

AGENDA

Oakland-Macomb Interceptor Drain Drainage Board Macomb and Oakland Counties

April 17, 2024 – 11:30 a.m.

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

1. Call meeting to order

Board Members:

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 April 17, 2024
3. Motion to approve the Drainage District Board Meeting Minutes from March 20, 2024
4. Public Comment
5. Memorandum requesting the Board approve the Budget and Flow Allocations for 2024/2025
6. Utica Easement Agreements
7. Memorandum requesting the transfer of NESPS Pumping and Electrical Upgrades Project's HVAC Component Assets to GLWA
8. Memorandum requesting to increase Walsh Construction's contract by a not-to-exceed amount of \$5,500,000 for insurance reimbursement
9. Motion to approve the following Construction Estimates:
 - a) Construction Estimate No. 42 for Walsh Construction for NESPS Pump & Electrical Upgrades Project (GMP Phase) in the amount of \$ 279,689.84 with a transfer to the Oakland County Treasurer in the amount of \$11,155.14
 - b) Construction Estimate No. 37 for Marra Services for NI-EA Contract No. One for PCI 4 Rehabilitation in the amount of \$36,000
 - c) Construction Estimate No. 8 for Z Contractors for NI-EA Contracts 2A and 2B – PCI 18 and 19 Rehabilitation in the amount of \$1,130,338.04 with a transfer to the Oakland County Treasurer in the amount of \$112,591.32
10. Status of OMID Repairs Project
11. Financial Reports – General Financial Report and Status of State Revolving Fund Financing and Other Financing

12. Motion to approve the following invoices:

1) Labor/Fringes/Non-Direct Labor Factor			
• Segment 5 NI-EA Construction		\$	4,432.17
• Segment 5 NESPS Mech./Elect. Construction		\$	4,738.26
2) Equipment Charges			
• Segment 5 NI-EA Construction		\$	131.17
• Segment 5 NESPS Mech./Elect. Construction		\$	205.50
a) ASI			
1) Invoice No. 58a-8643	NESPS	\$	196.43
2) Invoice No. 60-8641	NESPS	\$	69,541.64
3) Invoice No. 60b-8642	NESPS	\$	1,780.00
b) Clark Hill			
Invoice No. 1412344	NESPS	\$	5,125.50
c) D'Angelo Brothers Inc.			
1) Invoice No. 19013	O&M	\$	13,502.27
2) Invoice No. 19014	O&M	\$	16,096.12
d) Hesco			
Invoice No. 242159	O&M	\$	4,745.00
e) Jacobs			
Invoice No. C6A19900-14	O&M	\$	21,760.46
f) Kennedy			
1) Invoice No. 638157	O&M	\$	2,305.50
2) Invoice No. 640242	O&M	\$	3,929.75
g) Kone			
Invoice No. 1158567076	O&M	\$	353.08
h) Metco			
Invoice No. 1811-63	O&M	\$	88,378.54
i) Motor City			
Invoice No. 95577	O&M	\$	90.00
j) NTH Consultants, Ltd			
1) Engineering/Consulting Services NESPS Pumping and Electrical			
Invoice No. 635481	NESPS	\$	1,241.84
2) OMID NI-EA Contract No. 1 PCI-4 Rehab			
Invoice No. 635482	NI-EA	\$	34,417.85
3) Consulting Services PCI-18 and PCI-19 Rehabilitation			
Invoice No. 635485	NI-EA	\$	117,562.90
k) PM Technologies			
Invoice No. 86384059	O&M	\$	1,644.99
l) PMA Consultants			
Invoice No. 03559.01-45	NESPS	\$	20,589.38
m) Walsh Construction			
Invoice No. 220008-970233	NESPS	\$	709,852.00

13. Other Business

14. Adjourn

Next Regular Meeting: May 15, 2024, at 11:30 a.m., Eastern Standard Time.

Agenda Item No. 3

Board Meeting Minutes from March 20, 2024

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

March 20, 2024

Minutes of the regular meeting of the Drainage Board of the Oakland-Macomb Interceptor Drain Drainage District held at the office of the Oakland County Water Resources Commissioner, One Public Works Drive, Building 95 West, Waterford, Michigan on the 20th day of March 2024 at 11:30 a.m. Eastern Standard Time and via Microsoft Teams.

PRESENT:

Michael Gregg, Chairperson and Deputy for Dr. Tim Boring, Director of the Michigan Department of Agriculture and Rural Development; Candice Miller, Member and Macomb County Public Works Commissioner; and 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: Anne Vaara, Steve Korth, Joel Brown, Brian Coburn, Jen Cook, Meg Koss, Kelsey Cooke and Stephanie Lajdziak. Others in attendance: Terry Moore, Metco; Shawn Phelps and Heidi Grunwald, OC Fiscal Services; Saju Sachidanandan, Larry Gilbert and Michelle Kitzinger, NTH Consultants; Fritz Klingler, FK Engineering; Dave Pauline, Walsh Construction; Joe Colaianne, Clark Hill.

1. Call meeting to order.
Chairperson Gregg called the meeting to order at 12:00 p.m.
2. Agenda.
Motion by Nash, supported by Miller, to approve the March 20, 2024, agenda as presented.

ADOPTED: Yeas - 3
 Nays - 0

3. Minutes.
Motion by Miller, supported by Nash, to approve the minutes of the February 21, 2024, meeting.

ADOPTED: Yeas - 3
 Nays - 0

4. Public Comment.
None.
5. Apportionment Hearing for the Odor and Corrosion Control Project

MICHIGAN DEPARTMENT OF AGRICULTURE AND RURAL DEVELOPMENT

In the Matter of:
Oakland-Macomb Interceptor Drain,

FINAL ORDER OF APPORTIONMENT

At a regular meeting of the Drainage Board of the Oakland-Macomb Interceptor Drain Drainage District (“OMIDD”) held on the 20th day of March 2024, at 11:30, am., prevailing time, at the Offices of the Oakland County Water Resources Commissioner, 1 Public Works Drive, Waterford, Michigan there were:

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

ABSENT: None.

OTHERS PRESENT: Representing the office of the Macomb County Public Works Commissioner: Brian Baker, Stephen Downing. Representing the office of the Oakland County Water Resources Commissioner: Anne Vaara, Steve Korth, Joel Brown, Brian Coburn, Jen Cook, Meg Koss, Kelsey Cooke, and Stephanie Lajdziak. Others in attendance: Terry Moore, Metco; Shawn Phelps and Heidi Grunwald, OC Fiscal Services; Saju Sachidanandan, Larry Gilbert and Michelle Kitzinger, NTH Consultants; Fritz Klingler, FK Engineering; Dave Pauline, Walsh Construction; Joe Colaianne, Clark Hill

Motion by Drainage Board Member Nash, and supported by Drainage Board Member Miller, to approve the following Final Order of Apportionment:

WHEREAS, a public hearing has been held on this date by the Drainage Board for the Oakland- Macomb Interceptor Drain Drainage District to hear objections to the tentative apportionments for the Oakland-Macomb Interceptor Drain for the OMID Odor and Corrosion Control Project as described in the resolution adopted on February 21, 2024 and pursuant to the petitions filed in 2009 from the Charter Township of Clinton (Macomb County) and from the Charter Township of Independence (Oakland County) calling for the financing and construction of the Improvements, said projects having been determined to be necessary for the public health; and

WHEREAS, the Drainage Board has considered comments (if any) from the public and public corporations at the public hearing and has made a determination that it will confirm the apportionments tentatively made on February 21, 2024.

NOW, THEREFORE, IT IS HEREBY ORDERED BY THE DRAINAGE BOARD OF THE OAKLAND- MACOMB INTERCEPTOR DRAIN as follows:

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

The Apportionments to the Public Corporations by the Oakland County Water Resources Commissioner for the Public Corporations in Oakland County and by the Macomb County Public Works Commissioner for the Public Corporations in Macomb County; are – as follows ¹:

¹ It is estimated that the Project will not exceed \$14,000,000. This number is conservative and will be adjusted based on the final and accepted construction bid received by the Drainage District

<u>County of Oakland</u> <u>PUBLIC CORPORATIONS</u>	33.1000% Percentage of <u>Project</u>	Amount Assessed for <u>Project</u>
City of Auburn Hills	4.9705%	\$695,870
Independence Township (incl. Village of Clarkston)	2.4213%	338,982
City of Lake Angelus	0.0185%	2,590
Village of Lake Orion	0.3409%	47,726
Oakland Township	1.0393%	145,502
Orion Township	3.1494%	440,916
Oxford Township	1.2468%	174,552
Village of Oxford	0.5928%	82,992
City of Rochester	1.9526%	273,364
City of Rochester Hills	8.1106%	1,135,484
Waterford Township	7.6159%	1,066,226
West Bloomfield Township	1.6414%	229,796
County of Oakland Total	33.1000%	\$4,634,000

<u>County of Macomb</u> <u>PUBLIC CORPORATIONS</u>	66.9000% Percentage of <u>Project</u>	Amount Assessed for <u>Project</u>
Chesterfield Township	4.9783%	\$696,962
Clinton Township	13.9899%	1,958,586
City of Fraser	2.8103%	393,442
Harrison Township	4.1896%	586,544
Lenox Township	0.7827%	109,578
Macomb Township	9.4656%	1,325,184
Village of New Haven	0.5614%	78,596
Shelby Township	6.5484%	916,776
City of Sterling Heights	20.6591%	2,892,274
City of Utica	1.0966%	153,524
Washington Township	1.8181%	254,534
County of Macomb Total	66.9000%	\$9,366,000

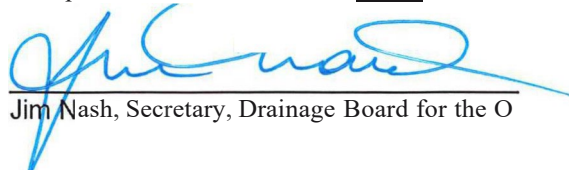
Combined Total: 100.0000%

\$14,000,000 IN WITNESS

WHEREOF, we have hereunto fixed our official signatures on this 20th day of
March, 2024.



Michael R. Gregg, Deputy Director, MDARD
Chairperson, District 11 Board for the OMIDD



Jim Nash, Secretary, Drainage Board for the O

6. MFCI Engagement Letter for Bond Series 2023
Joel Brown presented the engagement letter to the Board on behalf of MFCI to provide consulting services related to the bond sales for the odor and corrosion control project. He noted that MFCI will assist in the scope of services outlined in the engagement letter (attached).

Motion by Nash, supported by Miller, to authorize MFCI to provide the services as outlined in the engagement letter as presented.

7. Engineering Work Order

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

- a) NTH for NI-EA Contract 1: PCI-4 Rehabilitation Project for Additional Construction Contract Administration Services Due to Further Project Delay for a not-to-exceed amount of \$179,973. Motion by Miller, supported by Nash, to approve the Engineering Work order as presented.

ADOPTED: Yeas - 3
Nays - 0

8. Change Order.

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

- a) Change Order No. 1 for Z Contractors for NIEA OMID Contract 2A for Lining of the PCI-4 Interceptor and Access Structure Construction for a net increase of \$37,930.25. Motion by Nash, supported by Miller, to approve the Change Order as presented.

ADOPTED: Yeas - 3
Nays - 0

9. Construction Pay Estimates.

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

- a) Construction Estimate No. 41 for Walsh Construction for NESPS Pump & Electrical Upgrades Project (GMP Phase) in the amount of \$190,912.91. Motion by Miller, supported by Nash, to approve the Construction Pay Estimate as presented.

ADOPTED: Yeas - 3
Nays - 0

- b) Construction Estimate No. 36 for Marra Services for NI-EA Contract No. One for PCI 4 Rehabilitation in the amount of \$141,360. Motion by Nash, supported by Miller, to approve the Construction Pay Estimate as presented.

ADOPTED: Yeas - 3
Nays - 0

- c) Construction Estimate No. 7 for Z Contractors for NI-EA Contracts 2A and 2B – PCI 18 and 19 Rehabilitation in the amount of \$ 1,402,882.27 with a transfer to the

Oakland County Treasurer in the amount of \$155,875.80. Motion by Miller, supported by Nash, to approve the Construction Pay Estimate as presented.

ADOPTED: Yeas - 3
 Nays - 0

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

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

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

ADOPTED: Yeas - 3
 Nays - 0

11. Financial Reports.

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

ADOPTED: Yeas - 3
 Nays - 0

12. Invoices.

1) Labor/Fringes/Non-Direct Labor Factor			
• Segment 5 NI-EA Construction		\$	6,230.24
• Segment 5 NESPS Mech./Elect. Construction		\$	6,332.41
2) Equipment Charges			
• Segment 5 NI-EA Construction		\$	148.51
• Segment 5 NESPS Mech./Elect. Construction		\$	188.98
a) Clark Hill			
Invoice No. 1402227	NESPS	\$	4,513.50
b) CSM			
1) Invoice No. 2831	O&M	\$	2,795.10
2) Invoice No. 2856	O&M	\$	916.11
3) Invoice No. 2932	O&M	\$	1,122.00
c) D'Angelo			
Invoice No. 8593	O&M	\$	651.00
d) Kennedy			
Invoice No. 638426	O&M	\$	448.50
e) Lardner			
1) Invoice No. 199973	O&M	\$	772.00
2) Invoice No. 200132	O&M	\$	204.00
3) Invoice No. 200464	O&M	\$	204.00
f) Metco			
Invoice No. 1811-62	O&M	\$	135,362.90
g) NTH Consultants, Ltd			
1) OMID NI-EA Contract No. 1 PCI-4 Rehab			
Invoice No. 635293	NI-EA	\$	123,953.67

2)	Engineering/Consulting Services NESPS Pumping and Electrical			
	Invoice No. 635285	NESPS	\$	1,461.17
3)	OMID Rehab. 2021 Closeout Services			
	Invoice No. 635287	O&M	\$	1,058.00
4)	Engineering/Consulting Services PCI-18 and PCI-19 Rehabilitation			
	Invoice No. 635284	NI-EA	\$	80,920.87
h)	PM Technologies			
	1) Invoice No. 86001889	O&M	\$	350.00
	2) Invoice No. 86005395	O&M	\$	350.00

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

ADOPTED: Yeas - 3
 Nays - 0

13. Macomb Letter to OMID Board Regarding Flow Diversion

Brian Baker addressed the Board and provided a memorandum (attached) regarding wastewater flow diversion as it relates to contracts between OMID and Clinton Oakland and the Macomb Interceptor Drain. Due to Macomb’s budget being impacted by the current application of a 10-year average of the diversion by the Clinton Oakland system, Brian Baker requested that an annual diversion cap of 30% be implemented for budgeting purposes. Discussion ensued as to the verbiage of the contract and how each of the respective counties views it should be applied.

Motion by Miller, supported by Gregg, to bring the budget, as presented, to the Board on April 17, and for the following year agree to use an annual cap up to 30% diversion calculation to calculate rates and charges going forward.

ROLL CALL VOTE:
 GREGG: AYE
 MILLER: AYE
 NASH: NAY

14. Other Business.

None.

15. Adjourn.

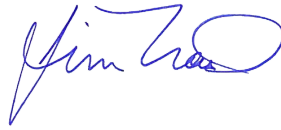
Motion by Nash, supported by Miller, to adjourn the March 20, 2024, meeting at 1:49 p.m.

ADOPTED: Yeas - 3
 Nays - 0

Next Regular Meeting: Office of the Oakland County Water Resources Commissioner, One Public Works Drive, Building 95 West, Waterford, Michigan and electronically at 11:30 a.m., Eastern Standard Time on April 17, 2024.

I hereby certify that the foregoing constitutes the minutes of the Drainage Board for the Oakland-Macomb Interceptor Drain Drainage District, at a meeting held on March 20, 2024, and that the meeting was conducted and public notice was given in compliance with the Open Meetings Act being Act 267, Public Acts of Michigan, 1976, as amended, and that the minutes were kept and will be or have been made available to the public as required by the Act.

IN WITNESS WHEREOF, I have hereunto affixed my official signature on this 20th day of March 2024



Jim Nash, Secretary
Oakland-Macomb Interceptor Drain Drainage Board

Agenda Item No. 4

Public Comment

Agenda Item No. 5

2024/2025 Budget and Flow Allocations



Oakland-Macomb Interceptor Drain Drainage District

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

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

SUBJECT: Rate Year (RY) 2024/25 Budget Recommendation

DATE: April 17, 2024

Staff of the Macomb County Public Works Commissioner's Office and the Oakland County Water Resources Commissioner's Office recently met to discuss the budget, cost allocation, and capital improvement plan for the upcoming rate year. Staff recommends that the Board approve the proposed sewer charges contained herein for the rate year beginning July 1, 2024.

The main elements of the proposed budget and sewer charges are as follows:

- 1) The Great Lakes Water Authority (GLWA) approved a 2.6% increase in sewer charges to OMIDDD.
- 2) The proposed operation and maintenance budget includes an increase of 13.8% (see Exhibit A)
- 3) The proposed revenue requirement is increasing by 3.1%.
- 4) The method for determining the split between Oakland and Macomb was approved on March 20, 2019, and will remain in place through RY 2024/25 unless GLWA modifies the sewer charge methodology. The cost allocation using this methodology is as follows:
 - a. GLWA common-to-all and OMIDDD operations and maintenance costs are allocated based on the ten-year rolling average as shown in Exhibit B. This year's allocation is 31.36% Clinton Oakland Sewage Disposal System (COSDS) and 68.64% to the Macomb Interceptor Drain Drainage District (MIDDD).
 - b. GLWA's Combined Sewage Overflow Program is allocated 39.48% to COSDS and 60.52% to MIDDD per the 1999 Rate Settlement Agreement.
 - c. Capital Improvement Reserve contributions are allocated based on the current GLWA Contract Capacity split of 33.10% for the COSDS and 66.90% for the MIDDD.
- 5) The budget proposes to fund \$1,150,000 of new major maintenance work and \$3,300,000 of new capital improvements from the OMIDDD operation and maintenance fund, in addition to projects that are not revenue financed (see Exhibit C).

Recommended Action: Approve the proposed operating budget (Exhibit A), cost allocation (Exhibit B), and the Capital Improvement Program (Exhibit C) for the rate year beginning July 1, 2024, as presented.

Effective July 1, 2024

Exhibit A

Annual Operating Charges

	Current 2024	2025	COSDS	MIDD	Annual		Monthly	
	Budget	Budget	%	%	COSDS	Macomb	COSDS	MIDD
GLWA								
Common-to-all and OMIDDD Charges	\$ 70,483,000	\$ 72,003,800	31.36%	68.64%	\$ 22,580,392	\$ 49,423,408		
CSO Program	1,738,800	2,126,200	39.48%	60.52%	839,424	1,286,776		
Total	72,221,800	74,130,000			23,419,816	50,710,184	\$ 1,951,651.33	\$ 4,225,848.67
OMIDDD								
Operations and Maintenance Expense								
Sewer System Maintenance	614,000	661,910	31.36%	68.64%	207,575	454,335		
Sewer System Engineering	98,530	131,260	31.36%	68.64%	41,163	90,097		
Pump Maintenance Unit	2,184,160	2,660,280	31.36%	68.64%	834,264	1,826,016		
Systems Control Unit	270	-	31.36%	68.64%	-	-		
Mapping Unit	680	530	31.36%	68.64%	166	364		
Miss Dig	-	240	31.36%	68.64%	75	165		
General and Administrative	1,381,940	1,416,370	31.36%	68.64%	444,174	972,196		
Subtotal	4,279,580	4,870,590			1,527,417	3,343,173	127,284.75	278,597.75
Non Operating	-	-	31.36%	68.64%	-	-	-	-
Major Maintenance	1,150,000	1,150,000	31.36%	68.64%	360,640	789,360	30,053.33	65,780.00
Emergency Maintenance	-	-	31.36%	68.64%	-	-	-	-
Capital Improvement	1,300,000	1,300,000	33.10%	66.90%	430,300	869,700	35,858.33	72,475.00
Subtotal	2,450,000	2,450,000			790,940	1,659,060		
O&M Non-Rate Revenue	(300,490)	(339,490)	31.36%	68.64%	(106,464)	(233,026)	(8,872.00)	(19,418.83)
FY 2025 Total Fixed Charges	\$ 78,650,890	\$ 81,111,100			\$ 25,631,709	\$ 55,479,391	2,135,975.74	4,623,282.59

Capital Improvements are defined as investments that are made to assets that exceed \$5,000 and increase the useful life of assets by five years or more.

Estimated Debt Service		
2010A mfa 5368-01	1,675,375	1,676,000
2010B	-	-
2011A mfa 5368-02	1,623,875	1,622,250
2013A mfa 5368-03	3,951,200	3,952,750
2014A	475,144	473,294
2015A mfa 2001-01	544,625	544,750
2019 refunding	458,498	466,098
2019 revenue	509,798	507,164
2020A	3,275,900	3,274,150
2023 Issuance Projected Debt*	1,904,900	-
NIEA Phase 2 2020B 2023 issue	-	430,744
Odor&Corrosion 2024A Issuance Projected Debt**	-	938,956
Total Debt Service	14,419,314	13,886,155
Total OMIDDD Related Revenue Requirements	93,070,204	94,997,255

* 2023 issuance projected debt for 2024 using a dated date of 9/1/2023, funding of approximately \$28 million (NIEA Phase 2 \$16 million and Odor&Corrosion \$12 million), final maturity 7/1/2043, and true interest cost of approximately 3.2%.

** 2024 issuance projected debt for 2025 using dated date of 7/31/2024, funding of approximately \$14 million, final maturity 7/1/2044, and true interest cost of approximately 3.4%.

**Oakland-Macomb Interceptor Drain Drainage District
Fiscal Year (FY) 2024/25 Budget**

February 9, 2024

Effective July 1, 2024

Exhibit B

Flow Data

Year	Fiscal Year	OMIDDD Allocation Flows		OMIDDD Allocation Flows	
		COSDS (cfs)	MIDDD (cfs)	COSDS (%)	MIDDD (%)
1	FY2013/14	30.74	64.80	32.18%	67.82%
2	FY2014/15	29.74	64.76	31.47%	68.53%
3	FY2015/16	29.36	65.06	31.09%	68.91%
4	FY2016/17	30.60	66.45	31.53%	68.47%
5	FY2017/18	34.05	69.60	32.85%	67.15%
6	FY2018/19	34.05	69.60	32.85%	67.15%
7	FY2019/20	32.52	70.82	31.47%	68.53%
8	FY2020/21	27.02	64.16	29.64%	70.36%
9	FY2021/22	32.11	73.61	30.37%	69.63%
10	FY2022/23	27.49	64.46	29.90%	70.10%
Current FY2023/24 (10-Yr Average)		31.01	67.17	31.58%	68.42%
Prop. FY2024/25 (10-Yr Average)		30.77	67.33	31.36%	68.64%

1. All annual flows are based on the average monthly flow rates, proportioned based on the number of days in each month.
2. COSDS Flows for fiscal years FY2013/14 and FY2014/15 include a 30% adjustment to account for diversion to the Clinton River Wastewater Resource Reclamation Facility (CRWRRF).
3. Due to a catastrophic failure at the CRWRRF (COSDS's non-OMID outlet), there was volatility in the flow delivered from COSDS to OMID in FY2017/18 and FY2018/19. When paired, these two years offset each other and the volatility is mitigated. The OMID rates are based on a rolling 10-year average flow rate. In Rate Years 2028/29 and 2029/30, these volatile years will roll off the average, which will create volatility in the average if the actual values are used. To reduce this future volatility, the actual COSDS-to-OMID flows and MIDDD flows for FY2017/18 (COSDS = 37.74 cfs, MIDDD = 67.29 cfs) and FY2018/19 (COSDS = 30.35 cfs, MIDDD = 71.90 cfs) have both been replaced with the average for these two years (COSDS = 34.045 cfs, Macomb = 69.595 cfs).
4. Except as noted above, COSDS fiscal year flows are based on measured flow, which includes actual diversion to CRWRRF.
5. Allocation flows have been revised slightly since prior Exhibit B submittals as part of a detailed review of the data. Overall OMIDDD Allocation percents have not changed. See February 9, 2024 memo for details.

EXHIBIT C
OAKLAND MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT
CAPITAL IMPROVEMENT PROGRAM
February 2024

Fund FND82912 Oakland Macomb InterceptorCh21

Description	2023 Actual	2024 Updated	2025 Proposed
UNDESIGNATED BEGINNING BALANCE	\$5,023,285	\$6,523,398	\$2,023,398
Transfer to Emergency Reserve		(\$4,500,000)	
Transfer to Capital Reserve			(\$2,000,000)
Net Change from Operations	\$1,500,113		
UNDESIGNATED ENDING BALANCE	\$6,523,398	\$2,023,398	\$23,398
MAINTENANCE RESERVE BEGINNING BALANCE	\$2,848,992	\$3,625,242	\$2,825,242
Maintenance Reserve Revenue	\$1,171,931	\$1,150,000	\$1,150,000
PRJ-13014 NESPS Emergency Contingencies	(\$3,793)	(\$90,000)	
PRJ-13015 OMID Immediate Repairs	(\$70,704)	(\$10,000)	
P4 VFD Replacement		(\$1,000,000)	
CCTV Inspection		(\$250,000)	(\$250,000)
PLC Replacement at NESPS Generator		(\$100,000)	
Wet Well Cleaning		(\$500,000)	(\$400,000)
NLB Bar Screen Purchase			(\$400,000)
General Major Maintenance	(\$321,184)		
Total Maintenance Reserve Expense	(\$395,681)	(\$1,950,000)	(\$1,050,000)
MAINTENANCE RESERVE ENDING BALANCE	\$3,625,242	\$2,825,242	\$2,925,242
EMERGENCY RESERVE BEGINNING BALANCE	\$3,000,000	\$3,461,128	\$7,961,128
Emergency Reserve Revenue	\$375,000	\$0	
Expenses	\$86,128		
Transfer from Undesignated		\$4,500,000	
EMERGENCY RESERVE ENDING BALANCE	\$3,461,128	\$7,961,128	\$7,961,128
CAPITAL RESERVE BEGINNING BALANCE	\$2,413,875	\$2,101,444	\$1,301,444
Capital Reserve Revenue	\$1,035,868	\$1,300,000	\$1,300,000
Transfer from Undesignated			\$2,000,000
PRJ-13016 OMID Flow Control Improvements	(\$2,572)		
1-3019 OMID NIEA Sewer Rehabilitation Design			\$2,236,913
1-3020 NESPS Mechanical and Electrical Upgr/Design			\$3,905,972
PRJ-17059 OMID Odor/Corrosion System Design	(\$767,970)	(\$500,000)	\$500,000
PRJ-17060 OMID Flow Ctrl Struct Rehab	(\$338,645)	(\$300,000)	(\$7,500,000)
CS-6 Bypass System Installation			(\$1,000,000)
MIDDD Segment 5-OMID Portion		(\$1,000,000)	
General Capital	(\$239,111)	(\$300,000)	(\$100,000)
Total Capital Reserve Expense	(\$1,348,299)	(\$2,100,000)	(\$1,957,115)
CAPITAL RESERVE ENDING BALANCE	\$2,101,444	\$1,301,444	\$2,644,329
Reserve			
Undesignated	\$6,523,398	\$2,023,398	\$23,398
Major Maintenance	\$3,625,242	\$2,825,242	\$2,925,242
Emergency Maintenance	\$3,461,128	\$7,961,128	\$7,961,128
Capital	\$2,101,444	\$1,301,444	\$2,644,329
NET POSITION ENDING BALANCE	\$15,711,212	\$14,111,212	\$13,554,097
12.5% of the Operations and Maintenance Budget		\$9,562,673	\$9,875,074

EXHIBIT C
OAKLAND MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT
CAPITAL IMPROVEMENT PROGRAM
February 2024

Fund FND82912 Oakland Macomb InterceptorCh21

Current Construction Funds as of 12/31/2023

Project Description	Remaining Funds Committed for Capital Projects (In- progress)
PRJ-13308 OMID NI-EA CONSTRUCTION	\$3,431,553
PRJ-13309 NESPS MECH-ELEC CONSTRUCTION	\$7,982,508
PRJ-13252 OMID Segment 5 (2020 Series Bond Sale)	\$2,494,297
PRJ-17384 NIEA Contract II PCI-18/19 Bond Admin	\$47,809
PRJ-17408 NIEA Contract II Bond CONSTRUCTION	\$14,140,475
PRJ-17408 NIEA Contract II GLWA Anticipated Contribution	\$4,500,000
Total Remaining Expense in Construction Funds	\$32,596,642

Future Bonded Projects Through 2024

Project Description	Project Estimate
OMID Odor/Corrosion Facility Construction (Summer 2024)	\$14,000,000
Total Bonded Projects	\$46,596,642

Agenda Item No. 6

Utica Easement Agreements

EASEMENT FOR INGRESS / EGRESS

KNOW ALL MEN BY THESE PRESENTS, That the **CITY OF UTICA**, a Michigan Municipal Corporation, **GRANTOR**, whose address is 7550 Auburn Rd., Utica, Michigan 48317 for and in consideration of the sum of **ONE DOLLAR (\$1.00)** receipt of which is hereby acknowledged, paid to it by the **OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT**, ("Drainage District") a Michigan Statutory Corporation, acting through the Drainage Board for the **OAKLAND-MACOMB INTERCEPTOR DRAIN** pursuant to Act No. 40 of the Public Acts of 1956, as amended, **GRANTEE**, whose address is One Public Works Drive, Waterford, Michigan 48328-1907, **GRANTOR** does hereby grant to the **GRANTEE** perpetual right of access across the Premises described below, in accordance with the terms and conditions set forth herein:

RECITALS:

- A. The **GRANTOR** is the owner of certain real property described as follows (the "Premises"):

See attached EASEMENT EXHIBIT "A"

*Tax Identification No: 11-07-33-251-001, 11-07-33-252-002,
11-07-33-252-004 and 11-07-33-252-005*

- B. The **GRANTEE** desires to acquire from the **GRANTOR** certain rights to the Premises in order to construct, operate, maintain, repair or replace the Oakland-Macomb Interceptor Drain system.

and,

- C. **GRANTOR** acknowledges and accepts the rights of the **GRANTEE** to permanently maintain control and usage of said easement.

IT IS THEREFORE AGREED:

1. **Grant of a Permanent Easement.** Grantor hereby grants to Grantee a perpetual easement described as follows:

See attached EASEMENT EXHIBIT "A"

2. **Purpose of the Easement(s).** The permanent easement granted herein shall be used for the purpose of permitting **GRANTEE**, its employees, agents and contractors to cross over the premises in order to carry out the operation,

inspection, maintenance, repair or replacement of the Oakland-Macomb Interceptor Drain system located on adjacent property and to construct a permanent access road in the location set forth on Easement Exhibit "A" in order to facilitate said access.

3. **General Conditions.**

a. GRANTOR agrees not to build or convey to others permission to build any permanent structures on the above-described permanent easement that would interfere with the rights granted to GRANTEE by this easement.

b. Except as otherwise agreed in writing between GRANTOR and GRANTEE, GRANTEE may remove all trees and shrubbery within the permanent easement and shall not be required to replace trees and shrubbery that are removed.

c. Except as otherwise provided herein, if the Premises shall be disturbed by reason of GRANTEE's exercise of any of the foregoing powers, then the Premises shall be restored to substantially the condition that existed prior to entering upon said Premises by the GRANTEE, its contractors, agents or assigns.

d. GRANTOR retains, reserves, and shall continue to enjoy the use of the permanent easement for any and all purposes which do not interfere with, obstruct the use of or prevent the use by GRANTEE. Any unauthorized use or obstruction may be removed by GRANTEE after 60 days written notice by GRANTEE.

e. It is understood that the easement, rights, and privileges granted herein are nonexclusive, and GRANTOR reserves and retains the right to convey similar easements and rights to such other persons as GRANTOR may deem proper provided such similar easements do not affect GRANTEE'S Easement.

f. This Easement shall be binding upon and inure to the benefit of the Parties hereto, their heirs, representatives, successors and assigns. If the GRANTOR or any of GRANTOR's heirs, representatives, successors or assigns shall dedicate all or any part of the Premises affected by this Easement, then prior to such dedication, GRANTOR or GRANTOR's heirs, representatives, successors and assigns shall submit such dedication for review and approval from the GRANTEE, its heirs, successors or assigns.

g. A map of the above-described Easement is attached hereto and made a part thereof as EASEMENT EXHIBIT "B".

h. GRANTOR reserves the right to request a revision to the location of the easement area, which request shall not be unreasonably denied by GRANTEE so long as the revised easement area provides equivalent access to GRANTEE.

i. Also granted herein, is the right of ingress and egress for the GRANTEE to enter upon, access and use any and all presently existing or future driveways or related vehicular access areas of the premises for the purpose of permitting GRANTEE, its employees, agents and contractors to cross over the premises in order to carry out the operation, inspection, maintenance, repair or replacement of the OAKLAND-MACOMB INTERCEPTOR DRAIN located within adjacent property.

j. This instrument contains the entire agreement between the Parties relating to the rights herein granted and the obligations herein assumed. Any oral representations or modifications concerning this instrument shall be of no force and effect. Any modification of this Easement must be in writing and must be signed by the party to be charged.

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

l. It is further understood and agreed between the Parties that the terms and conditions herein are contractual and are not a mere recital and that there are no other agreements, understandings, contracts, or representations between GRANTOR and GRANTEE in any way related to the subject matter hereof, except as expressly stated herein.

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

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

(Remainder of this page intentionally left blank)

IN WITNESS WHEREOF, the GRANTOR has hereunto affixed their signatures this 5 day of March, 2024.

CITY OF UTICA,
a Michigan Municipal Corporation

By: [Signature] (L.S.)
Gus Calandrino

Its: Mayor

By: [Signature] (L.S.)
Lori Cooke

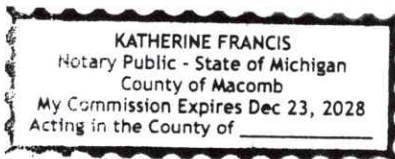
Its: Clerk

ACKNOWLEDGEMENT

STATE OF MICHIGAN)

COUNTY OF MACOMB)

On this 5 day of March, 2024, before me, a Notary Public in and for said County, personally appeared **Gus Calandrino** and **Lori Cooke** to me personally known, who being by me severally duly sworn did say that they are respectively the **Mayor** and **Clerk** of the **CITY OF UTICA**, a Michigan Municipal Corporation created and existing under the laws of the **State of Michigan**, and that the said Easement Grant was signed and sealed in behalf of said Corporation by authority of its City Council, and the said **Mayor** and **Clerk** acknowledged this instrument to be the free act and deed of the Corporation.



[Signature]
Katherine Francis, Notary Public
Macomb County, Michigan
My Commission Expires: Dec. 23, 2028
Acting in the County of Macomb

This instrument drafted by:

Jeffrey S. Parrott, Supervisor Right of Way
Office of the Oakland County Water Resources Commissioner's Office
One Public Works Drive
Bldg. 95 West
Waterford, Michigan 48328-1907

EASEMENT EXHIBIT "A"



ANDERSON, ECKSTEIN & WESTRICK, INC.

CIVIL ENGINEERS - SURVEYORS - ARCHITECTS

51301 Schoenherr Road, Shelby Township, MI 48315

586.726.1234 | www.aewinc.com

OCTOBER 6, 2023
AEW 0211-0166-D/0255-0026
SHEET 1 OF 4

PART OF THE 1989 UTICA ANNEX
PARCEL No. 07-33-251-001, 07-33-252-002, 07-33-252-004 AND 07-33-252-005

PART OF THE NORTHEAST QUARTER OF SECTION 33, TOWN 3 NORTH, RANGE 12 EAST, CITY OF UTICA, MACOMB COUNTY, MICHIGAN, BEING DESCRIBED AS:

COMMENCING AT THE EAST QUARTER POST OF SECTION 33, THENCE SOUTH 89 DEGREES 02 MINUTES 13 SECONDS WEST 1473.39 FEET ALONG THE EAST AND WEST QUARTER LINE OF SECTION 33 THE POINT BEGINNING; THENCE CONTINUING ALONG THE EAST AND WEST QUARTER LINE OF SECTION 33 SOUTH 89 DEGREES 02 MINUTES 13 SECONDS WEST 664.27 FEET TO THE EASTERLY RIGHT OF WAY OF CONRAIL; THENCE ALONG THE EASTERLY RIGHT OF WAY OF CONRAIL NORTHERLY ALONG A NON-TANGENT CURVE CONCAVE TO THE WEST HAVING A CENTRAL ANGLE OF 03 DEGREES 09 MINUTES 42 SECONDS, A RADIUS OF 3862.99 FEET, AN ARC DISTANCE OF 213.16 FEET AND WHOSE CHORD IS NORTH 12 DEGREES 17 MINUTES 51 SECONDS WEST 213.13 FEET ALONG THE EASTERLY RIGHT OF WAY OF CONRAIL; THENCE NORTH 67 DEGREES 12 MINUTES 00 SECONDS EAST 134.17 FEET; THENCE NORTH 74 DEGREES 56 MINUTES 00 SECONDS EAST 355.00 FEET; THENCE SOUTH 41 DEGREES 29 MINUTES 45 SECONDS EAST 258.05 FEET; THENCE SOUTH 80 DEGREES 59 MINUTES 02 SECONDS EAST 48.54 FEET; THENCE NORTH 74 DEGREES 41 MINUTES 49 SECONDS EAST 284.67 FEET; THENCE NORTH 29 DEGREES 50 MINUTES 52 SECONDS EAST 84.68 FEET; THENCE NORTH 74 DEGREES 36 MINUTES 00 SECONDS EAST 203.00 FEET TO THE CENTERLINE OF CASS STREET; THENCE ALONG THE CENTERLINE OF CASS STREET SOUTH 15 DEGREES 24 MINUTES 00 SECONDS EAST 150.73 FEET; THENCE SOUTH 74 DEGREES 42 MINUTES 09 SECONDS WEST 151.58 FEET; THENCE SOUTH 15 DEGREES 17 MINUTES 52 SECONDS EAST 51.00 FEET; THENCE SOUTH 74 DEGREES 42 MINUTES 09 SECONDS WEST 80.00 FEET THENCE SOUTH 15 DEGREES 17 MINUTES 52 SECONDS EAST 55.00 FEET; THENCE SOUTH 86 DEGREES 18 MINUTES 09 SECONDS WEST 338.23 FEET THENCE SOUTH 20 DEGREES 25 MINUTES 52 SECONDS EAST 12.80 FEET TO THE EAST AND WEST QUARTER LINE OF SECTION 33 ALSO BEING THE POINT OF BEGINNING.

SUBJECT TO ANY AND ALL EASEMENTS AND RIGHTS OF WAY OF RECORD OR OTHERWISE.

OMID ACCESS ROAD EASEMENT
PART OF PARCEL No. 07-33-251-001,
07-33-252-002, 07-33-252-004 AND 07-33-252-005

A PERMANENT ACCESS EASEMENT, PART OF THE NORTHEAST QUARTER OF SECTION 33, TOWN 3 NORTH, RANGE 12 EAST, CITY OF UTICA, MACOMB COUNTY, MICHIGAN, BEING DESCRIBED AS:

COMMENCING AT THE EAST QUARTER POST OF SECTION 33, THENCE SOUTH 89 DEGREES 02 MINUTES 13 SECONDS WEST 893.27 FEET ALONG THE EAST AND WEST QUARTER LINE OF SECTION 33 TO THE CENTERLINE OF CASS STREET; THENCE NORTH 15 DEGREES 24 MINUTES 00 SECONDS WEST 297.37 FEET ALONG THE CENTERLINE OF CASS STREET; THENCE SOUTH 74 DEGREES 42 MINUTES 08 SECONDS WEST 33.00 FEET TO THE WEST LINE OF CASS STREET AND THE POINT OF BEGINNING; THENCE SOUTH 74 DEGREES 42 MINUTES 08 SECONDS WEST 72.58 FEET; THENCE WESTERLY ALONG A TANGENT CURVE CONCAVE TO THE SOUTHEAST HAVING A CENTRAL ANGLE OF 25 DEGREES 06 MINUTES 55 SECONDS, A RADIUS OF 90.00 FEET, AN ARC DISTANCE OF 39.45 FEET AND WHOSE CHORD IS SOUTH 62 DEGREES 08 MINUTES 41 SECONDS WEST 39.14 FEET; THENCE SOUTH 49 DEGREES 35 MINUTES 13 SECONDS WEST 101.49 FEET; THENCE SOUTHWESTERLY ALONG A TANGENT CURVE CONCAVE TO THE NORTHWEST HAVING A CENTRAL ANGLE OF 25 DEGREES 06 MINUTES 55 SECONDS, A RADIUS OF 60.00 FEET, AN ARC DISTANCE OF 26.30 FEET AND WHOSE CHORD IS SOUTH 62 DEGREES 08 MINUTES 41 SECONDS WEST 26.09 FEET; THENCE SOUTH 74 DEGREES 42 MINUTES 08 SECONDS WEST 291.41 FEET; THENCE WESTERLY ALONG A TANGENT CURVE CONCAVE TO THE NORTH HAVING A CENTRAL ANGLE OF 31 DEGREES 08 MINUTES 40 SECONDS, A RADIUS OF 110.00 FEET, AN ARC DISTANCE OF 59.79 FEET AND WHOSE CHORD IS NORTH 89 DEGREES 43 MINUTES 32 SECONDS WEST 59.06 FEET; THENCE NORTH 74 DEGREES 09 MINUTES 12 SECONDS WEST 478.65 FEET; THENCE WESTERLY ALONG A TANGENT CURVE CONCAVE TO THE SOUTH HAVING A CENTRAL ANGLE OF 38 DEGREES 32 MINUTES 40 SECONDS, A RADIUS OF 90.00 FEET, AN ARC DISTANCE OF 60.55 FEET AND WHOSE CHORD IS SOUTH 86 DEGREES 34 MINUTES 28 SECONDS WEST 59.41 FEET; THENCE SOUTH 67 DEGREES 18 MINUTES 08 SECONDS WEST 118.29 FEET TO THE EASTERLY RIGHT OF WAY OF CONRAIL; THENCE NORTHERLY ALONG A NON-TANGENT CURVE CONCAVE

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EASEMENT EXHIBIT "A"



OCTOBER 6, 2023
AEW 0211-0006
SHEET 2 OF 4

TO THE WEST HAVING A CENTRAL ANGLE OF 0 DEGREES 18 MINUTES 01 SECONDS, A RADIUS OF 3862.99 FEET, AN ARC DISTANCE OF 20.25 FEET AND WHOSE CHORD IS NORTH 13 DEGREES 32 MINUTES 21 SECONDS WEST 20.25 FEET ALONG THE EASTERLY RIGHT OF WAY OF CONRAIL; THENCE NORTH 67 DEGREES 18 MINUTES 08 SECONDS EAST 115.13 FEET; THENCE EASTERLY ALONG A TANGENT CURVE CONCAVE TO THE SOUTH HAVING A CENTRAL ANGLE OF 38 DEGREES 32 MINUTES 40 SECONDS, A RADIUS OF 110.00 FEET, AN ARC DISTANCE OF 74.00 FEET AND WHOSE CHORD IS NORTH 86 DEGREES 34 MINUTES 28 SECONDS EAST 72.61 FEET; THENCE SOUTH 74 DEGREES 09 MINUTES 12 SECONDS EAST 478.65 FEET; THENCE EASTERLY ALONG A TANGENT CURVE CONCAVE TO THE NORTH HAVING A CENTRAL ANGLE OF 31 DEGREES 08 MINUTES 40 SECONDS, A RADIUS OF 90.00 FEET, AN ARC DISTANCE OF 48.92 FEET AND WHOSE CHORD IS SOUTH 89 DEGREES 43 MINUTES 32 SECONDS EAST 48.32 FEET; THENCE NORTH 74 DEGREES 42 MINUTES 08 SECONDS EAST 291.41 FEET; THENCE EASTERLY AND NORTHEASTERLY ALONG A TANGENT CURVE CONCAVE TO THE NORTHWEST HAVING A CENTRAL ANGLE OF 25 DEGREES 06 MINUTES 55 SECONDS, A RADIUS OF 40.00 FEET, AN ARC DISTANCE OF 17.53 FEET AND WHOSE CHORD IS NORTH 62 DEGREES 08 MINUTES 41 SECONDS EAST 17.39 FEET; THENCE NORTH 49 DEGREES 35 MINUTES 13 SECONDS EAST 101.49 FEET; THENCE EASTERLY ALONG A TANGENT CURVE CONCAVE TO THE SOUTHEAST HAVING A CENTRAL ANGLE OF 25 DEGREES 06 MINUTES 55 SECONDS, A RADIUS OF 110.00 FEET, AN ARC DISTANCE OF 48.22 FEET AND WHOSE CHORD IS NORTH 62 DEGREES 08 MINUTES 41 SECONDS EAST 47.83 FEET; THENCE NORTH 74 DEGREES 42 MINUTES 08 SECONDS EAST 72.52 FEET TO THE WEST LINE OF CASS STREET; THENCE ALONG THE WEST LINE OF CASS STREET SOUTH 15 DEGREES 24 MINUTES 00 SECONDS EAST 20.00 FEET TO THE POINT OF BEGINNING. CONTAINING 0.57 ACRES, MORE OR LESS.

SUBJECT TO ANY AND ALL EASEMENTS AND RIGHTS OF WAY OF RECORD OR OTHERWISE.

ANDERSON, ECKSTEIN AND WESTRICK, INC.

EASEMENT FOR INGRESS / EGRESS

KNOW ALL MEN BY THESE PRESENTS, That the CITY OF UTICA, a Michigan Municipal Corporation, GRANTOR, whose address is 7550 Auburn Rd., Utica, Michigan 48317 for and in consideration of the sum of ONE DOLLAR (\$1.00) receipt of which is hereby acknowledged, paid to it by the OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT, ("Drainage District") a Michigan Statutory Corporation, acting through the Drainage Board for the OAKLAND-MACOMB INTERCEPTOR DRAIN pursuant to Act No. 40 of the Public Acts of 1956, as amended, GRANTEE, whose address is One Public Works Drive, Waterford, Michigan 48328-1907, GRANTOR does hereby grant to the GRANTEE perpetual right of access across the Premises described below, in accordance with the terms and conditions set forth herein:

RECITALS:

- A. The GRANTOR is the owner of certain real property described as follows (the "Premises"):

See attached EASEMENT EXHIBIT "A"

Tax Identification No: 11-07-33-402-003

- B. The GRANTEE desires to acquire from the GRANTOR certain rights to the Premises in order to construct, operate, maintain, repair or replace the Oakland-Macomb Interceptor Drain system.

and,

- C. GRANTOR acknowledges and accepts the rights of the GRANTEE to permanently maintain control and usage of said easement.

IT IS THEREFORE AGREED:

1. **Grant of a Permanent Easement.** Grantor hereby grants to Grantee a perpetual easement described as follows:

See attached EASEMENT EXHIBIT "A"

2. **Purpose of the Easement(s).** The permanent easement granted herein shall be used for the purpose of permitting GRANTEE, its employees, agents and contractors to cross over the premises in order to carry out the operation, inspection, maintenance, repair or replacement of the Oakland-Macomb

Interceptor Drain system located on adjacent property and to construct a permanent access road in the location set forth on Easement Exhibit "A" in order to facilitate said access.

3. **General Conditions.**

a. GRANTOR agrees not to build or convey to others permission to build any permanent structures on the above-described permanent easement that would interfere with the rights granted to GRANTEE by this easement.

b. Except as otherwise agreed in writing between GRANTOR and GRANTEE, GRANTEE may remove all trees and shrubbery within the permanent easement and shall not be required to replace trees and shrubbery that are removed.

c. Except as otherwise provided herein, if the Premises shall be disturbed by reason of GRANTEE's exercise of any of the foregoing powers, then the Premises shall be restored to substantially the condition that existed prior to entering upon said Premises by the GRANTEE, its contractors, agents or assigns.

d. GRANTOR retains, reserves, and shall continue to enjoy the use of the permanent easement for any and all purposes which do not interfere with, obstruct the use of or prevent the use by GRANTEE. Any unauthorized use or obstruction may be removed by GRANTEE after 60 days written notice by GRANTEE.

e. It is understood that the easement, rights, and privileges granted herein are nonexclusive, and GRANTOR reserves and retains the right to convey similar easements and rights to such other persons as GRANTOR may deem proper provided such similar easements do not affect GRANTEE'S Easement.

f. This Easement shall be binding upon and inure to the benefit of the Parties hereto, their heirs, representatives, successors and assigns. If the GRANTOR or any of GRANTOR's heirs, representatives, successors or assigns shall dedicate all or any part of the Premises affected by this Easement, then prior to such dedication, GRANTOR or GRANTOR's heirs, representatives, successors and assigns shall submit such dedication for review and approval from the GRANTEE, its heirs, successors or assigns.

g. A map of the above-described Easement is attached hereto and made a part thereof as EASEMENT EXHIBIT "B".

h. GRANTOR reserves the right to request a revision to the location of the easement area, which request shall not be unreasonably denied by GRANTEE so long as the revised easement area provides equivalent access to GRANTEE.

i. Also granted herein, is the right of ingress and egress for the GRANTEE to enter upon, access and use any and all presently existing or future

driveways or related vehicular access areas of the premises for the purpose of permitting GRANTEE, its employees, agents and contractors to cross over the premises in order to carry out the operation, inspection, maintenance, repair or replacement of the OAKLAND-MACOMB INTERCEPTOR DRAIN located within adjacent property.

j. This instrument contains the entire agreement between the Parties relating to the rights herein granted and the obligations herein assumed. Any oral representations or modifications concerning this instrument shall be of no force and effect. Any modification of this Easement must be in writing and must be signed by the party to be charged.

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

l. It is further understood and agreed between the Parties that the terms and conditions herein are contractual and are not a mere recital and that there are no other agreements, understandings, contracts, or representations between GRANTOR and GRANTEE in any way related to the subject matter hereof, except as expressly stated herein.

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

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

(Remainder of this page intentionally left blank)

IN WITNESS WHEREOF, the GRANTOR has hereunto affixed their signatures this 5 day of March, 2024.

**CITY OF UTICA,
a Michigan Municipal Corporation**

By: [Signature] (L.S.)
Gus Calandrino

Its: Mayor

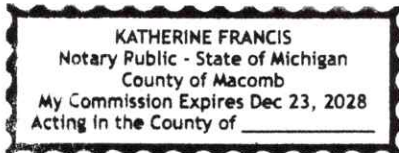
By: [Signature] (L.S.)
Lori Cooke

Its: Clerk

ACKNOWLEDGEMENT

STATE OF MICHIGAN)
COUNTY OF MACOMB)

On this 5 day of March, 2024, before me, a Notary Public in and for said County, personally appeared **Gus Calandrino** and **Lori Cooke** to me personally known, who being by me severally duly sworn did say that they are respectively the **Mayor** and **Clerk** of the **CITY OF UTICA**, a Michigan Municipal Corporation created and existing under the laws of the **State of Michigan**, and that the said Easement Grant was signed and sealed in behalf of said Corporation by authority of its City Council, and the said **Mayor** and **Clerk** acknowledged this instrument to be the free act and deed of the Corporation.



[Signature]
Katherine Francis, Notary Public
Macomb County, Michigan
My Commission Expires: Dec. 23, 2028
Acting in the County of Macomb

This instrument drafted by:

Jeffrey S. Parrott, Supervisor Right of Way
Office of the Oakland County Water Resources Commissioner's Office
One Public Works Drive
Bldg. 95 West
Waterford, Michigan 48328-1907

EASEMENT EXHIBIT "A"



ANDERSON, ECKSTEIN & WESTRICK, INC.

CIVIL ENGINEERS - SURVEYORS - ARCHITECTS

Shelby Township - Roseville - Livonia
586.726.1234 | www.aewinc.com

NOVEMBER 21, 2023
AEW 0255-0026
SHEET 1 OF 2

DESCRIPTION
PARCEL 07-33-402-003

PART OF THE SOUTHEAST QUARTER OF SECTION 33, TOWN 3 NORTH, RANGE 12 EAST, CITY OF UTICA, MACOMB COUNTY, MICHIGAN, BEING DESCRIBED AS:

BEGINNING AT THE INTERSECTION OF THE EASTERLY RIGHT OF WAY LINE OF CONRAIL WITH THE EAST AND WEST QUARTER LINE OF SECTION 33; THENCE EASTERLY ALONG THE EAST AND WEST QUARTER LINE OF SECTION 33 TO THE CENTERLINE OF THE CLINTON-KALAMAZOO CANAL; THENCE SOUTHERLY ALONG THE CENTERLINE OF THE CLINTON-KALAMAZOO CANAL TO THE INTERSECTION OF THE CENTERLINE OF THE CLINTON-KALAMAZOO CANAL WITH THE SOUTH LINE OF THE WESTERLY EXTENSION OF CANAL STREET; THENCE SOUTH 74 DEGREES 36 MINUTES WEST 979.00 FEET TO THE EASTERLY RIGHT OF WAY LINE OF CONRAIL; THENCE NORTHERLY ALONG THE EASTERLY RIGHT OF WAY LINE OF CONRAIL TO THE POINT OF BEGINNING.

FROM RECORDS ONLY. NO FIELD SURVEY PERFORMED.

OMID ACCESS ROAD EASEMENT PERMANENT 20.00 WIDE ACCESS EASEMENT

A PERMANENT 20.00 FEET WIDE ACCESS EASEMENT, LYING 10.00 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE, AND BEING A PART OF THE SOUTHEAST QUARTER OF SECTION 33, TOWN 3 NORTH, RANGE 12 EAST, CITY OF UTICA, MACOMB COUNTY, MICHIGAN, BEING DESCRIBED AS:

COMMENCING AT THE INTERSECTION OF THE SOUTH RIGHT OF WAY LINE OF HAHN STREET (PLATTED AS CANAL STREET, 49.5 FEET WIDE) AND THE WESTERLY RIGHT OF WAY LINE OF BROWNELL STREET (PLATTED AS CLINTON STREET, 49.5 FEET WIDE) AS RECORDED IN ASSESSOR'S REPLAT OF JOHN STEAD'S ADDITION TO THE VILLAGE OF UTICA, LIBER 13 OF PLATS, PAGE 48, MACOMB COUNTY RECORDS; THENCE SOUTH 74 DEGREES 36 MINUTES 00 SECONDS WEST 280.00 FEET ALONG THE SOUTHERLY LINE OF HAHN STREET TO THE WEST RIGHT OF WAY LINE OF HAHN STREET AS RECORDED IN ASSESSOR'S REPLAT OF JOHN STEAD'S ADDITION TO THE VILLAGE OF UTICA, LIBER 13 OF PLATS, PAGE 48, MACOMB COUNTY RECORDS; THENCE NORTH 15 DEGREES 49 MINUTES 06 SECONDS EAST 29.00 FEET ALONG THE WESTERLY RIGHT OF WAY LINE OF HAHN STREET TO THE POINT OF BEGINNING OF THIS DESCRIBED CENTERLINE; THENCE SOUTH 85 DEGREES 59 MINUTES 27 SECONDS WEST 208.51 FEET; THENCE SOUTH 75 DEGREES 12 MINUTES 14 SECONDS WEST 570.48 FEET; THENCE SOUTH 63 DEGREES 31 MINUTES 12 SECONDS WEST 100.73 FEET; THENCE SOUTH 48 DEGREES 43 MINUTES 55 SECONDS WEST 61.74 FEET; THENCE SOUTH 17 DEGREES 42 MINUTES 04 SECONDS WEST 30.65 FEET TO THE POINT OF ENDING, SAID POINT OF ENDING BEING ON THE SOUTHERLY LINE OF THE ABOVE DESCRIBED PARCEL.

SUBJECT TO ANY AND ALL EASEMENTS AND RIGHTS OF WAY OF RECORD OR OTHERWISE.

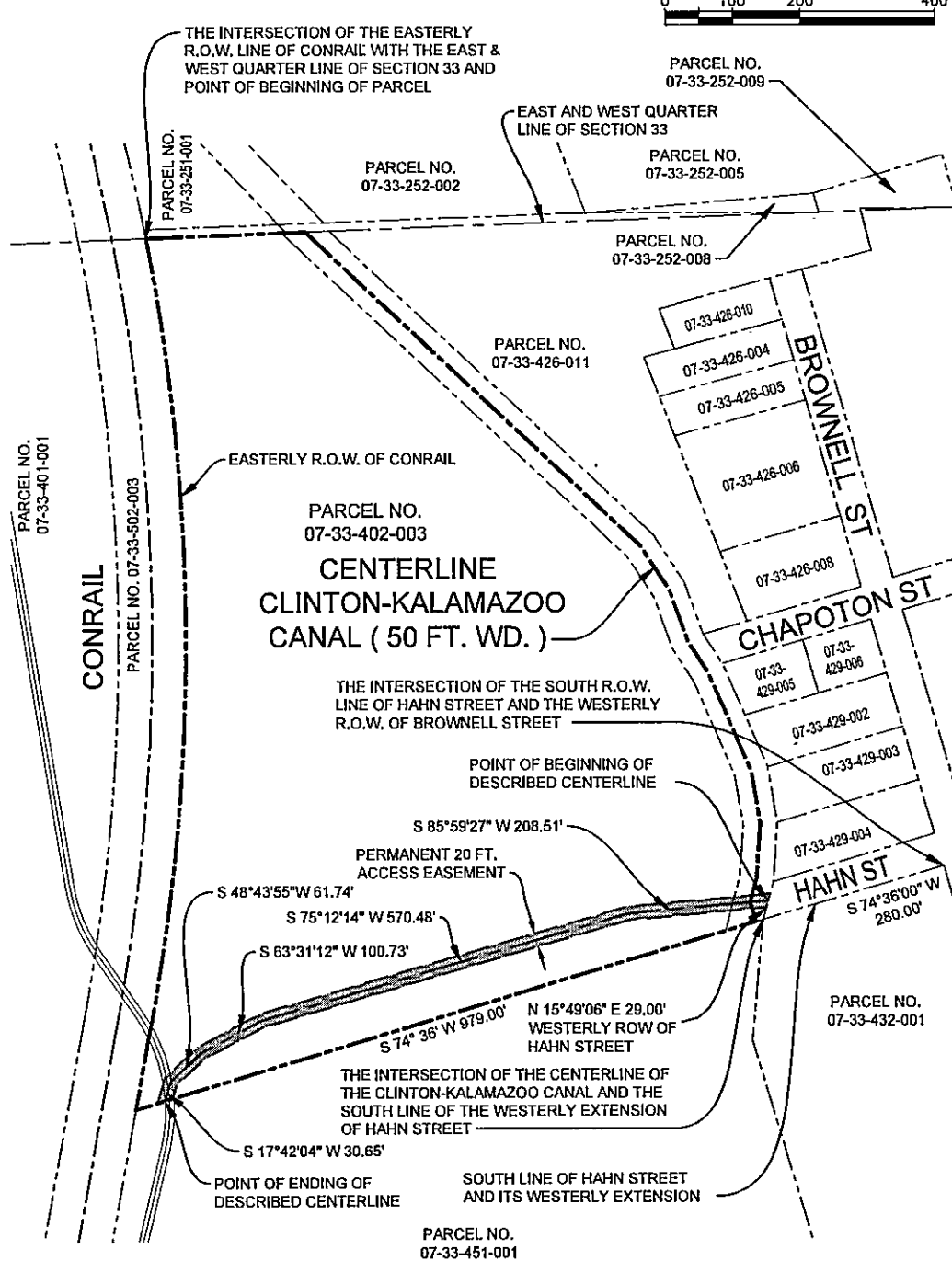
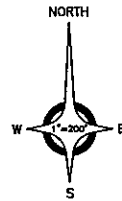
ANDERSON, ECKSTEIN AND WESTRICK, INC.
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**ANDERSON, ECKSTEIN AND
WESTRICK, INC.**

CIVIL ENGINEERS SURVEYORS ARCHITECTS
51301 Schoenherr Rd Phone 586 726 1234
Shelby Township Fax 586 726 8780
Michigan 48315 www.aewinc.com

EASEMENT EXHIBIT "B"



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SEE SHEET 1 OF 2 FOR DESCRIPTIONS

PARCEL I.D. NO.: 07-33-402-003		AEW NO.: 0255-0026		REV:	
SEC: 33	TWP: UTICA	COUNTY: MACOMB	EASEMENT NO.: HAHN STREET_EASE		CONST. PLAN PAGE NO.:
DRAWN BY: ESR	CHECKED BY: SJK	SCALE: 1"=20'	TITLE SEARCH:		SHEET 2 OF 2

Agenda Item No. 7

**NESPS Pumping and Electrical Upgrades HVAC
Component Assets to GLWA**



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: Request for Transfer of NESPS Pumping and Electrical Upgrades
Project's HVAC Component Assets to the Great Lakes Water Authority**

DATE: April 17, 2024

The NESPS Pumping and Electrical Upgrades Project (Project #1-3309) is complete with the installation of the HVAC components in the new electrical room. As part of the Article 22.09 of the March 2019 Amendment #1 to the Wastewater Disposal Services Contract between the Great Lakes Water Authority and OMIDDD, upon completion of an NESPS or NI-EA related project, OMIDDD needs to formally hand over the assets installed, modified or replaced as part of the project. A list of assets pertaining to the NESPS Pumping and Electrical Upgrades Project HVAC components are listed below and are also appended to this packet. We request the Board formally authorize the transfer of these assets from OMIDDD to GLWA.

The total construction cost of the HVAC components are as follows (see appended CIP):

Air Handling Unit-1:	\$41,025.00
Air Handling Unit-2:	\$41,025.00
Air Condensing Unit-1:	\$47,400.00
Air Condensing Unit-2:	\$47,400.00
Split System Air Conditioner:	\$25,400.00
Unit Heaters 1-8:	\$12,600.00
Purafil Vertical Air Filter:	\$23,500.00
Stairwell Exhaust Fan No. 1	\$4,750.00
Stairwell Exhaust Fan No. 2	\$4,750.00
Corridor 1, Exhaust Fan 3	\$4,400.00
Corridor 2, Exhaust Fan 6	\$5,500.00
Total HVAC System:	\$257,750.00

Requested Action: Authorize the formal transfer of the NESPS Pumping and Electrical Upgrades Project's (#1-3309) HVAC component assets shown to GLWA.



Northeast Sanitary Pump Station (NESPS) OMIDDD/GLWA Equipment Turnover Transmittal

Equipment: NESPS Pumping and Electrical Upgrades Project - Installation of HVAC Components in the New Electrical Building

Description: The HVAC System for the new electrical building at NESPS has been completed. The equipment turned over includes air handling units, split system air conditioners, electric unit heaters, and vertical air pressure filter.

HVAC Equipment and Total Cost of Work: \$257,750.00

Date Placed in Service: 8/17/2022

Date Warranty Expires: 8/17/2023

Date Transferred to GLWA: 4/17/2024

Released by OMIDD: _____ **Date:** _____

(Print Name/Title/Organization)

Accepted by GLWA: _____ **Date:** _____

(Print Name/Title/Organization)

Attachments (all Electronic with hard copy for Item 1 and 2):

- 1) OMIDDD Board Packet and Minutes Authorizing Transfer of Assets to GLWA (PDF)
- 2) OMIDDD Detailed Equipment List with Asset ID Numbers and Valuation (Excel/PDF)
- 3) As-Built Plans (PDF)
- 4) As-Built Specifications (PDF)
- 5) Approved Submittals (PDF)
- 6) Training and Instrumentation Acceptance (PDF)
- 7) Operations and Maintenance Manual (PDF)

NESPS Electrical Room HVAC Asset List for Turnover 4/17/2024

Active

Assets

Asset Number	Asset Name	Description	Class Name	Location	Department Name	Install Date	Asset Valuation
01161	NESPS-AHU-1	Electrical Room Air Handling Unit 1	Air Handler	Electrical Room	NESPS	8/17/2022	\$41,025.00
01162	NESPS-AHU-2	Electrical Room Air Handling Unit 2	Air Handler	Electrical Room	NESPS	8/17/2022	\$41,025.00
01163	NESPS-ACCU-1	Electrical Room Air Condensing Unit 1	Air Handler	Electrical Room Roof	NESPS	8/17/2022	\$47,400.00
01164	NESPS-ACCU-2	Electrical Room Air Condensing Unit 2	Air Handler	Electrical Room Roof	NESPS	8/17/2022	\$47,400.00
01165	NESPS-ACU-1	Split System Air Conditioning Unit for Control Room with Outdoor Condensing Unit	Package AC Unit	Control Room	NESPS	8/17/2022	\$25,400.00
01166	NESPS-EUH-1	Electrical Room Electric Unit Heater 1	Electric Unit Heater	Electrical Room	NESPS	8/17/2022	\$1,575.00
01167	NESPS-EUH-2	Electrical Room Electric Unit Heater 2	Electric Unit Heater	Electrical Room	NESPS	8/17/2022	\$1,575.00
01168	NESPS-EUH-3	Electrical Room Electric Unit Heater 3	Electric Unit Heater	Electrical Room	NESPS	8/17/2022	\$1,575.00
01169	NESPS-EUH-4	Electrical Room Electric Unit Heater 4	Electric Unit Heater	Electrical Room	NESPS	8/17/2022	\$1,575.00
01170	NESPS-EUH-5	Electrical Room Electric Unit Heater 5	Electric Unit Heater	Electrical Room	NESPS	8/17/2022	\$1,575.00
01171	NESPS-EUH-6	Electrical Conduit Chase Electric Unit Heater 6	Electric Unit Heater	Conduit Chase	NESPS	8/17/2022	\$1,575.00
01172	NESPS-EUH-7	Electrical Conduit Chase Electric Unit Heater 7	Electric Unit Heater	Conduit Chase	NESPS	8/17/2022	\$1,575.00
01173	NESPS-EUH-8	Electrical Conduit Chase Electric Unit Heater 8	Electric Unit Heater	Conduit Chase	NESPS	8/17/2022	\$1,575.00
01174	NESPS-PPU-FL-1	Purafil Positive Pressurization Filter Unit	Positive Pressurization Unit	Electrical Room	NESPS	8/17/2022	\$23,500.00
01175	NESPS-EF-1	Stairwell No 2 Exhaust Fan 1	Fan	Stairwell 2	NESPS	8/17/2022	\$4,750.00
01176	NESPS-EF-2	Stairwell No 1 Exhaust Fan 2	Fan	Stairwell 1	NESPS	8/17/2022	\$4,750.00
01177	NESPS-EF-3	Corridor 1 Exhaust Fan 3	Fan	Corridor 1	NESPS	8/17/2022	\$4,400.00
01178	NESPS-EF-6	Corridor 2 Exhaust Fan 6	Fan	Corridor 2	NESPS	8/17/2022	\$5,500.00

Agenda Item No. 8

Walsh Construction Contract Increase



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: Request to Increase Oakland County Fiscal Contract with Walsh Construction Company II (#WDCON8765) by a Not-to-Exceed Amount of \$5,500,000 for the Purposes of Insurance Reimbursements

DATE: April 17, 2024

Last month, the OMIDDD Board approved a Partial Proof of Loss Payment by CHUBB for damages associated with the Motor Control Center Arc Flash that occurred on August 22, 2022 (Claim #KY22K2837659). To ultimately facilitate payments to Walsh, Walsh's Oakland County Fiscal Contract Amount will need to be increased. Normally, this process is carried out via a fully executed Change Order that is approved by the Board. As these insurance reimbursements are not reflective of the true cost of the project (contract value), we believe this mechanism should not be utilized to increase Walsh's contract. Preferably, we ask that the Board authorize Oakland County Fiscal Services to directly increase Walsh's Contract #WDCON8765 by a not to exceed amount of \$5,500,000. This amount will solely be utilized for the distribution of CHUBB claim payments made to OMIDDD that are owed to Walsh.

Requested Action: Authorize Oakland County Fiscal Services to Increase Walsh Construction Company II Contract #WDCON8765 by a Not-to-Exceed Amount of \$5,500,000.

Agenda Item No. 9

Construction Estimates

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

Regular Construction Estimate No. Forty- Two
Page One of Two

March 01, 2024 through March 31, 2024

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

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

Orig. GMP amount for Pump & Elec. Upgrades Project, and including CS-9	\$44,107,745.19
Pre-Construction Payment (Separate Accounting)	(\$1,244,560.00)
NESPS Pump & Elec. Upgrades Original Contract Budget	\$42,863,185.19
Change Orders, This Estimate: C.O. No. 41	\$223,102.80
Previous C.O.s: (Numbers 7 through No. 40 and CS-9 # 1 through # 4)	\$7,025,309.08
Note: C.O. # 30 includes the budget transfer of \$70,196.70 from Pre-Con to GMP budget)	\$70,196.70
Adjusted Contract Amount including CS-9 values	\$50,181,793.77
Sub-Total To Date	\$ 41,470,097.93
Less Deductions: None	\$ -
Less Amount Reserved (max. 10% of 50% of total CV, including CS-9 value)	\$ 2,509,089.67
Total Amount Allowed To Date: Work in Place = 83 % complete	\$38,961,008.26
Less Previous Estimates:	\$38,681,318.42
Payment Due	\$279,689.84
Reserve Pay to Contractor:	\$0.00
Amount remaining to complete: \$8,711,695.84	Accounting Auditor:
Amount to be Reserved	2,509,089.67
Less Previous Transfer to Reserve	2,497,934.53
Amount of Current Transfer	\$11,155.14

Regular Construction Estimate No. 42; March, 2024 - NESPS Pump & Electrical Upgrades

Page Two of Two

Prepared by: _____

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

Date: _____

Recommended by: _____

John Michalski, P.E., ASI

Date: _____

Recommended by: _____

Joel Brown, P.E. Oakland County WRC

Date: _____

Recommended by: _____

Stephen Downing; Macomb County OPWC

Date: _____

Regular Construction Estimate No. 42; March, 2024

NESPS Pump & Electrical Upgrades Project

Approved By Board On: _____

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

Regular Construction Estimate No. 37

Period: March 01 through March 31, 2024

Department No.:	6010101	Account No.:	731472
Fund No.:	84917	Program No.:	149015
Project No.:	1-00000003308	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:	May 12, 2023
Cleveland, OH 44103			

Original Construction Contract Amount	\$14,732,510.00
Previous Change Orders: No. One, Two, Three, Four, and Five	\$1,287,656.61
Change Orders This Estimate: None	\$0.00
Total Net Change Orders:	\$1,287,656.61
Adjusted Contract Amount:	\$16,020,166.61
Sub-Total To Date	\$15,639,784.95
Less Deductions: None	\$0.00
Gross Estimate, Work in Place 97.6 % Complete	\$15,639,784.95
Less Amount Reserved (Max. at 10% of 50% of adjusted C.V.)	\$801,008.33
Total Amount Allowed To Date:	\$14,838,776.62
Less Previous Estimates	\$14,802,776.62
Net Payment Request To Be Paid To Contractor:	\$36,000.00
Reserve Payment to Contractor:	\$0.00
Amount remaining to Completion: \$ 380,381.66	Accounting Auditor:
Amount to be Reserved from Above	\$801,008.33
Less Previous Transfers To Reserve:	\$801,008.33
Amount of Current Transfer	\$0.00

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

Date: _____

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

Date: _____

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

Date: _____

Recommended by: _____
 Stephen Downing; Macomb County OPWC

Date: _____

Regular Pay Estimate No 37; March 01 through March 31, 2024

Approved By Board On: _____

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

Regular Construction Estimate No. Eight (Contr. 2-A Only) Period: March 01 through March 31, 2024

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

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

Original Construction Contract Amount	(Contract 2-A, Only)	\$9,488,650.00
Previous Change Orders: None		\$0.00
Change Orders This Estimate: C.O. No. One		\$37,930.25
Total Net Change Orders:		\$37,930.25
Adjusted Contract Amount: (Contract 2A Only)		\$9,526,580.25
Sub-Total To Date		\$4,880,306.30
Less Deductions: None		\$0.00
Gross Estimate, Work in Place	51.2 % Complete	\$4,880,306.30
Less Amount Reserved (Max. at 10% of 50% of adj. C.V.)		\$476,329.02
Total Amount Allowed To Date:		\$4,403,977.28
Less Previous Estimates		\$3,273,639.24
Net Payment Request To Be Paid To Contractor:		\$1,130,338.04
Reserve Payment to Contractor:		\$0.00
Balance to Finish: \$ 4,646,273.95	Accounting Auditor:	
Amount to be Reserved from Above		\$476,329.01
Less Previous Transfers To Reserve:		\$363,737.69
Amount of Current Transfer		\$112,591.32

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

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

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

Recommended by: _____
 Stephen Downing; Macomb County OPWC Date: _____

Regular Pay Estimate No. Eight; March 01 through March 31, 2024 Approved By Board On: _____

Agenda Item No. 10

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

Oakland Macomb Interceptor Drain (OMID) Repairs

Project Progress Update

Prepared by:

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

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

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

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

April 17, 2024 OMIDDD Board Meeting

The following provides a status update as of the writing of this report (April 9, 2024) for the work completed for the Oakland-Macomb Interceptor Drain Repair Program (SRF Segments 1-4; Contract 7 PCI-4 repairs; Maintenance Repairs in PCI-5 through PCI-11A; Control Structure Modifications; NIEA Repairs; NESPS Upgrades; Odor/ Corrosion Control System, and other related work):

SRF Segment 1 Status:

Contracts 1&2: Complete

System-wide Odor/Corrosion Study: Complete

Odor and Corrosion Control Design

- Project Budget: \$1,054,052.86
- Total Spent (Invoice No. 13, through December 2023): \$936,616.53
- Effort is currently on time in accordance with Jacobs' latest design schedule.

Status of Major Project Tasks:

- The Issued for Bids package (plans and specs) was submitted to OMIDDD on March 7, 2024. The permitting includes pending Sterling Heights' site plan review and building department approval.
- Coordination meeting scheduled with Sterling Heights week of April 8, 2024 to discuss bidding schedule, anticipated construction schedule, and work restrictions.
- Project is expected to be ready for bid advertisement in late April/early May 2024, with Notice to Proceed expected in August 2024. Bonding the project is in progress.
- The design of the 15 Mile Road/ITC Corridor (CS-6) odor/corrosion control system is currently on hold until the terms for grant funding of the adjacent Sterling Heights parcel (east of the ITC Corridor) are clarified with the National Park Service (grant originator), and data from other odor control sites is available.

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 (which is close!)

Contract 6: Complete

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

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

NESPS & OMID Maintenance, Operations & Upgrades Status:

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

- Mersino is under contract for standby emergency bypass pumping. No activity this month.
- The OMIDDD Project Team has finalized design for keeping the 15 Mile Road bypass pumping arrangement (initially constructed in summer 2021) intact and buried below grade, pending final agreement with ITC and other easement owners. Currently under review by ITC, Sterling Heights, and coordinating with other easement holders. Final design package to be used to solicit bids from several OCWRC and MCPWS Blanket Contract Holders. Field work will follow after requirements for MIDDD Segment 5 pipe storage are complete (summer 2024).
- Remaining items in the final emergency plan include punch-list and optimization steps for electrification, modifications at the 15 Mile Road Site, and overall optimization of the Emergency Plan per above. The final plan document will be revised after final installation of the emergency pumping conveyance conduit.

Additional work being performed under Metco Maintenance Contract for NESPS:

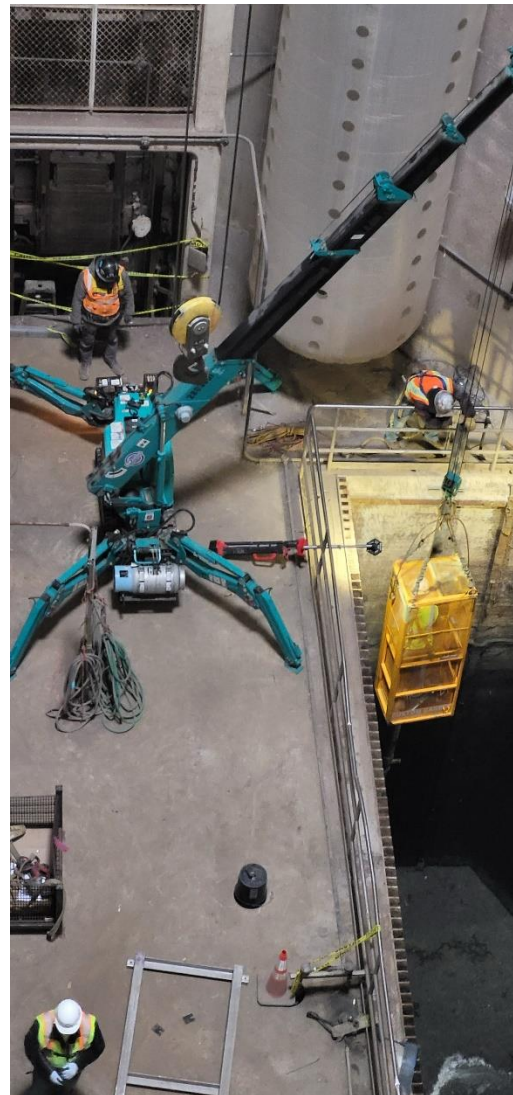
- Mechanical and Electrical corrective/preventative maintenance schedules continue.
- Coordination between OMIDDD, GLWA, MIDDD, NESPS, and Pump/Electrical Upgrade Project is ongoing and has not impacted station operations or the ability to meet demand.
- The wet well elevator remains disabled, with re-construction plans in progress. Progress toward final completion in 2024 continues with custom parts starting to arrive according to Lardner. Construction start is anticipated for April-May 2024.
- Lardner has applied for the final Dry Well Elevator Permit from the City of Detroit. The closeout inspection and emergency power tie-in has been scheduled for the week of April 8, 2024; the elevator re-cabling and sheave replacement will also take place during this period.
- The quarterly wet well bar screen cleaning took place on March 20, 2024. A re-visit is

necessary to complete the cleaning. The south well was targeted as the north well was cleaned during NLB demonstration on February 6, 2024. NLB will return, following modifications based upon challenges experienced during the demonstration. Currently working towards scheduling. Overall, both North and South screens are mostly clear and in good condition.

- The “stilling well” in the north wet well, part of the level sensor system, was installed during wet well cleaning operations. Calibration of the stilling well is required.
- The 25-ton and 4-ton crane are now operational. Inspections were completed on March 15, 2024 with no issues noted. Inspection report on file.

Overall NESPS Station Performance Report by METCO:

- Mechanical: Sanitary Pumps #1 #2, #3, and #6 remain ready for duty (Pumps #1 and #3 are provisionally approved for use). Total Pumping Capacity equals 450 CFS. Contract Capacity 423cfs. Firm Capacity 400cfs. The vibration issues observed on shutdown at Sanitary Pumps #1 and #3 have not been resolved but adjustments to vibration timer settings have resulted in uninterrupted performance. A letter of facts surrounding the vibration issue, Pump #1 and Pump #3 oil leaks, and various other concerns was submitted to Flowserve. Flowserve has not yet responded.
- Adjustments were made to the MPR (Motor Protection Relay) by Walsh and Rotor due to nuisance trips of Pumps #1 and #3. The team continues to monitor and adjust.
- Sanitary Pump #4 remains out of service, after the Variable Frequency Drive (VFD) failed catastrophically, and the unit was deemed unserviceable. A purchase order for a new Toshiba MV 2000HP VFD Drive was submitted by Rotor on October 27, 2023. Shop drawings were received January 29, 2024; with review comments by the Engineering team complete and returned. Project remains on schedule for mid-July, 2024.
- The overhaul of Sanitary Pump #4 shaft bearings and pump mechanical seal is scheduled to begin May 5, 2024. The project remains on track for completion in July 2024.
- A physical model of Pumps #1 and #3 is now slated for completion in late April 2024 after a delay. It is anticipated that this model will allow for evaluation of the capacity issues experienced since installation.
- The wet well dewatering pump remains ready for duty.
- NESPS/GLWA LOTO (Lock-Out Tag-Out) continues as a primary means of safety communication.
- The primary switchgear in the existing station remains double-ended with two sources of utility power (new, Transformer #3 and existing, Transformer #4). The new Transformer #4 is to be connected to the DTE distribution system in the May 20-24, 2024 timeframe. The old Transformer #4 will be isolated and is slated for demolition.



Installation of stilling well level sensor in north wet well

- Generator back-up has been altered due to necessary upgrades to the Digital and Master Synchronizer Load Controllers (DSL/MSL), which integrates the new switchgear with the generators. This task was completed in this reporting period.
- Dry well submersible sump Pumps #1 and #2 are in service and ready for duty.
- CMMS: NEXGEN asset management in use. Monthly status meetings are being held with OMID. Contractors are fulfilling their requirements with no outstanding issues to report.
- HVAC: Gas detection is in use. Rounds are conducted daily. Unit air filters are restocked and changed as required. The analog communication issue between devices requires a service technician visit (Green Building) to resolve the problem. Station ventilation and gas detection continue to be closely monitored.
- Bio Filter performance has been acceptable.
- Overall General Housekeeping tasks remain in order. Minor maintenance activities continue to be addressed in a timely manner.

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

- Daily flow control operations continue to support MID/OMID/NIEA repair and improvement projects. (Weather permitting).
- Semi-Annual Preventative Maintenance CS-8, CS-7, and CS-6 completed on April 4, 2024.
- All LOTO protocols remain in place.
- System-wide communications are good.
- CS-6 gate is in stand-by mode and ready for service. Loose and missing bolts were found and corrected during preventative maintenance tasks.
- CS-5 and CS-8 in stand-by mode and ready for service.
- CS-9 in stand-by mode and ready for service. A Non-Conformance Notice “CS-9 Electrical Wiring Conduit/Junction Box Connection Deterioration” was issued February 22, 2024 due to premature corrosion. A temporary fix was completed on February 9, 2024. Discussions regarding apparent non-conforming washers are ongoing.
- Routine daily rounds and inspections made.

Other System Operation Issues

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

OMID Control Structure Upgrades Status:

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

OMID System 6-Year Inspection Status:

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

NIEA Repairs (Design/Construction)

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

Amt Invoiced: Construction cost to date is \$15,639,784.95, representing approx. 97.6% of the adjusted Contract value.

Schedule Status: The adjusted Contract Substantial Completion date is April 12, 2023, with the final realized SC date being January 19, 2024. The Contractor is operating approximately 293 days behind the adjusted schedule, with time extension requests under consideration. A final Change Order is being prepared that will consider potential liquidated damages versus time due Contractor for various issues.

Contract 1 (PCI-4 Rehabilitation) Construction Status:

- The Contractor is performing an additional extra work task to clean and provide protective cementitious coating on specific areas in the NESPS Gatehouse that have experienced additional severe corrosion and deterioration. This task will require up to 1.5 weeks, which will slightly extend the schedule for final completion.
- Work is complete on the end-taper segments of the lining.
- The Outer Drive Access Shaft work is complete with fence and concrete barriers removed, and topsoil placement with seed and mulch now also in place. The site was opened to traffic on February 21, 2024.
- Final geotechnical monitoring of construction activities at the access shaft location is complete, with final documentation indicating stable conditions and no significant movements outside expected range.



Status at Outer Drive Site

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

Amt Invoiced: \$4,880,306.30 out of \$9,526,580.25 (construction, Contract 2A only) representing 51.2 % complete.

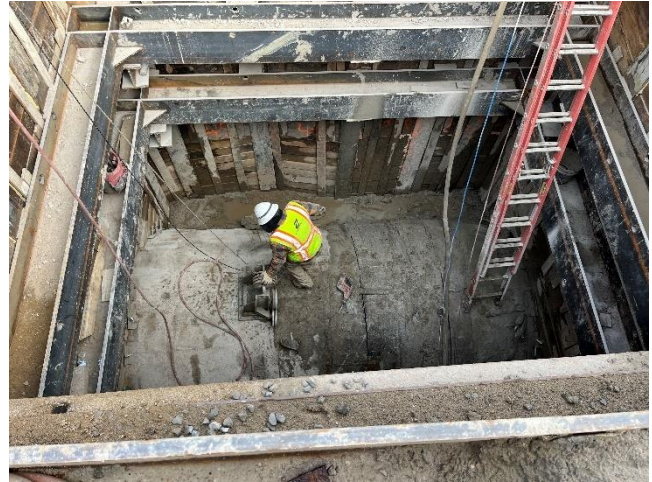
Schedule Status: Contract 2A: Approximately 90 + days behind as a result of permit and water main relocation issues; this time will be adjusted with the Contractor, with no currently anticipated increase in construction budget. The Contractor is now in full operation with progress moving forward as anticipated.

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

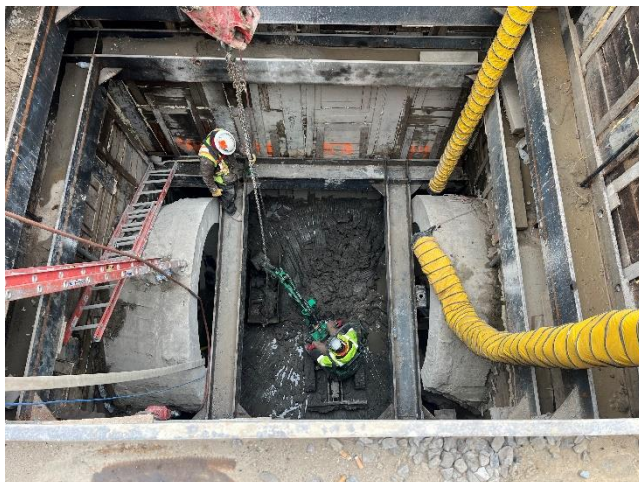
- Traffic control equipment is in place including signal, lane closure, and signage revisions.
- The Seven Mile shaft TERS is complete, including mudmat and structural slab. Work is now underway on the structure wall reinforcing steel and formwork.
- Geotechnical instrumentation continues to indicate stable conditions, with no ground movements significantly out of expected range.
- Work at the PC-663 structure has included the removal of the existing stop gate (to be replaced with new) and minor concrete work within the chamber. Work is underway to complete the (modified) TERS for the PC 663 excavation in preparation for installation of the new precast roof sections.
- Restoration of the Seven Mile DWSD watermain is complete and the main has been returned to service.



Water main relocation near 7 Mile gate structure



Concrete cutting of existing 8-ft pipe at PC-663



Removal of 8-ft pipe at PC-663



Placement of structural base slab at PC-663

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

Work Item/ Milestone	Estimated Budget Expenditure (Engineering)	Estimated Budget Expenditure (Contractor)	Estimated Delivery Date
Contract Award and NTP			12/16/2020 and 1/04/2021 (Contract 1) 6/20/23 and 7/1/23 (Contract 2)
Subtotal - Design	\$2,400,570		
Substantial Completion of Construction	\$3,500,000	\$28,630,000	Contract 1, projected SC at 4/24; FC 4/24 Contract 2A& B, est. 2/25 and 10/25.

NESPS Pump and Electrical Upgrades Project

Budget Status: The total construction amount invoiced as of November 30, 2023, is \$ 41,179,252.95 out of \$49,958,690.86 (including the operational Control Structure 9 Bulkhead Gate facility and adjusted for stored material inclusion in major work activities), representing 82.4% of the Pump & Electrical Upgrades Project, with additional change order additions equalizing the regular work completion values.

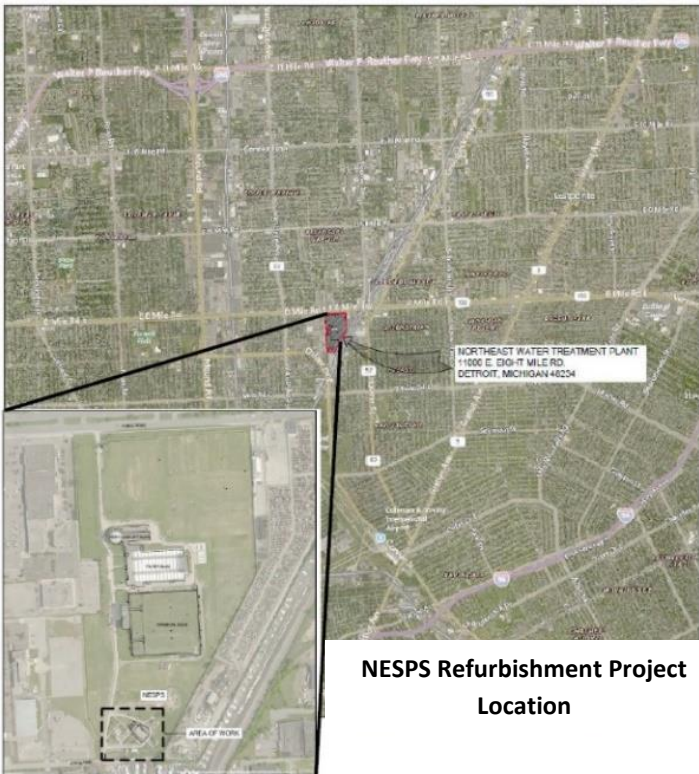
Schedule Status: Work is currently delayed by performance testing at Pump #1 and #3. The Contractor is working on an enhanced schedule to make up time but there is currently an estimated delay of 18 months, which cannot be fully made-up.

The following Design Team and Construction Services Effort is active:

- Construction Phase services (RFIs, Submittals) are ongoing, and the engineering team is reviewing and responding.
- The new Sewage Pump #1 and #3 and Motor have been installed, with in-place testing in progress. Both pumps are approved for provisional use but are operating below design capacity. Physical model testing at Clemson University is ongoing to further evaluate the cause and resolution of this issue; expected completion late April, 2024.
- A review of alternative energy saving methods and pump sequence remains ongoing, incorporating GLWA SCC comments.
- Installation of small diameter conduit runs, lighting improvements, and wiring in the existing NESPS building is approaching substantial completion.
- The original Pump #5 has been removed from the Station as well as the original discharge piping system. The embedded portion of the discharge piping will remain and has received an interior coating of a carbon fiber (“Quakewrap”) liner.
- The new concrete support foundations for Pump #5 are complete, and installation of the pump is complete, with drive shaft and intermediate bearings installation ongoing.
- The August 23, 2022 Arc-Flash incident remains under investigation. The Construction Manager has filed a claim on the OCIP Builder’s Risk insurance coverage for this event. The first payment on the BR claim has been received by OMID and disbursement protocols are underway.
- Schedule adjustments are currently under discussion. The Contractor has revised the sequence of rehabilitation for the existing Pump Knife Gate Valves: KG#1, #2, and #5 have been re-installed after rehabilitation. KG #6 will be replaced with a new valve rather than refurbishing the original to realize schedule improvements and likely cost savings.
- Work on the alternate discharge piping installation for the Dewatering Pump is complete.
- Work on removal and replacement of the site concrete paving is now complete with Phase 1 and Phase II of the layout completed. A review of the final Phase III site paving is now underway preparing for Spring construction with final Phase III drawings ready for Contractor quotations.

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

Work Item/ Milestone		Design/CCA Budget	Const Budget	Estimated Delivery Date
2	Final Basis of Design			5/31/2019
9	Final Package Development			8/14/2020
	Subtotal	\$3,826,000		
10	Substantial Completion	\$2,500,000 (est.)	\$49,380,000	5/30/2024 (late)
11	Final Completion		\$49,380,000	8/23/2024 (late)



Installation of Pump #5 on sixth floor



Construction Anchoring and adjusting Pump #5



Installing Pump #5 platform



Installing Pump #5 shaft bearings



Building the Pump #5 thrust block



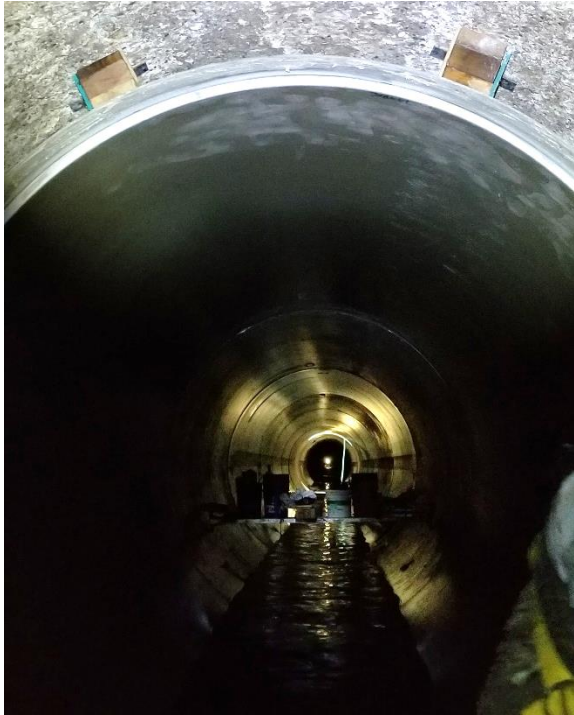
Installing Pump #5 seal and electrical conduits



Construction of mechanical openings at wet well elevator

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

Slip lining with Hobas and grouting of the annular space upstream of CS-12 continues. Lining of the OMID section between CS-12 and CS-4 will be completed following the upstream lining; expected late summer 2024.



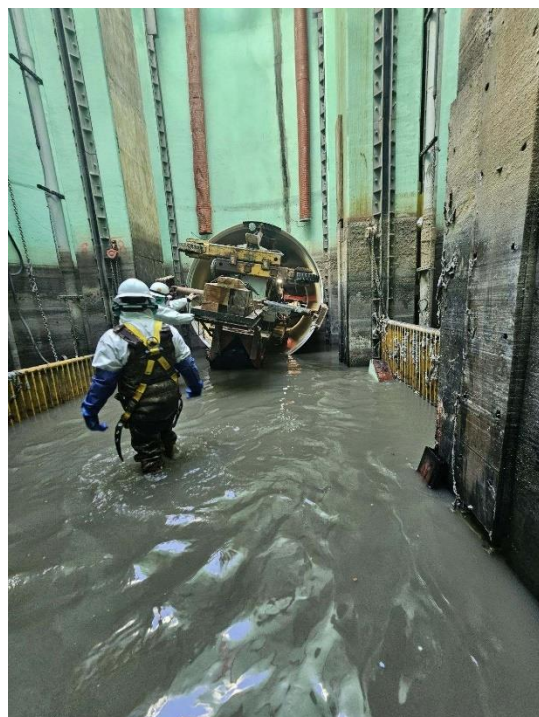
Blocking of Hobas pipe section at crown



Installing Hobas pipe section with pipe carrier



Lowering Hobas pipe into CS-12

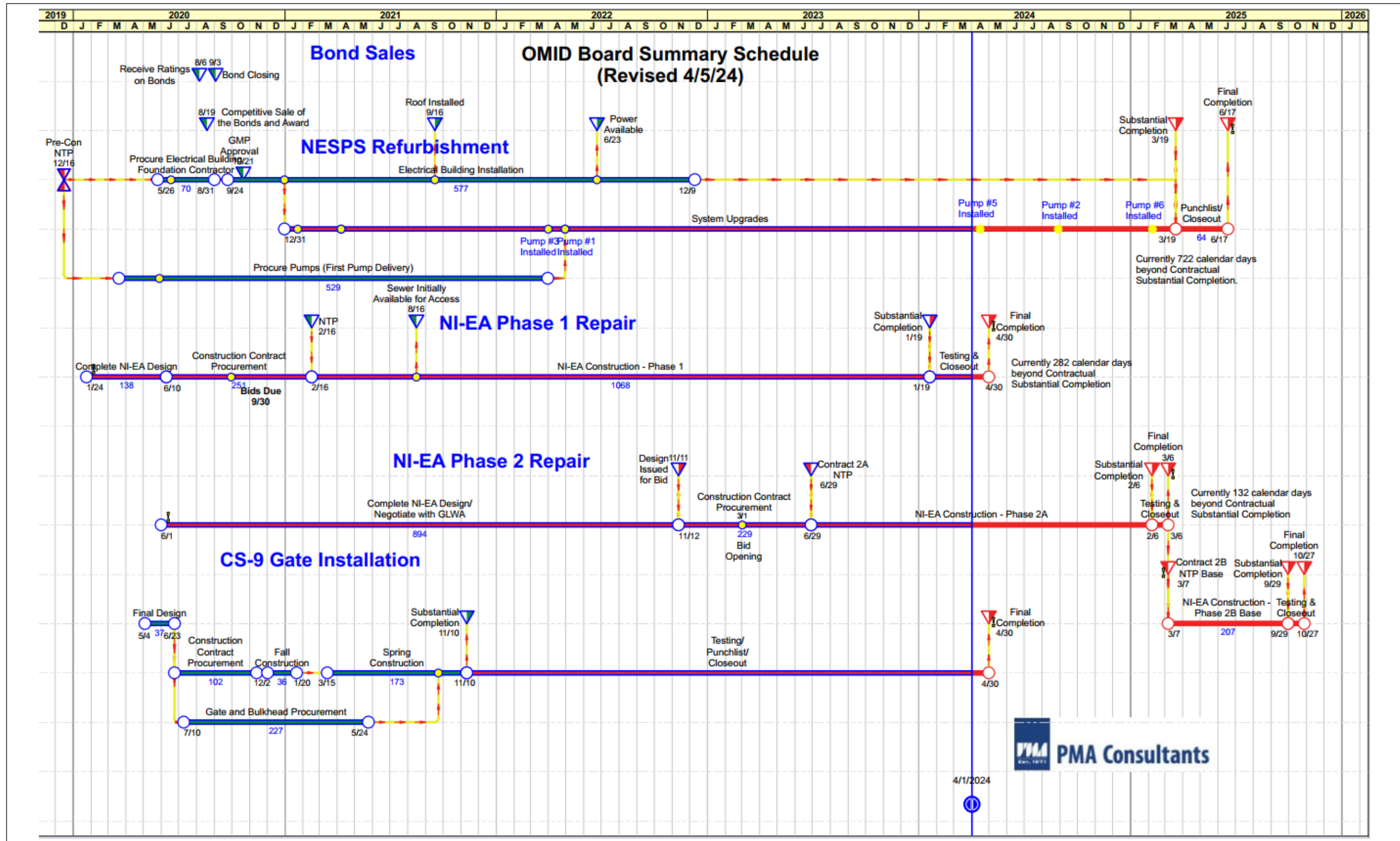


Staging pipe carrier in CS-12

Summary of OMID Design and Construction Status:

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

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



OMID Project Schedule Summary

Agenda Item No. 11

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 6, 2024		OMID SEGMENT 5 BOND ISSUE PRJ-13252	OMID NI-EA CONSTRUCTION PRJ-13308	NESPS MECH-ELEC CONSTRUCTION PRJ-13309	YTD Balance
100100	Cash - Operating	2,175,404.19	4,729,411.28	11,746,853.59	18,651,669.06
104100	Accrued Interest on Investment	(167,703.74)			(167,703.74)
143100	PrepaidExpenses			279,733.65	279,733.65
	ASSETS	2,007,700.45	4,729,411.28	12,026,587.24	18,763,698.97
201210	Vouchers Payable AP Cont		(123,953.67)	(196,887.58)	(320,841.25)
222300	Unearned Revenues	576,414.65	(1,026,815.32)	(2,892,320.31)	(3,342,720.98)
	LIABILITIES	576,414.65	(1,150,768.99)	(3,089,207.89)	(3,663,562.23)
698200	Insurance Recoveries			(769,476.00)	(769,476.00)
655000	Income From Investments	(732,031.10)			(732,031.10)
	REVENUES	(732,031.10)	0.00	(769,476.00)	(1,501,507.10)
730000	Contractual Services		1,606,458.97	2,393,816.83	4,000,275.80
770000	Internal Support Expenditures		31,774.80	44,688.69	76,463.49
	EXPENSES	0.00	1,638,233.77	2,438,505.52	4,076,739.29
381315	FB Restricted Debt	(47,288,433.00)			(47,288,433.00)
382100	FB Committed for Capital Proj	45,436,349.00	(5,216,876.06)	(10,551,358.87)	29,668,114.07
	Fund Balance	(1,852,084.00)	(5,216,876.06)	(10,551,358.87)	(17,620,318.93)
		0.00	0.00	55,050.00	55,050.00

Cash as of 03/31/2024 \$ 18,651,669.06

Invoices/Reimbursements for NIEA Construction on Current Agenda impacting Cash Balance (70,417.85)

Invoices/Reimbursements for NESPS Mech / Electrical Construction on Current Agenda impacting Cash Balance (1,099,171.77)

Total Net Cash Balance \$ 17,482,079.44

OCM Project Work In Progress

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

Project	Final Budget	Actuals MTD	Commitments YTD	Obligations YTD	Actuals YTD	Total Spend YTD	Actuals LTD	Variance
Project Expenses	28,395,600.00	\$269,877.01	\$0.00	\$0.00	\$1,638,233.77	1,638,233.77	23,796,885.81	4,598,714
1 > Administration	584,000.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	175,749.40	408,251
1 > Contingency	2,581,000.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	0	2,581,000
1 > Engineering	478,000.00	\$2,986.72	\$0.00	\$0.00	\$28,070.61	28,070.61	238,863.23	239,137
1 > Engineering Consultants	4,913,000.00	\$123,953.67	\$0.00	\$0.00	\$395,951.72	395,951.72	5,811,000.48	-898,000
1 > Facility Acquisition	17,983,600.00	\$141,360.00	\$0.00	\$0.00	\$1,220,507.25	1,220,507.25	17,049,483.29	934,117
1 > Inspection	260,000.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	0	260,000
1 > Legal and Financial	1,259,000.00	\$0.00	\$0.00	\$0.00	(\$10,000.00)	(10,000.00)	237,060.59	1,021,939
1 > Right of Way	265,000.00	\$1,576.62	\$0.00	\$0.00	\$3,704.19	3,704.19	85,563.48	179,437
1 > STANDARD	40,000.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	199,165.34	-159,165
1 > Survey	32,000.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	0	32,000
Project Revenues	0	\$0.00	\$0.00	\$0.00	\$0.00	0.00	27,375,528.10	
RC605572 - Special	0	\$0.00	\$0.00	\$0.00	\$0.00	0.00	5,403,685.03	
RC697551 - Issuance of Bonds	0	\$0.00	\$0.00	\$0.00	\$0.00	0.00	21,965,099.65	
RC698200 - Insurance	0	\$0.00	\$0.00	\$0.00	\$0.00	0.00	6,743.42	
Revenue Over/ (Under) Expenses							3,578,642.29	

OCM Project Work In Progress

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

Project	Final Budget	Actuals MTD	Commitments YTD	Obligations YTD	Actuals YTD	Total Spend YTD	Actuals LTD	Variance
Project Expenses	54,086,000.00	\$1,445,153.28	\$4,513.50	(\$4,513.50)	\$2,438,505.52	2,438,505.52	43,080,826.34	11,005,174
1 > Administration	620,000.00	\$0.00	\$0.00	\$0.00	\$38.91	38.91	44,457.97	575,542
1 > Contingency	4,917,000.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	0	4,917,000
1 > Engineering	446,000.00	\$984.72	\$0.00	\$0.00	\$23,633.15	23,633.15	305,114.84	140,885
1 > Engineering Consultants	3,987,000.00	\$1,461.17	\$0.00	\$0.00	\$202,395.02	202,395.02	3,482,984.45	504,016
1 > Facility Acquisition	40,857,000.00	\$1,213,190.48	\$0.00	\$0.00	\$1,911,458.97	1,911,458.97	37,302,579.39	3,554,421
1 > Inspection	285,000.00	\$3,959.04	\$0.00	\$0.00	\$21,055.54	21,055.54	410,731.43	-125,731
1 > Legal and Financial	2,417,000.00	\$23,162.41	\$4,513.50	(\$4,513.50)	\$113,292.23	113,292.23	364,642.72	2,052,357
1 > Right of Way	393,000.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	0	393,000
1 > STANDARD	130,000.00	\$202,395.46	\$0.00	\$0.00	\$166,631.70	166,631.70	1,168,165.23	-1,038,165
1 > Survey	34,000.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	2,150.31	31,850
Project Revenues	0	\$769,476.00	\$0.00	\$0.00	\$769,476.00	(769,476.00)	51,963,155.69	
RC605572 - Special Assessments Revenue	0	\$0.00	\$0.00	\$0.00	\$0.00	0.00	9,356,057.68	
RC697551 - Issuance of Bonds	0	\$0.00	\$0.00	\$0.00	\$0.00	0.00	41,837,622.01	
RC698200 - Insurance Recoveries	0	\$769,476.00	\$0.00	\$0.00	\$769,476.00	(769,476.00)	769,476.00	
Revenue Over/ (Under) Expenses							8,882,329.35	

OCM Project Work In Progress

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

Project	Final Budget	Actuals MTD	Commitments YTD	Obligations YTD	Actuals YTD	Total Spend YTD	Actuals LTD	Variance
Project Expenses	0	0.00	0.00	0.00	0.00	0.00	757,136.57	-757,137
1 > Administration	0	\$0.00	\$0.00	\$0.00	\$0.00	0.00	242,201.57	-242,202
1 > Legal and Financial	0	\$0.00	\$0.00	\$0.00	\$0.00	0.00	514,935.00	-514,935
1 > STANDARD	0	\$0.00	\$0.00	\$0.00	\$0.00	0.00	0.00	0
Project Revenues	0	\$29,638.22	\$0.00	\$0.00	\$732,031.10	(732,031.10)	3,341,251.67	
RC605572 - Special Assessments Revenue	0	\$0.00	\$0.00	\$0.00	\$0.00	0.00	894,060.05	
RC655077 - Accrued Interest Adjustments	0	\$0.00	\$0.00	\$0.00	\$0.00	0.00	(80,979.70)	
RC655385 - Income from Investments	0	\$29,638.22	\$0.00	\$0.00	\$160,132.81	(160,132.81)	1,442,083.99	
RC655462 - Increase Market Value Investment	0	\$0.00	\$0.00	\$0.00	\$571,898.29	(571,898.29)	1,084.24	
RC670513 - Prior Years Revenue	0	\$0.00	\$0.00	\$0.00	\$0.00	0.00	0.00	
RC697219 - Premiums on Bonds Sold	0	\$0.00	\$0.00	\$0.00	\$0.00	0.00	7,672,724.75	
RC697551 - Issuance of Bonds	0	\$0.00	\$0.00	\$0.00	\$0.00	0.00	(6,587,721.66)	
Revenue Over/ (Under) Expenses							2,584,115.10	

YTD Trial Balance Fund: 84918 NIEA Contract #2 As of Fiscal Period: Month 5, 2024		NIEA Contract #2 Bond Issue PRJ-17384	NIEA Contract #2 Construction PRJ-17408	YTD Balance
100100	Cash - Operating	122,176.51	12,802,290.47	12,924,466.98
104100	Accrued Interest on Investment	(4,894.64)		(4,894.64)
	ASSETS	117,281.87	12,802,290.47	12,919,572.34
201210	Vouchers Payable AP Cont		(1,402,882.27)	(1,402,882.27)
222300	Unearned Revenues		(9,369,228.15)	(9,369,228.15)
	LIABILITIES	0.00	(10,772,110.42)	(10,772,110.42)
655000	Income From Investments	(498,529.57)		(498,529.57)
	REVENUES	(498,529.57)	0.00	(498,529.57)
730000	Contractual Services		3,650,848.60	3,650,848.60
	EXPENSES	0.00	3,650,848.60	3,650,848.60
382100	FB Committed for Capital Proj	381,247.70	(5,681,028.65)	(5,299,780.95)
	Fund Balance	381,247.70	(5,681,028.65)	(5,299,780.95)
		0.00	0.00	0.00

Cash as of 03/31/2024 \$ 12,924,466.98

Invoices/Reimbursements for Construction PRJ-17408 on Current Agenda impacting Cash Balance (1,360,492.26)

Total Net Cash Balance \$ 11,563,974.72

OCM Project Work In Progress

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

Project	Final Budget	Actuals MTD	Commitments YTD	Obligations YTD	Actuals YTD	Total Spend YTD	Actuals LTD	Variance
Project Expenses	15,600,000.00	\$1,583,315.53	\$0.00	\$0.00	\$3,650,848.60	3,650,848.60	3,959,841.51	11,640,158
1 > Administration	95,287.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	0	95,287
1 > Contingency	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	0	0
1 > Engineering	235,465.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	0	235,465
1 > Engineering Consultants	2,089,000.00	\$80,920.87	\$0.00	\$0.00	\$415,145.12	415,145.12	478,340.37	1,610,660
1 > Facility Acquisition	12,596,000.00	\$1,402,882.27	\$0.00	\$0.00	\$3,027,841.59	3,027,841.59	3,273,639.25	9,322,361
1 > Inspection	230,037.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	0	230,037
1 > Legal and Financial	279,000.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	0.00	279,000
1 > Right of Way	42,000.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	0	42,000
1 > STANDARD	15,796.00	\$99,512.39	\$0.00	\$0.00	\$207,861.89	207,861.89	207,861.89	-192,066
1 > Survey	17,415.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	0	17,415
Project Revenues	0	\$0.00	\$0.00	\$0.00	\$0.00	0.00	5,990,021.56	
RC605572 - Special Assessments Revenue	0	\$0.00	\$0.00	\$0.00	\$0.00	0.00	193,214.85	
RC697219 - Premiums on Bonds Sold	0	\$0.00	\$0.00	\$0.00	\$0.00	0.00	176,878.45	
RC697551 - Issuance of Bonds	0	\$0.00	\$0.00	\$0.00	\$0.00	0.00	5,619,928.26	
Revenue Over/ (Under) Expenses							2,030,180.05	

OCM Project Work In Progress

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

Project	Final Budget	Actuals MTD	Commitments YTD	Obligations YTD	Actuals YTD	Total Spend YTD	Actuals LTD	Variance
Project Expenses	0	0.00	\$0.00	\$23,980.00	\$0.00	23,980.00	124,622.50	-124,623
1 > Administration	0	\$0.00	\$0.00	\$0.00	\$0.00	0.00	124,622.50	-124,623
SC730170 - Bond Attorney Fees	0	\$0.00	\$0.00	\$0.00	\$25,275.00	25,275.00	73,430.00	-73,430
SC730177 - Bond Issuing Cost	0	\$0.00	\$0.00	\$0.00	\$0.00	0.00	56,967.50	-56,968
SC730184 - Bond Rating Expense	0	\$0.00	\$0.00	\$0.00	\$0.00	0.00	19,500.00	-19,500
SC731451 - Prof Svc-Financial Consultant	0	\$0.00	\$0.00	\$0.00	(\$25,275.00)	(25,275.00)	(25,275.00)	25,275
1 > Legal and Financial	0	\$0.00	\$0.00	\$23,980.00	\$0.00	23,980.00	0.00	0
SC730170 - Bond Attorney Fees	0	\$0.00	\$0.00	\$22,880.00	\$0.00	22,880.00	0	0
SC730177 - Bond Issuing Cost	0	\$0.00	\$0.00	\$1,100.00	\$0.00	1,100.00	0	0
SC731451 - Prof Svc-Financial Consultant	0	\$0.00	\$0.00	\$0.00	\$0.00	0.00	0.00	0
1 > STANDARD	0	\$0.00	\$0.00	\$0.00	\$0.00	0.00	0.00	0
SC730184 - Bond Rating Expense	0	\$0.00	\$0.00	\$0.00	\$0.00	0.00	0.00	0
Project Revenues	0	\$28,507.98	\$0.00	\$0.00	\$498,529.57	(498,529.57)	241,904.37	
RC605572 - Special Assessments Revenue	0	\$0.00	\$0.00	\$0.00	\$0.00	0.00	0.00	
RC655077 - Accrued Interest Adjustments	0	\$0.00	\$0.00	\$0.00	\$0.00	0.00	(4,894.64)	
RC655385 - Income from Investments	0	\$28,507.98	\$0.00	\$0.00	\$117,281.87	(117,281.87)	136,727.27	
RC655462 - Increase Market Value Investment	0	\$0.00	\$0.00	\$0.00	\$381,247.70	(381,247.70)	0.00	
RC697219 - Premiums on Bonds Sold	0	\$0.00	\$0.00	\$0.00	\$0.00	0.00	0.00	
RC697551 - Issuance of Bonds	0	\$0.00	\$0.00	\$0.00	\$0.00	0.00	110,071.74	
Revenue Over/ (Under) Expenses							117,281.87	

Oakland County - Water Resources Commissioner's Office
Fund Equity: Schedule of Reserves and Dedicated Funds
As of Date: March 31, 2024

Fund	Description	Major Maintenance	Emergency Maintenance Reserve	Capital Improvement	Undesignated	Committed for Capital Projects	Total Equity
82912	OMIDD Maintenance Fund	4,781,599.76	2,515,991.49	6,918,694.12	10,617,671.56		24,833,956.93
84917	OMIDD Seg 5						
	- Project 1-3252 Interceptor Seg 5					2,584,115.10	
	- Project 1-3308 NI - EA Construction					3,578,642.29	
	- Project 1-3309 NESPS Construction					<u>8,882,329.35</u>	<u>15,045,086.74</u>
84918	OMIDDD North Interceptor East Arm – Contract #2						
	- Project: PRJ-17384 OMIDDD NIEA Contract2 Bond Adm					117,281.87	
	- Project: PRJ-17408 OMIDDD NIEA Contract2 Construction					<u>2,030,180.05</u>	2,147,461.92
Total Equity in Maintenance and Construction Funds							<u><u>39,879,043.67</u></u>

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

OAKLAND MACOMB INTERCEPTOR DRAINAGE BOARD - APPROVAL OF INVOICES/REIMBURSEMENTS

OMIDD Meeting Date 04/17/2024

		84917	84917	84918	82912	
		1-3308	1-3309	1-7408		
Payable To	Invoice #	Segment 5 NIEA Construction	Segment 5 NESPS Mech / Electric Construction	NIEA Contract #2 Construction	Operations & Maintenance	Total
Oakland County *	WRC Labor/Fringes/Non-direct Labor (02/24/2024 - 03/22/2024)	4,432.17	4,738.26			9,170.43
Oakland County *	WRC Equipment (02/24/2024 - 03/22/2024)	131.17	205.50			336.67
Applied Science, Inc	Invoice # 58A (ASI Inv. #8643) Services 2/4/24 to 3/2/2024		196.43			196.43
Applied Science, Inc	Invoice # 60 (ASI Inv. #8641) Services 2/4/24 to 3/2/2024		69,541.64			69,541.64
Applied Science, Inc	Invoice # 60B (ASI Inv. #8642) Services 2/4/24 to 3/2/2024		1,780.00			1,780.00
Clark Hill PLC	Invoice # 1412344 Matter 463149 Walsh Construction Svs Through 2/29/2024		5,125.50			5,125.50
D'Angelo Brothers Inc.	Invoice # 19013-WRCS - M-59 & Utica Overpass Manhole Repair 10/24/23				\$13,502.27	13,502.27
D'Angelo Brothers Inc.	Invoice # 19014-WRCS - 15 Mile & Maple Ln Dr Manhole Repair 10/30/23				\$16,096.12	16,096.12
HESCO (Hamlett)	Invoice # 242159 Trouble Shoot and Reair CS-9 Position Snesor 2/9/2024				4,745.00	4,745.00
Jacobs Consultants, Inc.	Invoice # C6A19900-14 OMIDD Odor & Corrosion Facilities 12/30/2023 - 3/1/2024				21,760.46	21,760.46
Kennedy Industries	Invoice # 638157 - NEPS Pump Field Service 8/21/23				2,305.50	2,305.50
Kennedy Industries	Invoice # 640242 - NEPS Pump 4 Field Service 1/15/24				3,929.75	3,929.75
Kone	Invoice # 1158567076 NESPS Passenger Elevator Service 7/21/23				\$353.08	353.08
METCO Consulting Engineers	Invoice # 1811-63 03/04/2024 Through 03/31/2024				88,378.54	88,378.54
Motor City Electric Technologies	Invoice # 95577 T&M SCADA Work 01/31/2024				90.00	90.00
NTH Consultants	Invoice # 635482 (D-425 & D-457) Engineering Services 2/24/2023 - 03/22/2024	34,417.85				34,417.85
NTH Consultants	Invoice # 635481 (D-421 & D-462) Engineering Services 2/24/2024 - 03/22/2024		1,241.84			1,241.84
NTH Consultants	Invoice # 635485 (D-458 & D-463) Engineering Services 2/24/2024 - 03/22/2024			117,562.90		117,562.90
PM Technologies	Invoice # 86384059 Generator Inspection 02/7/2023				1,644.99	1,644.99
PMA Consultants	Invoice # 03559.01-45 Professional Services NESPS 2/1 - 2/29/24		20,589.38			20,589.38
Marra Services	Construction Estimate # 37 NI-EA PCI 4 rehabilitation	36,000.00				36,000.00
Walsh Construction	Initial Arc Flash Insurance Payment		709,852.00			709,852.00
Walsh Construction	Construction Estimate # 42 NESPS Pump & Electrical Upgrades Project		290,844.98			290,844.98
Z Contractors	Construction Estimate # 8 NI-EA contract #2A and 2B - PCI 18 and 19			1,242,929.36		1,242,929.36
	Total Invoices/Reimbursements for Approval	74,981.19	1,104,115.53	1,360,492.26	152,805.71	2,692,394.69
	* Less WRC Charges already paid from OMI Fund	(4,563.34)	(4,943.76)	0.00		(9,507.10)
	Total Invoices/Reimbursements that will impact Cash Balance listed on Current Trial Balance submitted to OMI Drain Board	70,417.85	1,099,171.77	1,360,492.26	152,805.71	2,682,887.59

Agenda Item No. 12

Invoices

OMI Segment 5 NESP Mech - Elect Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 02/24/2024 - 03/22/2024									
W/OID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
1131289	3/13/2024	3/4/2024	PUSCAS, JACK J	3.00	\$260.34	REGULAR	WRCADM	PRJ-13309	ENGINEERING
1131289	3/13/2024	2/26/2024	PUSCAS, JACK J	1.00	\$86.78	REGULAR	WRCADM	PRJ-13309	ENGINEERING
1131289	2/28/2024	2/23/2024	PUSCAS, JACK J	2.00	\$173.56	REGULAR	WRCADM	PRJ-13309	ENGINEERING
1131289	2/28/2024	2/20/2024	PUSCAS, JACK J	4.00	\$347.12	REGULAR	WRCADM	PRJ-13309	ENGINEERING
1131289	2/28/2024	2/12/2024	PUSCAS, JACK J	1.00	\$86.78	REGULAR	WRCADM	PRJ-13309	ENGINEERING
			PUSCAS, JACK J Total		\$954.58				
1050210	3/19/2024	3/21/2024	POUSHO, ROBERT	8.00	\$472.96	REGULAR	WRCCON	PRJ-13309	INSPECTION
1050210	3/19/2024	3/19/2024	POUSHO, ROBERT	8.00	\$472.96	REGULAR	WRCCON	PRJ-13309	INSPECTION
1050210	3/19/2024	3/14/2024	POUSHO, ROBERT	8.00	\$472.96	REGULAR	WRCCON	PRJ-13309	INSPECTION
1050210	3/19/2024	3/12/2024	POUSHO, ROBERT	8.00	\$472.96	REGULAR	WRCCON	PRJ-13309	INSPECTION
1050210	3/5/2024	3/7/2024	POUSHO, ROBERT	8.00	\$472.96	REGULAR	WRCCON	PRJ-13309	INSPECTION
1050210	3/5/2024	3/5/2024	POUSHO, ROBERT	8.00	\$472.96	REGULAR	WRCCON	PRJ-13309	INSPECTION
1050210	3/5/2024	2/29/2024	POUSHO, ROBERT	8.00	\$472.96	REGULAR	WRCCON	PRJ-13309	INSPECTION
1050210	3/5/2024	2/27/2024	POUSHO, ROBERT	8.00	\$472.96	REGULAR	WRCCON	PRJ-13309	INSPECTION
			POUSHO, ROBERT Total		\$3,783.68				
			Grand Total		\$4,738.26				

OMI Segment 5 NESP Mech - Elect Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 02/24/2024 - 03/22/2024									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
1050210	3/5/2024	2/27/2024	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	3/5/2024	2/29/2024	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	3/5/2024	3/5/2024	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	3/5/2024	3/7/2024	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	3/19/2024	3/12/2024	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	3/19/2024	3/14/2024	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	3/19/2024	3/19/2024	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	3/19/2024	3/21/2024	POUSHO, ROBERT	8.00	\$3.20	ASSIGNED	Cell Phone	PRJ-13309	INSPECTION
1050210	3/5/2024	2/27/2024	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	3/5/2024	2/29/2024	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	3/5/2024	3/5/2024	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	3/5/2024	3/7/2024	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	3/19/2024	3/12/2024	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	3/19/2024	3/14/2024	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	3/19/2024	3/19/2024	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
1050210	3/19/2024	3/21/2024	POUSHO, ROBERT	8.00	\$18.72	ASSIGNED	PC/Computer	PRJ-13309	INSPECTION
			POUSHO, ROBERT Total		\$175.36				
1131289	2/28/2024	2/12/2024	PUSCAS, JACK J	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1131289	2/28/2024	2/20/2024	PUSCAS, JACK J	4.00	\$1.60	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1131289	2/28/2024	2/23/2024	PUSCAS, JACK J	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1131289	3/13/2024	2/26/2024	PUSCAS, JACK J	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1131289	3/13/2024	3/4/2024	PUSCAS, JACK J	3.00	\$1.20	ASSIGNED	Cell Phone	PRJ-13309	ENGINEERING
1131289	2/28/2024	2/12/2024	PUSCAS, JACK J	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1131289	2/28/2024	2/20/2024	PUSCAS, JACK J	4.00	\$9.36	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1131289	2/28/2024	2/23/2024	PUSCAS, JACK J	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1131289	3/13/2024	2/26/2024	PUSCAS, JACK J	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
1131289	3/13/2024	3/4/2024	PUSCAS, JACK J	3.00	\$7.02	ASSIGNED	PC/Computer	PRJ-13309	ENGINEERING
			PUSCAS, JACK J Total		\$30.14				
			Grand Total		\$205.50				

OMI Segment 5 NI-EA Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 02/24/2024 - 03/22/2024									
W/OID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
1208707	3/13/2024	3/4/2024	COOK, JENNIFER	3.00	\$322.02	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1208707	3/13/2024	2/29/2024	COOK, JENNIFER	1.00	\$107.34	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1208707	3/13/2024	2/28/2024	COOK, JENNIFER	2.00	\$214.68	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1208707	3/13/2024	2/27/2024	COOK, JENNIFER	2.00	\$214.68	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1208707	3/13/2024	2/26/2024	COOK, JENNIFER	1.00	\$107.34	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1208707	2/28/2024	2/23/2024	COOK, JENNIFER	2.00	\$214.68	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1208707	2/28/2024	2/22/2024	COOK, JENNIFER	1.00	\$107.34	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1208707	2/28/2024	2/21/2024	COOK, JENNIFER	1.00	\$107.34	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1208707	2/28/2024	2/20/2024	COOK, JENNIFER	3.00	\$322.02	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1208707	2/28/2024	2/16/2024	COOK, JENNIFER	1.00	\$107.34	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1208707	2/28/2024	2/13/2024	COOK, JENNIFER	1.00	\$107.34	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1208707	3/13/2024	3/5/2024	COOK, JENNIFER	1.00	\$107.34	REGULAR	WRCADM	PRJ-13308	ENGINEERING
			COOK, JENNIFER Total		\$2,039.46				
1094816	2/29/2024	2/27/2024	LAWREY, DAVID	2.50	\$200.25	REGULAR	WRCROW	PRJ-13308	ROW
			LAWREY, DAVID Total		\$200.25				
1094816	3/6/2024	3/8/2024	PARROTT, JEFFREY	4.00	\$353.24	REGULAR	WRCROW	PRJ-13308	ROW
1094816	3/6/2024	3/7/2024	PARROTT, JEFFREY	2.50	\$220.78	REGULAR	WRCROW	PRJ-13308	ROW
1094816	3/6/2024	3/6/2024	PARROTT, JEFFREY	2.00	\$176.62	REGULAR	WRCROW	PRJ-13308	ROW
1094816	3/6/2024	2/28/2024	PARROTT, JEFFREY	2.50	\$220.78	REGULAR	WRCROW	PRJ-13308	ROW
1094816	3/6/2024	2/27/2024	PARROTT, JEFFREY	1.00	\$88.31	REGULAR	WRCROW	PRJ-13308	ROW
1094816	3/6/2024	2/26/2024	PARROTT, JEFFREY	3.00	\$264.93	REGULAR	WRCROW	PRJ-13308	ROW
			PARROTT, JEFFREY Total		\$1,324.66				
1131284	3/13/2024	3/5/2024	PUSCAS, JACK J	2.00	\$173.56	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1131284	3/13/2024	2/27/2024	PUSCAS, JACK J	2.00	\$173.56	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1131284	2/28/2024	2/21/2024	PUSCAS, JACK J	2.00	\$173.56	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1131284	2/28/2024	2/20/2024	PUSCAS, JACK J	3.00	\$260.34	REGULAR	WRCADM	PRJ-13308	ENGINEERING
1131284	2/28/2024	2/13/2024	PUSCAS, JACK J	1.00	\$86.78	REGULAR	WRCADM	PRJ-13308	ENGINEERING
			PUSCAS, JACK J Total		\$867.80				
			Grand Total		\$4,432.17				

OMI Segment 5 NI-EA Construction Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 02/24/2024 - 03/22/2024

WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
1208707	3/13/2024	3/5/2024	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	2/28/2024	2/13/2024	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	2/28/2024	2/16/2024	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	2/28/2024	2/20/2024	COOK, JENNIFER	3.00	\$1.20	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	2/28/2024	2/21/2024	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	2/28/2024	2/22/2024	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	2/28/2024	2/23/2024	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	3/13/2024	2/26/2024	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	3/13/2024	2/27/2024	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	3/13/2024	2/28/2024	COOK, JENNIFER	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	3/13/2024	2/29/2024	COOK, JENNIFER	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	3/13/2024	3/4/2024	COOK, JENNIFER	3.00	\$1.20	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1208707	3/13/2024	3/5/2024	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	2/28/2024	2/13/2024	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	2/28/2024	2/16/2024	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	2/28/2024	2/20/2024	COOK, JENNIFER	3.00	\$7.02	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	2/28/2024	2/21/2024	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	2/28/2024	2/22/2024	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	2/28/2024	2/23/2024	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	3/13/2024	2/26/2024	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	3/13/2024	2/27/2024	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	3/13/2024	2/28/2024	COOK, JENNIFER	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	3/13/2024	2/29/2024	COOK, JENNIFER	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1208707	3/13/2024	3/4/2024	COOK, JENNIFER	3.00	\$7.02	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
			COOK, JENNIFER Total		\$52.06				
1094816	2/29/2024	2/27/2024	LAWREY, DAVID	2.50	\$1.00	ASSIGNED	Cell Phone	PRJ-13308	ROW
1094816	2/29/2024	2/27/2024	LAWREY, DAVID	2.50	\$5.85	ASSIGNED	PC/Computer	PRJ-13308	ROW
			LAWREY, DAVID Total		\$6.85				
1094816	3/6/2024	2/26/2024	PARROTT, JEFFREY	3.00	\$1.20	ASSIGNED	Cell Phone	PRJ-13308	ROW
1094816	3/6/2024	2/27/2024	PARROTT, JEFFREY	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ROW
1094816	3/6/2024	2/28/2024	PARROTT, JEFFREY	2.50	\$1.00	ASSIGNED	Cell Phone	PRJ-13308	ROW
1094816	3/6/2024	3/6/2024	PARROTT, JEFFREY	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308	ROW
1094816	3/6/2024	3/7/2024	PARROTT, JEFFREY	2.50	\$1.00	ASSIGNED	Cell Phone	PRJ-13308	ROW
1094816	3/6/2024	3/8/2024	PARROTT, JEFFREY	4.00	\$1.60	ASSIGNED	Cell Phone	PRJ-13308	ROW
1094816	3/6/2024	2/26/2024	PARROTT, JEFFREY	3.00	\$7.02	ASSIGNED	PC/Computer	PRJ-13308	ROW
1094816	3/6/2024	2/27/2024	PARROTT, JEFFREY	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ROW
1094816	3/6/2024	2/28/2024	PARROTT, JEFFREY	2.50	\$5.85	ASSIGNED	PC/Computer	PRJ-13308	ROW
1094816	3/6/2024	3/6/2024	PARROTT, JEFFREY	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308	ROW
1094816	3/6/2024	3/7/2024	PARROTT, JEFFREY	2.50	\$5.85	ASSIGNED	PC/Computer	PRJ-13308	ROW
1094816	3/6/2024	3/8/2024	PARROTT, JEFFREY	4.00	\$9.36	ASSIGNED	PC/Computer	PRJ-13308	ROW
1094816	3/6/2024	2/26/2024	PARROTT, JEFFREY	3.00	\$0.75	ASSIGNED	Tablet/iPad	PRJ-13308	ROW
1094816	3/6/2024	2/27/2024	PARROTT, JEFFREY	1.00	\$0.25	ASSIGNED	Tablet/iPad	PRJ-13308	ROW
1094816	3/6/2024	2/28/2024	PARROTT, JEFFREY	2.50	\$0.63	ASSIGNED	Tablet/iPad	PRJ-13308	ROW
1094816	3/6/2024	3/6/2024	PARROTT, JEFFREY	2.00	\$0.50	ASSIGNED	Tablet/iPad	PRJ-13308	ROW
1094816	3/6/2024	3/7/2024	PARROTT, JEFFREY	2.50	\$0.63	ASSIGNED	Tablet/iPad	PRJ-13308	ROW
1094816	3/6/2024	3/8/2024	PARROTT, JEFFREY	4.00	\$1.00	ASSIGNED	Tablet/iPad	PRJ-13308	ROW
			PARROTT, JEFFREY Total		\$44.86				
1131284	2/28/2024	2/13/2024	PUSCAS, JACK J	1.00	\$0.40	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1131284	2/28/2024	2/20/2024	PUSCAS, JACK J	3.00	\$1.20	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1131284	2/28/2024	2/21/2024	PUSCAS, JACK J	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1131284	3/13/2024	2/27/2024	PUSCAS, JACK J	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1131284	3/13/2024	3/5/2024	PUSCAS, JACK J	2.00	\$0.80	ASSIGNED	Cell Phone	PRJ-13308	ENGINEERING
1131284	2/28/2024	2/13/2024	PUSCAS, JACK J	1.00	\$2.34	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1131284	2/28/2024	2/20/2024	PUSCAS, JACK J	3.00	\$7.02	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1131284	2/28/2024	2/21/2024	PUSCAS, JACK J	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1131284	3/13/2024	2/27/2024	PUSCAS, JACK J	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
1131284	3/13/2024	3/5/2024	PUSCAS, JACK J	2.00	\$4.68	ASSIGNED	PC/Computer	PRJ-13308	ENGINEERING
			PUSCAS, JACK J Total		\$27.40				
			Grand Total		\$131.17				



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

3/12/2024

Project Invoice #58A (ASI Inv. 8643)

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

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

Task - MCC Incident

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

Invoice Period: 2/4/24-3/2/24

<u>Employee</u>	<u>Job Classification</u>	<u>MCC Incident</u>	<u>Total Hours</u>	<u>Direct Labor Rate</u>	<u>Total</u>
Total Labor:		\$ -			\$ -
Subconsultant:NTH		\$ 187.08			\$ 187.08
Subconsultant:METCO		\$ -			\$ -
		\$ 187.08			\$ 187.08
ASI Markup 5%		\$ 9.35			\$ 9.35
Direct Expenses (receipts attached):		\$ -			\$ -
Total This Invoice:		\$ 196.43			\$ 196.43
Previous Amount Invoiced:		\$ 65,395.36			\$ 65,395.36
Total Invoiced To Date:		\$ 65,591.79			\$ 65,591.79



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

3/12/2024

Project Invoice # 60 (ASI Inv. 8641)

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

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

Invoice Period: 2/4/24-3/2/24

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

li#4133 v#352

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

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

Task No.	Task Description	Total This Invoice
5	Construction Services	
	Total:	\$ 21,487.00
	Subconsultants:	
	NTH Consultants	\$ 28,974.82
	Metco Services	\$ 11,380.00
	FK Engineering:	\$ 5,411.50
	ASI Markup 5%:	\$ 2,288.32
	Direct Expenses:	\$ -
	Total Due This Invoice:	<u>\$ 69,541.64</u>
	Previous Amount Invoiced:	

84917-149015-730639-1-3309-engcon

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

4/5/2024

Summary	
Total Due This Invoice-All Tasks:	\$ 69,541.64
Previous Amount Invoiced:	\$ 1,110,708.10
Amount Invoiced for MCC Incident (separate invoice):	\$ 196.43
Amount Invoiced for Pump Issues (separate invoice):	\$ 1,780.00
Total Invoiced To-Date	\$ 1,182,226.17
Original Contract Task Total:	\$ 4,198,380.00
Additional Budget-Task 5:	\$ 284,076.60
Additional Budget-Task 5a:	\$ 1,513,301.00
Additional Budget-Task 6:	\$ 220,326.00
Current Contract Task Total:	\$ 6,216,083.60
Amount Remaining:	<u>\$ 5,033,857.43</u>



Applied Science, Inc.

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

3/12/2024

Project Invoice #60B (ASI Inv. 8642)

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

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

Task - Pump Issues

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

Invoice Period: 2/4/24-3/2/24

<u>Employee</u>	<u>Job Classification</u>	<u>Pump Issues Incident</u>	<u>Total Hours</u>	<u>Direct Labor Rate</u>	<u>Total</u>
John Michalski	Sr. Project Manager	10.0	10.0	\$ 178.00	\$ 1,780.00
Total Labor:		\$ 1,780.00			\$ 1,780.00
Total This Invoice:		\$ 1,780.00			\$ 1,780.00
Previous Amount Invoiced:		\$ 15,777.50			\$ 15,777.50
Total Invoiced To Date:		\$ 17,557.50			<u><u>\$ 17,557.50</u></u>



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

Invoice: 1412344
 Date: 03/11/2024
 Client: 30164
 Matter: 463149

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

Matter Name: Construction Dispute - Walsh Construction

Joel An 4/4/2024

LEGAL SERVICES RENDERED AND COSTS ADVANCED THROUGH FEBRUARY 29, 2024

Total Fees:	\$	5,125.50
Total Due This Invoice:	\$	5,125.50

DOLLARS NOT ACCRUED



RQ00050665
PO00052065
RC00059800

Invoice #19013-WRCS

**82912-6010101-149131-730373-
CON8812**

1/23/24

USE AS ORIGINAL

30836 W 8 Mile Rd
Farmington Hills, MI. 48336

TO: Oakland County WRC Sewer Dept
ATTN: Rich Cook, Adam Griffin

WRC Sewer Repairs

M-59 & Utica Rd Overpass

DESCRIPTION OF WORK COMPLETED	Qty.	Unit	Hrs.	Rate	Total Per Line
10/24/23 M-59 & Utica Rd Overpass Manhole Restoration					
Mobilize 1 Excavator	1	EA	-	\$ 425.00	\$ 425.00
Demobilize 1 Excavator	1	EA	-	\$ 425.00	\$ 425.00
Excavator & Operator	1	HR	11	\$ 155.00	\$ 1,705.00
Loader & Op Reg Time @ Pot Yard	1	HR	8	\$ 90.00	\$ 720.00
Labor, Regular Time	5	HR	8	\$ 48.00	\$ 1,920.00
Labor, Over Time	5	HR	3	\$ 58.00	\$ 870.00
Service Truck.	2	HR	11	\$ 35.00	\$ 770.00
Dump Truck	1	HR	11	\$ 80.00	\$ 880.00
Concrete Breaker	1	HR	4	\$ 70.00	\$ 280.00
					\$ 7,995.00
Materials					
Haul Off Spoils	16	YD	-	\$ 11.00	\$ 176.00
0	1	LSx15%	-	\$ 00	\$ 0
J & J Ace Hardware: Receipt attached	1	LSx15%	-	\$ 25.40	\$ 29.21
Van Horn: Inv# - 95776	1	LSx15%	-	\$ 541.13	\$ 622.30
FMG: Inv #380592.	1	LSx10%	-	\$ 550.00	\$ 605.00
GIVE 'EM A BRAKE: Inv # 130217	1	LSx10%	-	\$ 3,704.33	\$ 4,074.76
					\$ 5,507.27
Grand Total					\$ 13,502.27

Jan Daniels

Thank you; Vince D'Angelo (248) 515-1942

No discount available

2-28-24

OMID SMU Manhole Repair

OK to pay Seth Heber

RC

Jed Am

3/21/2024

wo# 1203035

Dollars not accrued



Invoice #19014-WRCS

* USE AS ORIGINAL *

1/23/24

30836 W 8 Mile Rd

Farmington Hills, MI. 48336

WRC Sewer Repairs

TO: Oakland County WRC Sewer Dept

ATTN: Rich Cook, Adam Griffin

12060 15 Mile & Maple Ln Dr
Sterling Heights

DESCRIPTION OF WORK COMPLETED	Qty.	Unit	Hrs.	Rate	Total Per Line
10/30/23 15 Mile & Maple Ln Dr. Remove concrete slab. Repair MH / adj Rings.					
Mobilize 1 Excavator	1	EA	-	\$ 425.00	\$ 425.00
Demobilize 1 Excavator	1	EA	-	\$ 425.00	\$ 425.00
Excavator & Operator Reg Time	1	HR	12 ✓	\$ 155.00	\$ 1,860.00
Loader & Op Reg Time @ Pot Yard	1	HR	8 ✓	\$ 90.00	\$ 720.00
Labor, Regular Time	7	HR	8 ✓	\$ 48.00	\$ 2,688.00
Labor, Over Time	7	HR	4 ✓	\$ 58.00	\$ 1,624.00
Service Truck.	3	HR	12 ✓	\$ 35.00	\$ 1,260.00
Dump Truck	2	HR	12 ✓	\$ 80.00	\$ 1,920.00
Concrete Breaker	1	HR	5 ✓	\$ 70.00	\$ 350.00
					\$ 11,272.00
Materials					
Haul Off Spoils	30 ✓	YD	-	\$ 11.00	\$ 330.00
Hercules: Inv# - HMC014627	1	LSx15%	-	\$ 1,228.54	\$ 1,412.82 ✓
Gaz: Inv #24630	1	LSx10%	-	\$ 538.00	\$ 591.80 ✓
GIVE 'EM A BRAKE: Inv # 129913	1	LSx10%	-	\$ 2,263.18	\$ 2,489.50 ✓
					\$ 4,824.12
Grand Total					\$ 16,096.12

JOHN DANIELS

Thank you; Vince D'Angelo (248) 515-1942

2-23-24

OK to pay Seth Heber
wo# 1203033

OMID SMU Manhole Repair

RC

omid manhole contracted
repair services

Fund	82912	Dept	6010101
Prog	149131	Acct	730373
Contract #	604000 8812	Project	
Chap 20/21		Op Unit	
Approver	Jed		4/4/2024



Knowledgeable • Professional • Attentive • Likeable

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

Invoice No. 242159

Date: 02/22/2024

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

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

John Moore 4/5/2024

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

Contact: Terry Moore P.O.# WO# 1145 CS-9 Salesperson: Kevin Livingston Due Date: 03/23/2024

Description	Unit	Quantity	Price	Amount
2/9/2024 - CS-9 Correct Position Sensor Issue				
Senior Tech	Hours	6.50	195.00	1,267.50
Tech 1	Hours	6.50	185.00	1,202.50
Tech 2	Hours	6.50	175.00	1,137.50
Tech 2	Hours	6.50	175.00	1,137.50

Notes:
Field Service Sheets Enclosed

TM-3-25-24

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

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

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

Non-Taxable Amount:	4,745.00
Taxable Amount:	0.00
Sales Tax:	0.00
Total Invoice	4,745.00

Retention:	0.00
Payments/Credits:	0.00
Amount Due	4,745.00

Invoice



Jacobs Consultants, Inc.

Invoice No.: C6A19900-14
 Invoice Date: 3/14/2024
 Jacobs Project No.: C6A19900
 Services From: 12/30/2023
 Services Through: 3/1/2024

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

4/5/2024

Attn: Mr. Joel Brown, P.E.

Project Description: OMID Odor and Corrosion Control Facilities

Task Number	Task Description	Budget Total	Previously Invoiced	Current Invoice	Project to Date	Remaining Budget
Task 1	Additional Investigation/Modeling	\$ 226,151.90	\$ 226,489.81	\$ -	\$ 226,489.81	\$ (337.91)
Task 2	Basis of Design	\$ 122,605.02	\$ 122,303.64	\$ -	\$ 122,303.64	\$ 301.38
Task 3	ST-S-3 Vapor-Phase Treatment System - Subtask 3.1 - Design	\$ 276,371.00	\$ 276,367.83	\$ -	\$ 276,367.83	\$ 3.17
	ST-S-3 Vapor-Phase Treatment System - Subtask 3.2 - Bidding	\$ 17,154.74	\$ 941.14	\$ 12,157.22	\$ 13,098.36	\$ 4,056.38
Task 4	CS-6 Pump Station Vapor-Phase System - Subtask 4.1 - Design	\$ 191,218.29	\$ 96,755.18	\$ -	\$ 96,755.18	\$ 94,463.11
	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	\$ 80,194.04	\$ -	\$ 80,194.04	\$ 5.87
	CS-8 and ST-S-1 Local Odor Control - Subtask 5.2 - Bidding	\$ 12,829.09	\$ -	\$ 9,603.24	\$ 9,603.24	\$ 3,225.84
Task 6	Design Emergency Relief Valves for CS-9 High Pressures	\$ 21,081.00	\$ 21,071.61	\$ -	\$ 21,071.61	\$ 9.39
Task 7	Construction Ventilation Coordination	\$ 11,194.00	\$ 11,117.15	\$ -	\$ 11,117.15	\$ 76.85
Task 8	OMIDDD Progress Meeting Correction	\$ 32,868.00	\$ 32,865.66	\$ -	\$ 32,865.66	\$ 2.34
Task 9	Monthly Design Coordination Meetings Correction	\$ 46,767.00	\$ 46,750.01	\$ -	\$ 46,750.01	\$ 16.99
	Total	\$ 1,054,052.86	\$ 914,856.07	\$ 21,760.46	\$ 936,616.53	\$ 117,436.32

Previously Invoiced \$914,856.07
 Total This Invoice: \$21,760.46
 Total Invoiced To Date: \$936,616.53
 Budget Amount: \$1,054,052.86
 Remaining Amount USD: \$117,436.32

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

Signed
 Jason Matteo
 Project Manager

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



INVOICE		
DATE	NUMBER	PAGE
8/29/2023	638157	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 11001 E. STATE FAIR AVE
I DETROIT, MI 48234
P

T
O

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

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

CUSTOMER REF/PO #	JOB #	JOB TITLE	SLP	SHIPPING TYPE	TERMS
5825	0118330	GREAT LAKES WATER AUTHORITY, NORTHEAST PUMPING STATION, FIELD SERVICE, SANITARY	SAH/KTT	FIELD SERVICE	NET 60

QUANTITY		PART NO.	DESCRIPTION	UNIT PRICE	EXTENDED
B/O	Ship				

0.00	1.00	GRE550NORTHEASTPS	GLWA, NORTHEAST PUMP STATION KENNEDY INDUSTRIES PROVIDED (2) FIELD SERVICE TECHNICIAN(S) ONSITE ON 8/21/2023. PLEASE SEE THE ATTACHED SERVICE REPORT.	\$2,458.50	\$2,458.50
------	------	-------------------	--	------------	------------

TOTAL REFLECTS THE BELOW:

(15) HOURS OF LABOR
MILEAGE: \$99.00
FUEL SURCHARGE: \$49.50

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 6/2023) 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: \$ 2,458.50
	PAYMENTS: \$ 153.00
	TOTAL: \$ 2,305.50



KENNEDY INDUSTRIES

INNOVATE
SOLVE
MONITOR
REPAIR

INVOICE		
DATE	NUMBER	PAGE
1/22/2024	640242	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 11001 E. STATE FAIR AVE
I DETROIT, MI 48234
P
T
O

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

Jack Green

4/5/2024

ATTENTION:

DARRIN GREEN

586-214-5877

DBGreen@metcoservices.com

CUSTOMER REF/PO #	JOB #	JOB TITLE	SLP	SHIPPING TYPE	TERMS
01123	0123325	GREAT LAKES WATER AUTHORITY, NEPS, FIELD SERVICE, SANITARY	SAH/CAG	FIELD SERVICE	NET 60
QUANTITY		DESCRIPTION	UNIT PRICE	EXTENDED	
B/O	Ship				

0.00	1.00	GLWA, NORTHEAST PUMP STATION KENNEDY INDUSTRIES PROVIDED (3) FIELD SERVICE TECHNICIAN(S) ONSITE ON 01-15-2024. PLEASE SEE THE ATTACHED SERVICE REPORT.	\$3,929.75	\$3,929.75
------	------	---	------------	------------

TOTAL REFLECTS THE BELOW:

(24) HOURS OF LABOR
MILEAGE: \$66.00
FUEL SURCHARGE: \$49.50

TM-2-23-24

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 6/2023) 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:	\$3,929.75
	TAX:	\$0.00
	TOTAL:	\$3,929.75



One KONE Court
Moline, IL 61265
Please do not send payments to this address

Repair Invoice

Invoice Date: 07/21/2023
Invoice Number: 1158567076
Contract Number: 42174525
Purchase Order: None

WO 989

Customer Number: 13827636

Customer Billing Address:

OAKLAND MACOMB INTERCEPTOR DRAIN
DRAINAGE DISTRICT
1 PUBLIC WORKS DR BLDG 95 W
WATERFORD MI 48328

OAKLAND MACOMB INTERCEPTOR DRAIN
DRAINAGE DISTRICT
1 PUBLIC WORKS DR BLDG 95 W
WATERFORD MI 48328

**82912-6010101-149090-730660-9724-Ch. 21 - exp
8/1/23**

Joel Am

4/5/2024

Darrin Green called on 7/7/2023 at 9:02 AM reporting PASSENGER ELEVATOR was shut down. We arrived on 7/10/2023 at 7:57 AM and found the unit shut down due to activation of a safety-related device. We reset the device, checked the unit for safe and proper operation and returned the unit to service. This condition was not preventable through routine maintenance, and thus is outside the scope of the KONE Service Agreement. It is 100% billable.

Equipment: PASSENGER ELEVATOR
Equipment No: 44490178
Equipment Address: NORTHEAST SANITARY SEWER PUMP
STATION
11001 EAST STATE FAIR AVE
DETROIT MI 48234
Service Order: 9AUS15669485
Completion Date: 07/10/2023

	Net Value	Total
LABOR	\$ 336.56	\$ 336.56
EXPENSE	\$ 16.52	\$ 16.52
Total		\$ 353.08

TM-7-31-23

Thank you for your business.

TO VIEW AND PAY ONLINE GO TO	https://kone.billtrust.com
USE THIS ENROLLMENT TOKEN	VDF MGW GLX
KONE Service Enrollment Number	13827636

Payment Terms: Net 30

Please Pay Before: 08/20/2023

Late Payment Interest: 1.5%

Payment Options - please reference this invoice number

Make Payments Online

ACH

Bank Name: CitiBank
ABA Routing: 021000089
Account Number: 30915201
Account Name: KONE Inc.

Mail Check

KONE
P.O. BOX 734874
CHICAGO, IL 60673-4874

KONE DETROIT U190
11864 BELDEN CT
LIVONIA, MI 48150-1459

Telephone: +1 734-513-6944
www.KONE.us/billing

KONE Inc. TAX ID 36-2357423

Please do not send payments to this address



INVOICE NO. 1811-63 DATE: April 1, 2024

METCO PROJECT NO. 1811 INVOICE PERIOD: 03/04 thru 03/31/24

Contract ID 0000000000000000000005517

Vendor ID 0000020486

TO: OMIDD
Water Resources Commissioner
One Public Works Drive
Waterford, MI 48328
Attn: Joel Brown, P.E.
Chief Engineer-Construction Projects Unit

TITLE: OMID & NESPS Operation and Maintenance

Operational Plan

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

Joel Brown 4/5/2024

Table with 5 columns: Name, Title, Hrs., Rate/Hr., Amount. Rows include Raj Vijayendran, PE, Terry Moore, Darrin Green, Anthony Vozza, Rosana Santos. Subtotal OMID Operatons: \$ 16,353.00

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

Joel Brown 4/5/2024

Table with 5 columns: Name, Title, Hrs., Rate/Hr., Amount. Rows include Raj Vijayendran, PE, Terry Moore, Darrin Green, Anthony Vozza, Rosana Santos. Subtotal NEPS Operations \$ 15,932.42

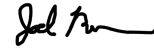
Subtotal Operations \$ 32,285.42

Maintenance & Asset Management

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

Joel Brown 4/5/2024

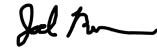
Table with 5 columns: Name, Title, Hrs., Rate/Hr., Amount. Rows include Terry Moore, Daniel Martel, Shailesh Patel, Anthony Vozza, Darrin Green, Sweta Soni, Youstina Gaid. Subtotal OMID Maintenance: \$ 13,094.25



Name	Title	Hrs.	Rate/Hr.	Amount
Raj Vijayendran, PE	Principal Engineer	8.0	\$ 225.75	\$ 1,806.00
Terry Moore	Operations Manager	32.0	\$ 162.00	\$ 5,184.00
Terry Moore	Operations Manager (Overti	2.0	\$ 204.75	\$ 409.50
Daniel Martel	Sr. Project Coordinator	2.0	\$ 152.25	\$ 304.50
Sean Grant	Sr. Project Engineer	0.0	\$ 152.25	\$ -
Travis Ford	Sr. Project Engineer	0.0	\$ 152.25	\$ -
Shailesh Patel	Sr. Project Engineer	17.0	\$ 152.25	\$ 2,588.25
Darrin Green	Staff Engineer	89.0	\$ 102.00	\$ 9,078.00
Darrin Green	Staff Engineer-(Overtime)	2.0	\$ 153.00	\$ 306.00
Anthony Vozza	Staff Engineer	80.0	\$ 102.00	\$ 8,160.00
Anthony Vozza	Staff Engineer-(Overtime)	0.0	\$ 153.00	\$ -
Abhishek Shah	Staff Engineer	0.0	\$ 102.00	\$ -
Sweta Soni	Designer/Drafter	28.0	\$ 101.00	\$ 2,828.00
Keli Mills	Administrative Assoc.	1.0	\$ 77.48	\$ 77.48
Subtotal:				\$ 30,741.73
Maintenance Services (see attached invoices):				\$ 1,244.01
Subtotal NEPS Maintenance:				\$ 31,985.74

Subtotal Maintenance: \$ 45,079.99

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



Name	Title	Hrs.	Rate/Hr.	Amount
Raj Vijayendran, PE	Principal Engineer	0.0	\$ 225.75	\$ -
Terry Moore	Operations Manager	0.0	\$ 162.00	\$ -
Terry Moore	Operations Manager (Overti	0.0	\$ 204.75	\$ -
Sean Grant	Sr. Project Engineer	32.0	\$ 152.25	\$ 4,872.00
Darrin Green	Staff Engineer	0.0	\$ 102.00	\$ -
Darrin Green	Staff Engineer-(Overtime)	0.0	\$ 153.00	\$ -
Anthony Vozza	Staff Engineer	0.0	\$ 102.00	\$ -
Abhishek Shah	Staff Engineer	8.0	\$ 102.00	\$ 816.00
Brandon Brochue	Designer/Drafter	0.0	\$ 101.00	\$ -
Subtotal Maintenance:				\$ 5,688.00

Task 12.0 - As-Needed Services - VFD Pump 4

Raj Vijayendran, PE	Principal Engineer	8.0	\$ 225.75	\$ 1,806.00
Daniel Martel	Sr. Project Engineer	8.5	\$ 152.25	\$ 1,294.13
Travis Ford	Sr. Project Engineer	4.0	\$ 152.25	\$ 609.00
Shailesh Patel, PE	Sr. Project Engineer	0.0	\$ 152.25	\$ -
Sweta Soni	Designer/Drafter	16.0	\$ 101.00	\$ 1,616.00
Subtotal 12.0:				\$ 5,325.13

TOTAL AMOUNT DUE THIS INVOICE: \$ 88,378.54



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
924567	0	001	1/31/2024	2/21/2024	95577

JOEL BROWN

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

AS NEEDED ELECTRICAL AND ENGINEERING SERVICES

SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

82912-6010101-149130-730660-5469-CH. 21- v # 7755- li#41132 - exp 12/31/23

4/5/2024

WORK PERFORMED 1/31/2024

TM-2-22-24

complete electrical construction

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



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

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

Invoice # : 635481
 Project : 61-200280
 Invoice Group : CMT
 Invoice Date : 4/3/2024

Attention: Joel Brown, P.E.

For Professional Services Rendered from **2/24/2024 - 3/22/2024**

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

Task 01	CMT Services	\$189,674.00
Task 02	Tnemec Coating Observation	-
	Preliminary Budget Amount	\$189,674.00
	Percent Complete:	87.76%

Analysis of Costs	This Invoice	Cumulative
Direct Salaries	\$ 304.39	\$ 42,355.55
Overhead %	188.00 572.25	79,628.41
Total Regular Labor Expense	876.64	121,983.96
Total Direct Labor	876.64	121,983.96
Profit / Fixed Fee %	12.00 105.20	14,638.08
Direct Expenses Charge	247.62	23,068.05
Expense Multiplier %	5.00 12.38	1,153.40
Direct Subcontractor Charge	0.00	5,302.50
Subcontractor/Subconsultant Multiplier %	6.00 0.00	318.15
Direct Unit Rate Charge	0.00	0.00
Total Other Direct Charges Reimbursables	260.00	29,842.10
Total Costs:	1,241.84	166,464.14
Total Due This Invoice	\$ 1,241.84	\$ 166,464.14



**84917-6010101-149015-730639-2603-1-3308- CH. 21- v#4716-li# 24138 exp
12/31/25**

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

Invoice # : 635482
Project : 61-200186
Invoice Group : **
Invoice Date : 4/3/2024

Attention: Joel Brown, P.E.

For Professional Services Rendered from **2/24/2024** - **3/22/2024**

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

Task 01	NI-EA OMID Contract No. 1 CCA	\$2,939,467.00
Task 02	OMID CS-9 Gate CCA	\$217,468.00
	Preliminary Budget Amount	\$3,156,935.00
	Percent Complete:	98.98%

Analysis of Costs	This Invoice	Cumulative
Direct Salaries	\$ 9,706.42	\$ 743,984.78
Overhead %	188.00 18,248.07	1,398,691.41
Total Regular Labor Expense	27,954.49	2,142,676.19
Total Direct Labor	27,954.49	2,142,676.19
Profit / Fixed Fee %	12.00 3,354.54	257,121.15
Direct Expenses Charge	751.43	69,115.28
Expense Multiplier %	5.00 37.57	3,455.76
Direct Subcontractor Charge	2,188.51	615,367.52
Subcontractor/Subconsultant Multiplier %	6.00 131.31	36,922.14
Direct Unit Rate Charge	0.00	0.00
Total Other Direct Charges Reimbursables	3,108.82	724,860.70
Total Costs:	34,417.85	3,124,658.04
Total Due This Invoice	\$ 34,417.85	\$ 3,124,658.04



NTH Consultants, Ltd.
 Infrastructure Engineering
 and Environmental Services

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

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

Invoice # : 635485
Project : 23001693
Invoice Group : **
Invoice Date : 4/3/2024

Attention: Jen Cook, P.E.

For Professional Services Rendered from 2/24/2024 - 3/22/2024

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

Task 01	Contract 2 CCA Services	\$1,907,063.00
	Preliminary Budget Amount	\$1,907,063.00
	Percent Complete:	31.25%

Analysis of Costs	This Invoice	Cumulative
Direct Salaries	\$ 16,571.21	\$ 95,764.33
Overhead %	188.00 31,153.87	180,036.94
Total Regular Labor Expense	47,725.08	275,801.27
Total Direct Labor	47,725.08	275,801.27
Profit / Fixed Fee %	12.00 5,727.01	33,096.15
Direct Expenses Charge	898.82	26,364.56
Expense Multiplier %	5.00 44.94	1,318.21
Direct Subcontractor Charge	59,591.55	244,644.39
Subcontractor/Subconsultant Multiplier %	6.00 3,575.50	14,678.69
Total Other Direct Charges Reimbursables	64,110.81	287,005.85
Total Costs:	117,562.91	595,903.27
Total Due This Invoice	\$ 117,562.90	\$ 595,903.27



WO 1122

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

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

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

4/4/2024

INVOICE 86384059	INVOICE DATE Feb 07, 2024
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JOB ADDRESS
Northeast Sewage Pumping Station - Generator 1
11001 East State Fair Avenue
Detroit, MI 48234 USA

Completed Date: 2/7/2024
Payment Term: NET 30
Due Date: 3/8/2024

DESCRIPTION OF WORK

SHUT GENERATORS DOWN AND OPENED BREAKERS TO HEATERS. CLOSED SHUT-OFF VALVES AND DRAINED HEATERS. WAITED FOR SECOND TECH FOR ASSISTANCE ON REMOVING HOSE GOING INTO ENGINE. TOOK HOSES TO PIRTEK AND HAD NEW ONES MADE. INSTALLED NEW HOSES VERIFYING NO LEAKS. TOPPED OFF COOLANT. RAN UNITS TO TEMP WITH NO ISSUES OR LEAKS FOUND. SYSTEM OPERATIONAL.

TASK	DESCRIPTION	QTY	PRICE	TOTAL
Commerical Labor	Commercial Labor - Normal Business Hours (7:30 AM - 4:30 PM) - \$129 Per Hour	5.00	\$129.00	\$645.00
TLAB	Travel labor	0.50	\$159.00	\$79.50
Mileage	Charge per mile of travel	48.00	\$3.00	\$144.00
Shop Surcharge	Shop Surcharge	1.00	\$49.99	\$49.99
TLAB	Travel labor	-0.50	\$159.00	\$-79.50
Mileage	Charge per mile of travel	1.00	\$-144.00	\$-144.00

TM-3-9-24

Materials

MATERIAL	DESCRIPTION	QUANTITY	YOUR PRICE	YOUR TOTAL
MAT-N	MISCELLANEOUS MATERIALS - To Have Block Heater Hoses Made Locally	2.00	\$475.00	\$950.00

SUB-TOTAL	\$1,644.99
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TOTAL DUE	\$1,644.99
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BALANCE DUE	\$1,644.99
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Thank you for choosing PM Technologies



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

March 19, 2024

Invoice No: 03559.01 - 45

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

Joel Brown 4/4/2024

Project 03559.01 Oakland-Macomb Interceptor Drainage 2020

Professional Services from February 1, 2024 to February 29, 2024

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

Professional Personnel

	Hours	Rate	Amount
Zann, John	66.00	113.85	7,514.10
Totals	66.00		7,514.10
Total Labor			7,514.10

Additional Fees

Overhead	149.10 % of 7,514.10		11,203.52
Profit	10.00 % of 18,717.62		1,871.76
Total Additional Fees			13,075.28

Total this Sub Task \$20,589.38

Total this Task \$20,589.38

Billing Limits

	Current	Prior	To-Date
Total Billings	20,589.38	589,790.09	610,379.47
Limit			880,000.00
Remaining			269,620.53

Total this Invoice \$20,589.38

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

Walsh Construction II, LLC

3031 West Grand Blvd.
Suite 640
Detroit, MI 48234
Attn: Daniel Nadeau
(313) 456-6505
dnadeau@walshgroup.com

Invoice Number: **220008-970233**
Invoice Date: **4/3/2024**
Due Date: **4/10/2024**

84917-6010101-149015-730660-PRJ 1-3309 - v#23191 - li # 43331

BILL TO:
Joel Brown, P.E.
Chief Engineer - Construction Projects Unit
One Public Works Drive
Waterford MI 48328
brownjt@oakgov.com
M: 248-410-4908



4/4/2024

DESCRIPTION		AMOUNT
Initial Arc Flash Insurance Payment (Payment #1)	Repairs	\$552,173.00
Initial Arc Flash Insurance Payment (Payment #1)	Acceleration Costs	\$157,679.00

TOTAL

\$709,852.00

This is the invoice for the initial Arc Flash Payment addressing most, but not all, direct repair costs claimed by Walsh Construction and the subcontractors. Walsh reserves all rights in the Arc Flash Claim and has more costs which are submitted for potential reimbursement

See attached for cost detail.

Agenda Item No. 13

Other Business

Agenda Item No. 14

Adjourn