010000 8506	Project		Chap	20/21	Op Unit		Approver	<i>[Signature]</i>		
Fund	82912	Dept	6010101																						
Prog	149130	Acct	771639																						
Contract #	0010000 8506	Project																							
Chap	20/21	Op Unit																							
Approver	<i>[Signature]</i>																								
<p>In order to ensure accurate application of your payments, please include the invoice number on all check or electronic payment remittance information.</p> <p>For electronic payments, please send all remittance information to:</p> <p>americas.ar@ejco.com.</p>																									

Ordered By:
Oakland Co (WRC) San & Swr
Attention Accounts Payable
1 Public Works Drive
Waterford MI 48328

Payment Terms Net 30 Days
Delivery Terms Ex-Works
Delivery Date 08/18/22
Delivery Ticket 3493198
Delivery Method EJ Truck

Order Total	\$1,021.05
Tax	
Charges	\$75.00

KA 8-29-22 OK to start pay item not on contract

Thank you for your business. We are driven to deliver unparalleled customer service.

Pay this amount:
~~\$1,096.05 USD~~

1021.05

A monthly finance charge will be added to any unpaid balance which is not paid when due. The finance charges are computed by a periodic rate of 1.5% per month (from and after the due date), which is an annual percentage rate of 18% applied to the unpaid balances after deducting payments made before the due dates and or credits. Payments received on account are applied against the amounts first due.

We hereby certify that these goods were produced in compliance with all applicable requirements of Sec. 6, 7, & 12 of the Fair Labor Standards Act, as amended, and of regulations and orders of the United States Department of Labor issued under Sec. 14 thereof.

Current Terms and Conditions are available at ejco.com

Please Remit To:
ACH Payment
PNC Bank
Routing Number: 021052053
Account Number: 45487629
americas.ar@ejco.com

Check Payment
EJ USA, Inc.
PO Box 644873
Pittsburgh, PA 15264-4873



Knowledgeable • Professional • Attentive • Likeable

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

Invoice No. 2213847

Date: 08/31/2022

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

82912 - 149130 - 730660 - 5819 - Ch. 21 - v#3091 -
exp. 6/30/25 - li#42703

9/9/2022

Contract ID: 5819

HESCO Project: 2019807S OMID Flow Control Structures

Contact: Terry Moore P.O.# WO# 00693 CS-7 Salesperson: Kevin Livingston Due Date: 09/30/2022

Description	Unit	Qty	Rate	Amount
8/12/2022 - Preventative Maintenance visit				
Senior Tech	Hours	7.25	195.00	1,413.75
Tech 1	Hours	6.00	185.00	1,110.00
Tech 2	Hours	6.00	175.00	1,050.00
Parts				
Return Filter	Each	1.00	17.25	17.25
Pressure Filter	Each	1.00	69.50	69.50
Nitrogen Charge		1.00	127.50	127.50

Notes:

Preventative Maintenance and Inspection.

TM 8.31.22

Non-Taxable Amount:	3,788.00
Taxable Amount:	0.00
Sales Tax:	0.00
Total Invoice	3,788.00
Payments/Credits:	0.00
Amount Due	3,788.00

HESCO

Knowledgeable • Professional • Attentive • Likeable

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

Invoice No. 2213832

Date: 08/12/2022

**82912 - 149130 - 730660 - 5819 - Ch. 21 -
v#3091 - exp. 6/30/25 - li#42703**

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

JL Pen 9/9/2022

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

Contact: Terry Moore **P.O.#** WO# 00693 CS-8 **Salesperson:** Kevin Livingston **Due Date:** 09/11/2022

Description	Unit	Qty.	Price	Amount
Senior Tech (Saturday Rate)	Hours	6	\$292.50	1,608.75
Tech 1 (Saturday Rate)	Hours	5	\$277.50	1,387.50
Tech 2 (Saturday Rate)	Hours	5	\$262.50	1,312.50
Return Filter	Each	1	\$17.25	17.25
Pressure Filter	Each	1	\$69.50	69.50
Nitrogen Charge		1	\$127.50	127.50

WO 692

TM-8-22-22

W.O. CORRECTION SEE ATTACHED

Non-Taxable Amount:	4,523.00
Taxable Amount:	0.00
Sales Tax:	0.00
Total Invoice	4,523.00
Payments/Credits:	0.00
Amount Due	4,523.00



Knowledgeable • Professional • Attentive • Likeable

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

Invoice No. 2213848

Date: 08/31/2022

82912 - 149130 - 730660 - 5819 - Ch. 21 - v#3091 - exp.
6/30/25 - li#42703

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

9/9/2022

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

Contact: Terry Moore P.O.# WO# 00575 CS-7 Salesperson: Kevin Livingston Due Date: 09/30/2022

Description	Unit	Qty	Rate	Amount
8/12/2022 - Preventative Maintenance visit				
Senior Tech	Hours	4.00	195.00	780.00
Tech 1	Hours	4.00	185.00	740.00
Tech 2	Hours	4.00	175.00	700.00
Parts				
Rod End Limit Switch*	Each	1.00		
Cap End Limit Switch*	Each	1.00		

Notes:

Preventative Maintenance and Inspection.
*Limit Switches were from OMID Stock

TM 9.1.22

*W.O. CORRECTION
SEE ATTACHED*

Non-Taxable Amount:	2,220.00
Taxable Amount:	0.00
Sales Tax:	0.00
Total Invoice	2,220.00
Payments/Credits:	0.00
Amount Due	2,220.00

VOUCHER REQUEST MEMORANDUM

TO: Shawn Phelps
Chief of Fiscal Services

Date: August 24, 2022

FROM: Jeffrey Parrott
Right of Way Unit

RE: OMID SS Eng Gen
FND82912; CCN6010101, PRG149662

PROJECT OR BUDGET

PLEASE PREPARE A VOUCHER IN THE AMOUNT OF \$ 500.00

PAYABLE TO: ITC Holdings Corporation
Attn: Fernando Guevara
27175 Energy Way
Novi, MI 48377

FOR: Grant of Easement Application Fee \$ 500.00

Total \$ 500.00

Parcel 1; Macomb County Tax ID No: 10-35-201-005

ACCOUNT CLASSIFICATION: SC730639

FND82912 - CCN6010101 - PRG149662 - SC730373 (Please note the change to the SC

Sj Phelps

Check to be mailed

Check to be returned to this office

BY: *Jeffrey S. Parrott*
Jeffrey S. Parrott, Right of Way
Supervisor

APPROVED BY: *Joel T. Brown*
Joel T. Brown, P.E., Chief Engineer

c: ROW File

Invoice



Jacobs Consultants, Inc.

Invoice No.: C6A19900-03
 Invoice Date: 8/26/2022
 Jacobs Project No.: C6A19900
 Services From: 6/25/2022
 Services Through: 7/29/2022

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

82912 - 149667- 730639 -1-17059- ENGCONSULT

Attn: Mr. Joel Brown, P.E.

Project Description: OMID Odor and Corrosion Control Facilities

9/9/2022

Task Number	Task Description	Budget Total	Previously Invoiced	Current Invoice	Project to Date	Remaining Budget
Task 1	Additional Investigation/Modeling	\$ 148,364.90	\$ 129,719.71	\$ -	\$ 129,719.71	\$ 18,645.19
Task 2	Basis of Design	\$ 122,605.02	\$ 27,121.43	\$ 33,468.50	\$ 60,589.93	\$ 62,015.09
Task 3	ST-S-3 Vapor-Phase Treatment System - Subtask 3.1 - Design	\$ 235,745.04	\$ 6,747.70	\$ 9,985.06	\$ 16,732.76	\$ 219,012.28
	ST-S-3 Vapor-Phase Treatment System - Subtask 3.2 - Bidding	\$ 17,154.74	\$ -	\$ -	\$ -	\$ 17,154.74
Task 4	CS-6 Pump Station Vapor-Phase System - Subtask 4.1 - Design	\$ 191,218.29	\$ 5,441.96	\$ 8,696.91	\$ 14,138.87	\$ 177,079.42
	CS-6 Pump Station - Vapor-Phase System Subtask 4.2 - Bidding	\$ 15,612.91	\$ -	\$ -	\$ -	\$ 15,612.91
Task 5	CS-8 and ST-S-1 Local Odor Control - Subtask 5.1 - Design	\$ 80,199.91	\$ 2,551.13	\$ 5,691.18	\$ 8,242.31	\$ 71,957.61
	CS-8 and ST-S-1 Local Odor Control - Subtask 5.2 - Bidding	\$ 12,829.09	\$ -	\$ -	\$ -	\$ 12,829.09
	Total	\$ 823,729.90	\$ 171,581.93	\$ 57,841.64	\$ 229,423.57	\$ 594,306.32

Previously Invoiced **\$171,581.93**
 Total This Invoice: **\$57,841.64**
 Total Invoiced To Date: **\$229,423.57**
 Budget Amount: **\$823,729.90**
 Remaining Amount USD: **\$594,306.32**

Outstanding Invoices					
Date	Invoice No.	Invoiced Amount	Paid Date	Paid Amount	Amount Outstanding
6/16/2022	C6A19900-01	\$100,964.56			\$100,964.56
7/5/2022	C6A19900-02	\$70,618.00			\$70,618.00

Signed

 Jason Matteo
 Project Manager

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



KENNEDY
INDUSTRIES

INNOVATE
SOLVE
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INVOICE		
DATE	NUMBER	PAGE
7/15/2021	626222	1 of 1

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

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

82912-6010101-149090-730660-5825-
ch.21-v#239 exp. 6/30/25

T
O
JL *Rm* 9/9/2022

ATTENTION:
TERRY MOORE 313-8297207 TMOORE@METCOSERVICES.COM

CUSTOMER REF/PO #	JOB #	JOB TITLE	SLP	SHIPPING TYPE	TERMS
	0111405	GREAT LAKES WATER AUTHORITY, NEPS #5, FIELD SERVICE, SEWAGE	KES/KTT	FIELD SERVICE	NET 60
QUANTITY		DESCRIPTION			
B/O	Ship				

0.00 16.50 GLWA, NORTHEAST PUMP STATION
KENNEDY INDUSTRIES PROVIDED (2) FIELD SERVICE TECHNICIAN(S) ONSITE ON 07/08/21.
PLEASE SEE THE ATTACHED SERVICE REPORT.

0.00 66.00 SERVICE TRUCK

0.00 1.00 OIL FOR PUMPS

WO 337

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

<small>This invoice is subject to and incorporates by reference Kennedy Industries, Inc.'s ("Kennedy") Terms & Conditions (Rev'd 4/2019) and Customer Warranty available at www.kennedyind.com which will be provided by email upon written request. Buyer expressly agrees to the provisions set forth in the Terms & Conditions and Customer Warranty posted on Kennedy's website</small> *TERMS OF PAYMENT ARE NET 30 DAYS FROM DATE OF INVOICE *A 7% PER ANNUM SERVICE CHARGE SHALL BE APPLIED TO ANY BALANCE *CREDIT CARD PAYMENTS ARE SUBJECT TO AN ADDITIONAL 3% CHARGE	SUBTOTAL:	\$ 4,798.59
	TAX:	\$ 0.00
	TOTAL:	\$ 4,798.59

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

www.KennedyInd.com



KENNEDY
INDUSTRIES

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INVOICE		
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7/28/2021	626438	1 of 1

B OMI100
I OAKLAND MACOMB INTERCEPTOR DRA
L 1 PUBLIC WORKS DR.
L SUBMIT INVOICES TO NEXGEN
T WATERFORD, MI 48328
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S NORTH EAST PUMPING STATION
H 8598 E. STATE FAIR AVE
I DETROIT, MI 48234
P

82912-6010101-149090-730660-5825-
ch.21-v#239 exp. 6/30/25

9/9/2022

ATTENTION:

TERRY MOORE

313-8297207

TMOORE@METCOSERVICES.COM

CUSTOMER REF/PO #	JOB #	JOB TITLE	SLP	SHIPPING TYPE	TERMS
	0111501	NEPS- PUMP #4, FIELD SERVICE, SEWAGE	KES/KTT	FIELD SERVICE	NET 60
QUANTITY		DESCRIPTION			
B/O	Ship				

0.00 10.00 GLWA, NORTHEAST PUMP STATION
KENNEDY INDUSTRIES PROVIDED (2) FIELD SERVICE TECHNICIAN(S) ONSITE ON 07-15-21.
PLEASE SEE THE ATTACHED SERVICE REPORT.

0.00 66.00 SERVICE TRUCK

0.00 1.00 OIL FOR PUMPS

No 348

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

<small>This invoice is subject to and incorporates by reference Kennedy Industries, Inc.'s ("Kennedy") Terms & Conditions (Rev'd 4/2019) and Customer Warranty available at www.kennedyind.com which will be provided by email upon written request. Buyer expressly agrees to the provisions set forth in the Terms & Conditions and Customer Warranty posted on Kennedy's website</small> *TERMS OF PAYMENT ARE NET 30 DAYS FROM DATE OF INVOICE *A 7% PER ANNUM SERVICE CHARGE SHALL BE APPLIED TO ANY BALANCE *CREDIT CARD PAYMENTS ARE SUBJECT TO AN ADDITIONAL 3% CHARGE	SUBTOTAL:	\$ 2,608.30
	TAX:	\$ 0.00
	TOTAL:	\$ 2,608.30

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

www.KennedyInd.com



KENNEDY
INDUSTRIES

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B OMI100
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L SUBMIT INVOICES TO NEXGEN
T WATERFORD, MI 48328
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S NORTH EAST PUMPING STATION
H 8598 E. STATE FAIR AVE
I DETROIT, MI 48234
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82912-6010101-149090-730660-5825-
ch.21-v#239 exp. 6/30/25 *JL*

9/9/2022

ATTENTION:

TERRY MOORE

313-8297207

TMOORE@METCOSERVICES.COM

CUSTOMER REF/PO #	JOB #	JOB TITLE	SLP	SHIPPING TYPE	TERMS
	0105960	NORTHEAST PUMP STATION, FIELD SERVICE, SANITARY	KES/PM	FIELD SERVICE	NET 60
QUANTITY		DESCRIPTION			
B/O	Ship				

0.00 8.00 GLWA, NORTHEAST PUMP STATION
KENNEDY INDUSTRIES PROVIDED (2) FIELD SERVICE TECHNICIAN(S) ONSITE ON 9/20/2021.
PLEASE SEE THE ATTACHED SERVICE REPORT.

0.00 1.00 SERVICE TRUCK

WO 394

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

<p>This invoice is subject to and incorporates by reference Kennedy Industries, Inc.'s ("Kennedy") Terms & Conditions (Rev'd 4/2019) and Customer Warranty available at www.kennedyind.com which will be provided by email upon written request. Buyer expressly agrees to the provisions set forth in the Terms & Conditions and Customer Warranty posted on Kennedy's website</p> <p>*TERMS OF PAYMENT ARE NET 30 DAYS FROM DATE OF INVOICE *A 7% PER ANNUM SERVICE CHARGE SHALL BE APPLIED TO ANY BALANCE *CREDIT CARD PAYMENTS ARE SUBJECT TO AN ADDITIONAL 3% CHARGE</p>	SUBTOTAL:	\$ 913.00
	TAX:	\$ 0.00
	TOTAL:	\$ 913.00

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

www.KennedyInd.com



KENNEDY
INDUSTRIES

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MONITOR
REPAIR

INVOICE		
DATE	NUMBER	PAGE
9/28/2021	627564	1 of 1

B GRE550
I GREAT LAKES WATER AUTHORITY
L ACCOUNTSPAYABLE@GLWATER.ORG
L DETROIT, MI 48244
T
O

S NORTHEAST WATER PLANT
H 11000 EAST 8 MILE ROAD
I DETROIT, MI 48205
P
T
O

**82912-6010101-149090-730660-5825-
ch.21-v#239 exp. 6/30/25**

9/9/2022

ATTENTION:

accountspayable@glwater.org

CUSTOMER REF/PO #	JOB #	JOB TITLE	SLP	SHIPPING TYPE	TERMS
	0112760	NORTH EAST PUMPING STATION, FIELD SERVICE, SANITARY	KES/CAW	FIELD SERVICE	NET 30
QUANTITY		DESCRIPTION			
B/O	Ship				

0.00 3.50 GLWA, NORTHEAST PUMP STATION
KENNEDY INDUSTRIES PROVIDED (1) FIELD SERVICE TECHNICIAN(S) ONSITE ON 9/23/2021.
PLEASE SEE THE ATTACHED SERVICE REPORT.

0.00 1.00 SERVICE TRUCK

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

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

SUBTOTAL: \$ 402.50

TAX: \$ 0.00

TOTAL: \$ 402.50

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

www.KennedyInd.com

INVOICE		
DATE	NUMBER	PAGE
2/22/2022	629779	1 of 1

B OMI100
I OAKLAND MACOMB INTERCEPTOR DRA
L 1 PUBLIC WORKS DR.
L SUBMIT INVOICES TO NEXGEN
T WATERFORD, MI 48328
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S NORTH EAST PUMPING STATION
H 8598 E. STATE FAIR AVE
I DETROIT, MI 48234
P

82912-6010101-149090-730660-5825-
ch.21-v#239 exp. 6/30/25

JL B...

9/9/2022

ATTENTION:

TERRY MOORE

313-8297207

TMOORE@METCOSERVICES.COM

CUSTOMER REF/PO #	JOB #	JOB TITLE	SLP	SHIPPING TYPE	TERMS
	0105960	NORTHEAST PUMP STATION, FIELD SERVICE, SANITARY	KES/PM	FIELD SERVICE	NET 60
QUANTITY		DESCRIPTION			
B/O	Ship				

0.00 9.00 GLWA, NORTHEAST PUMP STATION
KENNEDY INDUSTRIES PROVIDED (2) FIELD SERVICE TECHNICIAN(S) ONSITE ON 1/27/2022.
PLEASE SEE THE ATTACHED SERVICE REPORT.

0.00 1.00 SERVICE TRUCK

WO 493

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

<p>This invoice is subject to and incorporates by reference Kennedy Industries, Inc.'s ("Kennedy") Terms & Conditions (Rev'd 4/2019) and Customer Warranty available at www.kennedyind.com which will be provided by email upon written request. Buyer expressly agrees to the provisions set forth in the Terms & Conditions and Customer Warranty posted on Kennedy's website</p> <p>*TERMS OF PAYMENT ARE NET 30 DAYS FROM DATE OF INVOICE *A 7% PER ANNUM SERVICE CHARGE SHALL BE APPLIED TO ANY BALANCE *CREDIT CARD PAYMENTS ARE SUBJECT TO AN ADDITIONAL 3% CHARGE</p>	SUBTOTAL:	\$ 1,089.00
	TAX:	\$ 0.00
	TOTAL:	\$ 1,089.00

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

www.KennedyInd.com

Invoice

Delivery Address	Information
OMIDDD / Great Lakes Water Authority 111001 E State Fair St Detroit MI 48234	Document No. 154711993 Document Date 08/18/2022 Customer PO Contract 5820 Customer Contact Joel Brown Customer No. 1816160
Invoice Address	Terms of Payment / Delivery
Oakland Macomb Interceptor Drain Drainage District Acct: 730660 1 Public Works Drive Fund: 82912 Program: 149090 Waterford MI 48328-1907	Terms of Delivery FCA PLANT OF ORIGIN Terms of Payment 15 days net Due Date 09/02/2022

Invoice Details				
Provided labor and equipment to disassemble gearcase to realign output shaft as best as possible and replace gearcase oil. Was not able to replace shaft seal on Pumphouse - 25T Dresser because brake hub could not be removed.				
Thank you for your business!				
Item	Material Description	Quantity	Unit price USD	Value USD
Service Request Num & Delivery Date: 1-95567539768 / 0157563266 / 08/03/2022				
10	Crane Service	1 EA	4,150.00 / EA	4,150.00
	Disassembled gearcase, realigned output shaft as best as possible, and replaced oil. Was not able to replace seal as brake hub could not be removed with 10 tons of pressure and heat applied. Did not apply more pressure to avoid possible damage.			
	Invoice Value			4,150.00
	Sales Tax	82912 - 6010101 - 149090 - 730660 - 5820 - ch 21 v#22875		0.00
	Invoice Total	- exp. 6/28/ 3		4,150.00
		<i>Joel Brown</i>	9/9/2022	
		<i>T.M.</i>	8-18-22	

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

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

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



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

INVOICE NO. 1811-44

DATE: September 1, 2022

METCO PROJECT NO. 1811

INVOICE PERIOD: 8/1 thru 8/28/2022

Contract ID 00000000000000000000517

Vendor ID 000020486

TO: OMIDD

Water Resources Commissioner
One Public Works Drive
Waterford, MI 48328

Attn: Mr. Sid Lockhart, PE
Deputy Chief Engineer/Special Projects Manager

TITLE: OMID & NESPS Operation and Maintenance

Operational Plan

OMID Operations - Fund 82912, Program 149130, Account 730373 (3.1-3.4A & 3.4B) JTB 9/9/2022

Name	Title	Hrs.	Rate/Hr.	Amount
Raj Vijayendran, PE	Principal Engineer	0.0	\$ 215.00	\$ -
Terry Moore	Operations Manager	40.0	\$ 145.00	\$ 5,800.00
Terry Moore	Operations Manager (Overtim	5.0	\$ 195.00	\$ 975.00
Darrin Green	Staff Engineer	38.0	\$ 90.00	\$ 3,420.00
Darrin Green	Staff Engineer-(Overtime)	8.0	\$ 135.00	\$ 1,080.00
Anthony Vozza	Staff Engineer	65.0	\$ 90.00	\$ 5,850.00
Anthony Vozza	Staff Engineer-(Overtime)	3.0	\$ 135.00	\$ 405.00
Rosana Santos	Administrative Assoc.	0.0	\$ 73.79	\$ -
Subtotal OMID Operatons:				\$ 17,530.00

605.0

NEPS Operations - Fund 82912, Program 149090, Account 730373 (3.1-3.4A & 3.4B) JTB 9/9/2022

Name	Title	Hrs.	Rate/Hr.	Amount
Raj Vijayendran, PE	Principal Engineer	8.0	\$ 215.00	\$ 1,720.00
Terry Moore	Operations Manager	40.0	\$ 145.00	\$ 5,800.00
Terry Moore	Operations Manager (Overtim	8.0	\$ 195.00	\$ 1,560.00
Darrin Green	Staff Engineer	41.0	\$ 90.00	\$ 3,690.00
Darrin Green	Staff Engineer-(Overtime)	0.0	\$ 135.00	\$ -
Anthony Vozza	Staff Engineer	0.0	\$ 90.00	\$ -
Anthony Vozza	Staff Engineer-(Overtime)	0.0	\$ 135.00	\$ -
Rosana Santos	Administrative Assoc.	4.0	\$ 73.79	\$ 295.16
Subtotal NEPS Operations				\$ 13,065.16

Subtotal Operations \$ 30,595.16

Maintenance & Asset Management

OMID Maintenance - Fund 82912, Program 149130, Account 730646 (3.2-3.3-3.4C & ALLOWANCE) JTB 9/9/2022

Name	Title	Hrs.	Rate/Hr.	Amount
Terry Moore	Operations Manager	40.0	\$ 145.00	\$ 5,800.00
Terry Moore	Operations Manager (Overtim	0.0	\$ 195.00	\$ -
Anthony Vozza	Staff Engineer	0.0	\$ 90.00	\$ -
Darrin Green	Staff Engineer	0.0	\$ 90.00	\$ -
Subtotal OMID Maintenance:				\$ 5,800.00

NEPS Maintenance - Fund 82912, Program 149090, Account 730646 (3.2-3.3-3.4C & ALLOWANCE) JTB 9/9/2022

Name	Title	Hrs.	Rate/Hr.	Amount
Raj Vijayendran, PE	Principal Engineer	8.0	\$ 215.00	\$ 1,720.00
Terry Moore	Operations Manager	40.0	\$ 145.00	\$ 5,800.00
Terry Moore	Operations Manager (Overtim	4.0	\$ 195.00	\$ 780.00
Daniel Martel	Sr. Project Coordinator	0.0	\$ 145.00	\$ -
Sean Grant	Sr. Project Engineer	0.0	\$ 145.00	\$ -

Travis Ford	Sr. Project Engineer	0.0	\$	145.00	\$	-
Shailesh Patel	Sr. Project Engineer	0.0	\$	145.00	\$	-
Darrin Green	Staff Engineer	41.0	\$	90.00	\$	3,690.00
Darrin Green	Staff Engineer-(Overtime)	0.0	\$	135.00	\$	-
Anthony Vozza	Staff Engineer	65.0	\$	90.00	\$	5,850.00
Anthony Vozza	Staff Engineer-(Overtime)	20.0	\$	135.00	\$	2,700.00
Brandon Brochue	Designer/Drafter	0.0	\$	85.00	\$	-
Subtotal:					\$	20,540.00
Maintenance Services (see attached invoices):					\$	7,156.77
Subtotal NEPS Maintenance:					\$	27,696.77
Subtotal Maintenance:					\$	33,496.77

NEPS Maintenance – Fund 82912, Program 149090, Account 730646 (Under NEXGEN ALLOWANCE)

JTB 9/9/2022

<u>Name</u>	<u>Title</u>	<u>Hrs.</u>		<u>Rate/Hr.</u>		<u>Amount</u>
Raj Vijayendran, PE	Principal Engineer	0.0	\$	215.00	\$	-
Terry Moore	Operations Manager	0.0	\$	145.00	\$	-
Terry Moore	Operations Manager (Overtim	0.0	\$	195.00	\$	-
Sean Grant	Sr. Project Engineer	15.0	\$	145.00	\$	2,175.00
Darrin Green	Staff Engineer	0.0	\$	90.00	\$	-
Darrin Green	Staff Engineer-(Overtime)	0.0	\$	135.00	\$	-
Anthony Vozza	Staff Engineer	0.0	\$	90.00	\$	-
Abhishek Shah	Staff Engineer	112.0	\$	90.00	\$	10,080.00
Brandon Brochue	Designer/Drafter	0.0	\$	85.00	\$	-
Subtotal Maintenance:					\$	12,255.00



Task 12.0 - As-Needed Services

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

TOTAL AMOUNT DUE THIS INVOICE: \$ 76,346.93



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
922567	0	001	7/8/2022	8/10/2022	94624

SID LOCKHART

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	NESP SCADA CUTOVER	\$90.00	-	\$90.00	\$90.00	-	-
Totals:		\$90.00		\$90.00	\$90.00		
Less Retained:				-			
Invoice Total:				\$90.00			

AS NEEDED ELECTRICAL AND ENGINEERING SERVICE

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

82912 - 6010101 - 149090- 730660 - 5469 - Ch. 21 - v# 7755 - li# 41132 - exp. 12/31/23

JL Ben

9/9/2022

WORK PERFORMED 7/8/2022 - WORK ORDER #00663

TM-8-18-22

complete electrical construction

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



MOTOR CITY ELECTRIC TECHNOLOGIES INC.

AUTOMATION AND CONTROLS SOLUTIONS

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

INVOICE

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

Customer
 PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application	
				Date	Number
922567	0	001	7/27/2022	8/10/2022	94625

SID LOCKHART

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	NESP SCADA CUTOVER	\$90.00	-	\$90.00	\$90.00	-	-
Totals:		\$90.00		\$90.00	\$90.00		
Less Retained:				-			
Invoice Total:				\$90.00			

AS NEEDED ELECTRICAL AND ENGINEERING SERVICE

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

82912 - 6010101 - 149090 - 730660 - 5469 - Ch. 21 - v# 7755 - li# 41132 - exp. 12/31/23

WORK PERFORMED 7/27/2022 - WORK ORDER #00678

JM- 8-18-22 *JL Ben* 9/9/2022

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."



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

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

9/9/2022

Invoice # : 630565
Project : 61-190078
Invoice Group : NI-EA
Invoice Date : 9/8/2022

Attention: Sid Lockhart

For Professional Services Rendered from

7/23/2022 - 8/26/2022

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

Task 01	Project Management	\$276,159.00
Task 02	Condition Assessment	\$241,609.00
Task 03	Subsurface Utility Engineering	\$65,579.00
Task 04	Basemap Survey	\$89,327.00
Task 05	Geotechnical Investigation	\$134,797.00
Task 05A	7-Mile Utility Exploration/Design	\$0.00
Task 05B	Additional Geotech for PCI-4 Shaft	\$0.00
Task 06	Environmental Study	\$60,642.00
Task 07	Basis of Design	\$379,785.00
Task 08	Rehabilitation Design	\$282,099.00
Task 09	Contract Drawings	\$235,070.00
Task 10	Contract Specifications	\$188,178.00
Task 11	Construction Costs	\$27,761.00
Task 12	Permits & Coordination	\$25,655.00
Task 13	Bidding Assistance	\$198,402.00
Task 14	Gate Automation	\$68,770.00
Task 15	Odor & Air Flow Study	\$84,926.00

Preliminary Budget Amount **\$2,358,759.00**
Percent Complete: 93.39%

Analysis of Costs	This Invoice	Cumulative
Direct Salaries	\$ 538.02	\$ 312,064.34
Overhead %	188.00 1,011.48	586,680.98
Total Regular Labor Expense	1,549.50	898,745.32
Total Direct Labor	1,549.50	899,191.18
Profit / Fixed Fee %	12.00 185.94	107,849.42
Direct Expenses Charge	0.00	27,671.41
Expense Multiplier %	5.00 0.00	1,383.61
Direct Subcontractor Charge	0.00	1,101,049.75
Subcontractor/Subconsultant Multiplier %	6.00 0.00	66,063.14
Total Other Direct Charges Reimbursables	0.00	1,196,167.91
Total Costs:	1,735.44	2,202,762.65
Total Due This Invoice	\$ 1,735.44	\$ 2,202,762.65



84917 -6010101 -149015 -731444 - 2603 -1-3308- ch 21
v#4716 - li#24138 - exp. 12/31/23

JTB 9/9/2022

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

Invoice # : 630567
Project : 61-200186
Invoice Group : **
Invoice Date : 9/8/2022

Attentior Sid Lockhart

For Professional Services Rendered from **7/23/2022** - **8/26/2022**

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

Task 01	NI-EA OMID Contract No. 1 CCA	\$2,262,847.00
Task 02	OMID CS-9 Gate CCA	\$217,468.00
	Preliminary Budget Amount	\$2,480,315.00
	Percent Complete:	67.13%

Analysis of Costs		This Invoice	Cumulative
Direct Salaries	\$	24,065.72	\$ 334,293.72
Overhead %	188.00	45,243.55	628,472.20
Total Regular Labor Expense		69,309.27	962,765.92
Total Direct Labor		69,309.27	962,765.92
Profit / Fixed Fee %	12.00	8,317.12	115,531.94
Direct Expenses Charge		2,813.84	20,616.02
Expense Multiplier %	5.00	140.69	1,030.80
Direct Subcontractor Charge		6,022.49	533,016.47
Subcontractor/Subconsultant Multiplier %	6.00	361.35	31,981.05
Direct Unit Rate Charge		0.00	0.00
Total Other Direct Charges Reimbursables		9,338.37	586,644.34
Total Costs:		86,964.76	1,664,942.20
Total Due This Invoice		\$ 86,964.76	\$ 1,664,942.20



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

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

9/9/2022

Invoice # : 630570
Project : 61-200280
Invoice Group : CMT
Invoice Date : 9/8/2022

Attention Sid Lockhart

For Professional Services Rendered from 7/23/2022 - 8/26/2022

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

Task 01	CMT Services	\$130,138.00
Task 02	Tnemec Coating Observation	\$0.00
	Preliminary Budget Amount	\$130,138.00
	Percent Complete:	87.08%

Analysis of Costs	This Invoice	Cumulative
Direct Salaries	\$ 794.62	\$ 30,153.25
Overhead %	188.00 1,493.89	56,688.13
Total Regular Labor Expense	2,288.51	86,841.38
Total Direct Labor	2,288.51	86,841.38
Profit / Fixed Fee %	12.00 274.62	10,420.97
Direct Expenses Charge	37.01	15,290.17
Expense Multiplier %	5.00 1.85	764.51
Direct Subcontractor Charge	0.00	10.00
Subcontractor/Subconsultant Multiplier %	6.00 0.00	0.60
Direct Unit Rate Charge	0.00	0.00
Total Other Direct Charges Reimbursables	38.86	16,065.28
Total Costs:	2,601.99	113,327.63
Total Due This Invoice	\$ 2,601.99	\$ 113,327.64



NTH Consultants, Ltd.
Infrastructure Engineering
and Environmental Services

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

Sid Lockhart

9/9/2022

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

Invoice # : 630571
Project : 61210124
Invoice Group : **
Invoice Date : 9/8/2022

Attention Sid Lockhart

For Professional Services Rendered from 7/23/2022 - 8/26/2022

Consulting Services Regarding 2021 OMID System Inspection

Task 01 Inspection and Reporting \$526,974.00
Preliminary Budget Amount \$526,974.00
Percent Complete: 50.68%

Analysis of Costs	This Invoice	Cumulative
Direct Salaries	\$ 226.25	\$ 16,587.12
Overhead %	188.00 425.35	31,183.78
Total Regular Labor Expense	651.60	47,770.90
Total Direct Labor	651.60	651.60
Profit / Fixed Fee %	12.00 78.19	5,732.50
Direct Expenses Charge	0.00	855.92
Expense Multiplier %	5.00 0.00	42.82
Direct Subcontractor Charge	1,295.05	200,626.96
Subcontractor/Subconsultant Multiplier %	6.00 77.70	12,037.62
Direct Unit Rate Charge	0.00	0.00
Total Other Direct Charges Reimbursables	1,372.75	213,563.32
Total Costs:	2,102.54	267,066.72
Total Due This Invoice	\$ 2,102.54	\$ 267,066.72



NTH Consultants, Ltd.
Infrastructure Engineering
and Environmental Services

82912 - 149090 - 730639 - 2603 - Ch 21 - v#4716 exp. 12/31/23
li#24138

Jed Brown

9/9/2022

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

Invoice # : 630572
Project : 61-210313
Invoice Group : **
Invoice Date : 9/8/2022

Attention Sid Lockhart

For Professional Services Rendered from 7/23/2022 - 8/26/2022

Consulting Services Regarding Additional OMID Rehabilitation Program 2021 Closeout Services and As-Needed NESPS Maintenance Tasks

Task 01	Contract 3 NESPS Rehab Closeout	\$9,563.00
Task 02	PCI-4 Liner Deterioration Closeout	\$10,939.00
Task 03	Discharge Pipe Coating Rehabilitation	\$27,930.00
Task 04	NESPS Wet Well Sediment Survey	\$19,639.00
	Preliminary Budget Amount	\$68,071.00
	Percent Complete:	66.36%

		This Invoice	Cumulative
Analysis of Costs			
Direct Salaries		\$ 71.02	\$ 8,716.54
Overhead %	188.00	133.52	16,387.09
Total Regular Labor Expense		204.54	25,103.63
Total Direct Labor		204.54	25,103.63
Profit / Fixed Fee %	12.00	24.54	3,012.42
Direct Expenses Charge		0.00	0.00
Expense Multiplier %	5.00	0.00	0.00
Direct Subcontractor Charge		0.00	16,242.54
Subcontractor/Subconsultant Multiplier %	5.00	0.00	812.14
Total Other Direct Charges Reimbursables		0.00	17,054.68
Total Costs:		229.08	45,170.73
Total Due This Invoice		\$ 229.08	\$ 45,170.73



NTH Consultants, Ltd.
Infrastructure Engineering
and Environmental Services

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

Invoice # : 630573
Project : 61210495
Invoice Group :
Invoice Date : 9/8/2022

Attention: Sid Lockhart

For Professional Services Rendered from **7/23/2022 - 8/26/2022**

Authorization per Engineering Work Order D 439 date 12/03/2021

82912-149662-730639-Cont#1-2603 Exp (12/31/21-Rev)

82912- 6010101- 149662-730639- 2603 - Ch.21 - v# 4716 - li #24138 - exp. 12/31/23

Sid Lockhart

9/9/2022

Additional OMID NESPS Maintenance Engineering Services

Task 01	NESPS Health and Safety Audit	\$16,137.00
Task 02	Control Structure 6 (CS-6) Emergency Bypass System Design	\$39,643.00
Task 03	Wet Wall Screen Cleaning Equipment	\$17,069.00
Task 04	Control Structure Gate Inspection	\$10,022.00

Preliminary Budget Amount **\$82,871.00**
Percent Complete: 71.92%

Analysis of Costs	This Invoice	Cumulative
Direct Salaries	\$ 904.27	\$ 13,857.40
Overhead %	188.00 1,700.03	26,051.91
Total Regular Labor Expense	2,604.30	39,909.31
Total Direct Labor	2,604.30	39,909.31
Profit / Fixed Fee %	12.00 312.52	4,789.12
Direct Expenses Charge	0.00	325.65
Expense Multiplier %	5.00 0.00	16.29
Direct Subcontractor Charge	0.00	13,738.10
Subcontractor/Subconsultant Multiplier %	6.00 0.00	824.29
Total Other Direct Charges Reimbursables	0.00	14,904.33
Total Costs:	2,916.82	59,602.76
Total Due This Invoice	\$ 2,916.82	\$ 59,602.76



PM Technologies
 28294 Beck Road, Wixom, Michigan 48393 United States
 (248) 374-6405

BILL TO

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

82912-6010101-149090-730660-5821 - CH. 21

JL B...

9/9/2022

INVOICE 63543133	INVOICE DATE Aug 08, 2022
---------------------	------------------------------

JOB ADDRESS

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

Completed Date: 8/1/2022
Customer PO: WO#00671
Payment Term: NET 10 DAYS
Due Date: 8/18/2022

TASK	DESCRIPTION	QTY	PRICE	TOTAL
SERCALL_Z1	Service Calls: Flat Fee \$205.00, \$129.00 per hour	1.00	\$205.00	\$205.00

CAT/KATO A269500000 13669-05

CLAB	Commercial Labor	3.00	\$129.00	\$387.00
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CAT/KATO A269500000 13669-05

Materials

MATERIAL	DESCRIPTION	QUANTITY	YOUR PRICE	YOUR TOTAL
MAT	MISCELLANEOUS MATERIALS	1.00	\$83.22	\$83.22

TM-8-18-22

SUB-TOTAL	\$675.22
TOTAL DUE	\$675.22
BALANCE DUE	\$675.22

Thank you for choosing PM Technologies
 CUSTOMER AUTHORIZATION

This invoice is agreed and acknowledged. Payment is due upon receipt. A service fee will be charged for any returned



PM Technologies
28294 Beck Road, Wixom, Michigan 48393 United States
(248) 374-6405

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

82912-6010101-149090-730660-5821 - CH. 21

JL B...

9/9/2022

INVOICE 63543149 ✓	INVOICE DATE Aug 02, 2022
-----------------------	------------------------------

JOB ADDRESS
Northeast Sewage Pumping Station - Generator 2 ✓
11001 East State Fair Avenue
Detroit, MI 48234 USA

Completed Date: 8/2/2022
Customer PO: WO#00528
Payment Term: NET 10 DAYS
Due Date: 8/12/2022

TASK	DESCRIPTION	QTY	PRICE	TOTAL
Quarterly Inspections	Quarterly Inspections	1.00	\$1,050.00	\$1,050.00

CAT/KATO A269500000 13669-04

TM-8-9-22

SUB-TOTAL	\$1,050.00
TOTAL DUE	\$1,050.00
BALANCE DUE	\$1,050.00

Thank you for choosing PM Technologies
CUSTOMER AUTHORIZATION

This invoice is agreed and acknowledged. Payment is due upon receipt. A service fee will be charged for any returned checks, and a financing charge of 1% per month shall be applied for overdue amounts.

Sign here *Darin Green*

Date 8/2/2022

CUSTOMER ACKNOWLEDGEMENT

I find and agree that all work performed by PM Technologies has been completed in a satisfactory and workmanlike manner. I have been given the opportunity to address concerns and/or discrepancies in the work provided, and I either have no such concerns or have found no discrepancies or they have been addressed to my satisfaction. My signature here signifies my full and final acceptance of all work performed by the contractor.



PM Technologies
28294 Beck Road, Wixom, Michigan 48393 United States
(248) 374-6405

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

82912-6010101-149090-730660-5821 - CH. 21

John Brown

9/9/2022

INVOICE
63551141

INVOICE DATE
Aug 02, 2022

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

Completed Date: 8/2/2022
Customer PO: WO#00528
Payment Term: NET 10 DAYS
Due Date: 8/12/2022

TASK	DESCRIPTION	QTY	PRICE	TOTAL
Quarterly Inspections	Quarterly Inspections	1.00	\$1,050.00	\$1,050.00

CAT/KATO A269500000 13669-05

TM-8-9-22

SUB-TOTAL \$1,050.00

TOTAL DUE \$1,050.00

BALANCE DUE \$1,050.00

Thank you for choosing PM Technologies
CUSTOMER AUTHORIZATION

This invoice is agreed and acknowledged. Payment is due upon receipt. A service fee will be charged for any returned checks, and a financing charge of 1% per month shall be applied for overdue amounts.

Dawn Lee

Sign here

Date 8/2/2022

CUSTOMER ACKNOWLEDGEMENT

I find and agree that all work performed by PM Technologies has been completed in a satisfactory and workmanlike manner. I have been given the opportunity to address concerns and/or discrepancies in the work provided, and I either have no such concerns or have found no discrepancies or they have been addressed to my satisfaction. My signature here signifies my full and final acceptance of all work performed by the contractor.



PM Technologies
28294 Beck Road, Wixom, Michigan 48393 United States
(248) 374-6405

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

82912-6010101-149090-730660-5821 - CH. 21

JL

9/9/2022

INVOICE 63551332	INVOICE DATE Aug 02, 2022
---------------------	------------------------------

JOB ADDRESS
Northeast Sewage Pumping Station - Generator 3 ✓
11001 East State Fair Avenue
Detroit, MI 48234 USA

Completed Date: 8/2/2022
Customer PO: WO#00528
Payment Term: NET 10 DAYS
Due Date: 8/12/2022

TASK	DESCRIPTION	QTY	PRICE	TOTAL
Quarterly Inspections	Quarterly Inspections	1.00	\$1,050.00	\$1,050.00
CAT/KATO A269500000 13669-03				

TM-8-9-22

SUB-TOTAL	\$1,050.00
TOTAL DUE	\$1,050.00
BALANCE DUE	\$1,050.00

Thank you for choosing PM Technologies
CUSTOMER AUTHORIZATION

This invoice is agreed and acknowledged. Payment is due upon receipt. A service fee will be charged for any returned checks, and a financing charge of 1% per month shall be applied for overdue amounts.

Darin Green

Sign here

Date 8/2/2022

CUSTOMER ACKNOWLEDGEMENT

I find and agree that all work performed by PM Technologies has been completed in a satisfactory and workmanlike manner. I have been given the opportunity to address concerns and/or discrepancies in the work provided, and I either have no such concerns or have found no discrepancies or they have been addressed to my satisfaction. My signature here signifies my full and final acceptance of all work performed by the contractor.



PM Technologies
28294 Beck Road, Wixom, Michigan 48393 United States
(248) 374-6405

BILL TO

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

82912-6010101-149090-730660-5821 - CH. 21

John Ben

9/9/2022

INVOICE 63895473	INVOICE DATE Aug 03, 2022
---------------------	------------------------------

JOB ADDRESS

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

Completed Date: 8/3/2022
Payment Term: NET 10 DAYS
Due Date: 8/13/2022

Materials

MATERIAL	DESCRIPTION	QUANTITY	YOUR PRICE	YOUR 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

TM-8-9-22

SUB-TOTAL	\$595.00
TOTAL DUE	\$595.00
BALANCE DUE	\$595.00

Thank you for choosing PM Technologies

CUSTOMER AUTHORIZATION

This invoice is agreed and acknowledged. Payment is due upon receipt. A service fee will be charged for any returned checks, and a financing charge of 1% per month shall be applied for overdue amounts.

Sign here

Date 8/3/2022

CUSTOMER ACKNOWLEDGEMENT

I find and agree that all work performed by PM Technologies has been completed in a satisfactory and workmanlike manner. I have been given the opportunity to address concerns and/or discrepancies in the work provided, and I either have no such concerns or have found no discrepancies or they have been addressed to my satisfaction. My signature here signifies my full and final acceptance of all work performed by the contractor.



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

August 16, 2022

Invoice No: 03559.01 - 26

84917 - 6010101 - 149015 - 731458- 6096- 1-3308 - ch21 - engcon - v#16918
- exp. 5/29/23 *JL* **9/9/2022**

Project 03559.01 Oakland-Macomb Interceptor Drainage 2020

Professional Services from July 1, 2022 to July 31, 2022

Professional Personnel

	Hours	Rate	Amount	
Zann, John	51.00	94.00	4,794.00	
Totals	51.00		4,794.00	
Total Labor				4,794.00

Additional Fees

Overhead	149.10 % of 4,794.00		7,147.85	
Profit	10.00 % of 11,941.85		1,194.19	
Total Additional Fees			8,342.04	8,342.04

Billing Limits

	Current	Prior	To-Date	
Total Billings	13,136.04	258,084.54	271,220.58	
Limit			450,000.00	
Remaining			178,779.42	

Total this Invoice \$13,136.04

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

Agenda Item No. 11

Other Business

Agenda Item No. 12

Adjourn