

AGENDA

Oakland-Macomb Interceptor Drain Drainage Board Macomb and Oakland Counties

January 15, 2020 – 11:30 a.m.

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

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 January 15, 2020
3. Motion to approve the Drainage District Board Meeting Minutes from December 18, 2019
4. Public Comment
5. Motion to approve the Resolution to Authorize Tax and Continuing Disclosure Post Issuance Compliance Procedures (Colaianne)
6. Motion to approve the following Engineering Work Order:
Jacobs NESPS Odor/Corrosion Project for Additional CCA Services (Brown)
7. Motion to approve the following Change Order:
Change Order No. Three for CSM Mechanical, LLC, Miscellaneous Extra Work Items
8. Motion to approve the following Construction Estimate:
CSM Mechanical, LLC, Regular Construction Estimate No. Five
9. Report/Update – Status of OMI Project, Segments 1 through 4, NESPS
10. Financial Reports – General Financial Report and Status of State Revolving Fund Financing and Other Financing
11. Motion to approve the following Invoices:
 - a) Reimbursement of Oakland County WRC-Incurred Expenses and Costs
 - 1) Labor/Fringes/Non-Direct Labor Factor

• Segment 4	\$	3,517.86
• Segment 4 Odor Corrosion Study	\$	16,662.73
• Segment 4 Mileage	\$	905.96
 - 2) Equipment Charges

• Segment 4	\$	368.08
• Segment 4 Odor Corrosion Study	\$	1,886.81

b)	Reimbursement of Macomb County-Incurred Expenses and Costs Macomb County SCADA Reimbursement Invoice No. ARP200018		\$ 11,520.84
c)	Applied Science, Inc Invoice No. 7504	NESPS M&E	\$ 130,884.95
d)	CSM Mechanical, LLC Invoice No. 19-007	O&M	\$ 446.37
e)	Dickinson Wright Invoice No. 1432261	NESPS M&E	\$ 1,050.00
f)	Hutchinson Shockey Erley & Co Invoice No. N/A	O&M	\$ 5,000.00
g)	Kennedy Industries Invoice No. 615174	O&M	\$ 16,670.00
h)	Meadowbrook Insurance Agency Invoice No. 2026	Seg. 4	\$ 51,530.93
i)	METCO Invoice No. 1811-12	O&M	\$ 33,183.04
j)	Municipal Financial Consultants Invoice No. 1062	O&M	\$ 15,493.55
k)	NTH Consultants, Ltd		
	1) Invoice No. 5	NESPS Transition	\$ 1,616.10
	2) Invoice No. 7	O&M	\$ 63,941.91
	3) Invoice No. 11	O&M	\$ 1,969.89
	4) Invoice No. 16	Seg. 4	\$ 1,966.13
	5) Invoice No. 3	Seg. 4	\$ 1,488.82
l)	PM Technologies Invoice No. 132705		\$ 319.55
m)	Varnum Invoice No. N/A	Seg. 4	\$ 3,500.00

12. Liability and Property Insurance Policy Renewal Update (Meadowbrook)

13. Other Business

14. Adjourn

Next Regular Meeting: February 19, 2020 at the *Office of the Oakland County Water Resources Commissioner, One Public Works, Building 95 West, Waterford, Michigan* at 11:30 a.m., Eastern Standard Time.

Agenda Item No. 3

Board Meeting Minutes from December 18, 2019

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

December 18, 2019

Minutes of the regular meeting of the Drainage Board of the Oakland-Macomb Interceptor Drain Drainage District held at the office of the Macomb County Public Works Commissioner, 21777 Dunham Road, Clinton Township, Michigan on the 18th day of December, 2019 at 11:30 a.m. Eastern Standard Time.

PRESENT:

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

OTHERS PRESENT:

Representing the office of the Macomb County Public Works Commissioner: Karen Czernel; Don Heaton; Stephen Downing; Brian Baker. Representing the office of the Oakland County Water Resources Commissioner: Brian Coburn; Joel Brown; Sid Lockhart; Anne Vaara; Steven Korth; Jacklyn Thomas. Others in attendance: Brady Harrington; MDARD; Fritz Klingler, FK Engineering; Shawn Phelps, OC Fiscal Services; Larry Gilbert, NTH Consultants.

1. Call meeting to order.

Chairperson Gregg called the meeting to order at 11:42 a.m.

2. Agenda.

Motion by Miller, supported by Nash, to approve the December 18, 2019 agenda as presented.

AYES: Gregg, Miller and Nash

NAYS: None

3. Minutes.

Motion by Nash, supported by Miller, to approve the minutes of the November 20, 2019 meeting.

AYES: Gregg, Miller and Nash

NAYS: None

4. Public Comment. None.

5. Memorandum from Municipal Financial Consultants dated December 6, 2019 regarding the OMIDDD 2019 Bond Sales.

Steven Korth of Oakland County presented a Memorandum dated December 6, 2019 from Steven A. Burke, CFA of Municipal Finance Consultants that detailed the results of the November 21, 2019 bond sales for the Oakland-Macomb Interceptor Drain Drainage District. It was moved by Miller, supported by Nash, to receive and file the memorandum.

AYES: Gregg, Miller and Nash

NAYS: None

6. Engineering Work Order.

The following Engineering Work Order and project budget increase was submitted to the Board for approval:

NTH Consultants, Ltd, Engineering Work Order No. D-411 for OMID System Immediate Repairs for an amount not to exceed \$162,379 and project budget increase of \$415,180. Motion by Miller, supported by Nash, to approve the NTH Consultants Engineering Work Order for an amount not to exceed \$162,379 and a project budget increase of \$415,180 as presented.

AYES: Gregg, Miller and Nash

NAYS: None

7. Change Order.

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

Change Order No. Two for CSM Mechanical, LLC for a net increase in the amount of \$79,529.42. Motion by Miller, supported by Nash, to approve the CSM Mechanical LLC Change Order as presented.

AYES: Gregg, Miller and Nash

NAYS: None

8. Construction Pay Estimate.

The following Construction Pay Estimate was submitted to the Board for approval:

Construction Estimate No. Four for CSM Mechanical, LLC for a payment to the contractor in the amount of \$186,254.42 and a transfer of \$20,694.93 for deposit as retained funds in an interest-bearing account in a regulated financial institution in accordance with Act No. 524 of the Michigan Public Acts of 1980. Motion by Miller, supported by Nash, to approve Construction Pay Estimate No. Four as presented.

AYES: Gregg, Miller and Nash

NAYS: None

9. Report/Update – Status of OMI Project, Segments 1 through 4, NESPS.
Fritz Klingler of FK Engineering presented the Project Progress Update to the Board and summarized the status of various projects. Motion by Miller, supported by Nash, to receive and file the report and summary (as attached).

AYES: Gregg, Miller and Nash
NAYS: None

10. Financial Reports.
Shawn Phelps of OC Fiscal Services presented the financial reports for Segments 1 through 4 and the NESPS. Ms. Phelps also updated the Board on the \$2 M credit we are expected to receive from GLWA to reflect the change in sewer charges as a result of the recent contract amendment. Motion by Miller, supported by Nash, to receive and file the financial reports (as attached).

AYES: Gregg, Miller and Nash
NAYS: None

11. Invoices.

The following invoices were submitted to the Board for approval:

- a) Reimbursement of Oakland County WRC-Incurred Expenses and Costs
- 1) Labor/Fringes/Non-Direct Labor Factor
 - Segment 4 \$ 4,912.12
 - Segment 4 Odor Corrosion Study \$ 17,187.68
 - Segment 4 Mileage \$ 939.60
 - 2) Equipment Charges
 - Segment 4 \$ 1,347.95
 - Segment 4 Odor Corrosion Study \$ 2,062.01
- b) Applied Science, Inc
Invoice No. 7478 NESPS M&E \$ 106,015.92
- c) Clark Hill
Invoice No. 928434 O&M \$ 1,161.00
- d) Dickinson Wright
- 1) Invoice No. 1422311 O&M \$ 245.00
 - 2) Invoice No. 1422335 NESPS M&E \$ 4,865.00
- e) HESCO
Invoice No. 10567 O&M \$ 18,828.11
- f) Jacobs
Invoice No. 697317CH015 O&M \$ 12,547.23
- g) Konecranes
- 1) Invoice No. 154200863 O&M \$ 1,170.00
 - 2) Invoice No. 154215993 O&M \$ 507.00
- h) METCO
Invoice No. 1811-11 O&M \$ 27,712.81

i)	Motor City Electrical Technologies			
1)	Invoice No. 92834	O&M	\$	269.50
2)	Invoice No. 92835	O&M	\$	192.50
3)	Invoice No. 92836	O&M	\$	231.00
4)	Invoice No. 92837	O&M	\$	539.00
j)	NTH Consultants, Ltd			
1)	Invoice No. 4	NESPS Transition	\$	302.18
2)	Invoice No. 6	O&M	\$	56,044.31
3)	Invoice No. 10	O&M	\$	4,719.73
4)	Invoice No. 48	Seg. 4	\$	5,610.91
5)	Invoice No. 15	Seg. 4	\$	11,676.91
6)	Invoice No. 2	Seg. 4	\$	5,735.83
k)	PM Technologies			
	Invoice No. 0000132194	O&M	\$	10,425.00
l)	PMA Consultants			
	Invoice No. 03559-86	O&M	\$	7,439.38

Brian Baker of Macomb County inquired about mileage charges in Segment 4. Ms. Phelps said she would review the charges and report back to the Board. Motion by Miller, supported by Nash, to approve the invoices as presented.

AYES: Gregg, Miller and Nash

NAYS: None

12. Other Business. None.

13. Adjourn.

Motion by Nash, supported by Miller, to adjourn the December 18, 2019 meeting at 1:00 p.m.

AYES: Gregg, Miller and Nash

NAYS: None

Next Regular Meeting: January 15, 2020 at the *Office of the Oakland County Water Resources Commissioner, One Public Works, Building 95 West, Waterford, Michigan* at 11:30 a.m., Eastern Standard Time.

I hereby certify that the foregoing constitutes the minutes of the Drainage Board for the Oakland-Macomb Interceptor Drain Drainage Board, at a meeting held on December 18, 2019 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, and that the minutes were kept and will be or have been made available as required by the Act.

IN WITNESS WHEREOF, I have hereunto affixed my official signature on this ____ day of January, 2020.

Jim Nash, Secretary
Oakland-Macomb Interceptor Drain Drainage Board

Agenda Item No. 4

Public Comment

Agenda Item No. 5

Motion to approve the Resolution to
Authorize Tax and Continuing Disclosure
Post Issuance Compliance Procedures

**MICHIGAN DEPARTMENT OF AGRICULTURE
AND RURAL DEVELOPMENT**

In the Matter of:

Oakland-Macomb Interceptor Drain,

**RESOLUTION TO AUTHORIZE TAX AND CONTINUING DISCLOSURE
POST ISSUANCE COMPLIANCE PROCEDURES**

At a meeting of the Drainage Board (the "Board") for the Oakland-Macomb Interceptor Drain Drainage District, Oakland and Macomb Counties, Michigan, held at the Office of the Oakland County Water Resources Commissioner, _____, Waterford Township, MI _____ on the 15th day of January, 2020, at __:__ A.M.

PRESENT: _____

ABSENT: _____

ALSO
PRESENT: _____

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

WHEREAS, pursuant to the provisions of Chapter 21 of Act No. 40, Public Acts of Michigan, 1956, as amended the Oakland-Macomb Interceptor Drain Drainage District (the "Drainage District") issued its Oakland-Macomb Interceptor Drain, Drainage District Bonds, Series 2019, dated December 19, 2019, and the Oakland-Macomb Interceptor Drain Drainage District Refunding Bonds, dated December 19, 2019 (the "Bonds"); and

WHEREAS, in order to comply with Tax and Continuing Disclosure Procedures which must be followed after issuance of the Bonds, it is necessary to approve written procedures; and

WHEREAS, it is in the best interests of the Drainage District that these procedures be approved by the Drainage Board of the Oakland-Macomb Interceptor Drain Drainage District.

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

1. The Tax Compliance and Continuing Disclosure Post Issuance Compliance Procedures attached hereto are approved:

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

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

YES: _____

NO: _____

ABSTAIN: _____

The resolution was declared adopted.

CERTIFICATION OF PROCEEDINGS

I, _____, Secretary of the Drainage Board, hereby certify that (1) the foregoing is a true and complete copy of proceedings of the Drainage Board for the Drainage District referred to therein, at a meeting duly called, convened and held on the date and at the time and place therein stated, at which meeting a quorum was present and remained throughout; (2) the original thereof is on file in the records in my office; (3) the meeting was conducted, and public notice thereof was given, pursuant to and in full compliance with the Open Meetings Act (Act No. 267, Public Acts of Michigan, 1976, as amended) and (4) minutes of such meetings were kept and will be or have been made available as required thereby.

DATED: _____

Secretary of the Drainage Board

TAX AND CONTINUING DISCLOSURE POST ISSUANCE COMPLIANCE PROCEDURES

January 15, 2020

The following procedures (the “Procedures”) are adopted by the Drainage Board of the Oakland-Macomb Interceptor Drain Drainage District County of Oakland and County of Macomb (the “Issuer”) in connection with the issuance of tax advantaged bonds described in Appendix 1 attached hereto (the “Bonds”) by the Issuer. In order to maintain the tax advantaged status of the Bonds under the Internal Revenue Code of 1986, as in effect on the date hereof, and the regulations (the “Regulations”) promulgated thereunder (collectively, the “Code”), the Issuer must comply with the provisions of the Code from the date of issuance through final payment or maturity of the Bonds. The Issuer may have also entered into certain Undertakings, as defined herein, regarding securities laws. These post-issuance compliance responsibilities are summarized in the transcript of proceedings prepared in connection with the Bonds (the “Transcript”).

The purpose of these Procedures is to summarize the post-issuance responsibilities of the Issuer in connection with the Bonds. Steven Korth Deputy Water Resources Commissioner of the Issuer (the “Compliance Officer”) shall be the Issuer’s representative responsible for establishing and coordinating compliance with these Procedures.

These Procedures supplement, but do not replace, any other procedures of the Issuer. The Procedures may be supplemented or amended at any time and from time to time by the Issuer, with the advice of nationally recognized bond counsel, but without any notice to or consent from any trustee, any bondholder or any other person. Noncompliance with the Procedures is permitted, with the advice of nationally recognized bond counsel, but without any notice to or consent from any trustee, any bondholder or any other person, if (i) compliance would impose unreasonable burdens on the Issuer and (ii) noncompliance would not cause any Bonds to fail to satisfy all requirements of the Code.

General

1. The Compliance Officer shall be primarily responsible for monitoring compliance with the Code.
2. The Compliance Officer shall be provided with training and educational resources necessary to ensure compliance with the Code.
3. The tax and arbitrage certificate (the “Tax Documents”) contained in the Transcript describes the provisions of the Code that must be followed in order to maintain the tax advantaged status of the Bonds. In addition, the Tax Documents contain the reasonable expectations of the Issuer at the time of issuance of the Bonds with respect to the use of the proceeds and the assets to be financed or refinanced from the Bonds. These Procedures supplement and support the covenants made by the Issuer in the Tax Documents. In order to comply with the covenants in the Tax Documents, the Issuer must track and monitor the actual use of the proceeds, the investment

and expenditure of the proceeds and the use of the facilities financed with the Bonds over the life of the related Bond issue.

Issuance

1. In preparation for the issuance of any Bonds, the Compliance Officer shall review any offering materials, including an Official Statement or Offering Memorandum, prepared by the Issuer, its financial advisor or an underwriter, to ensure that such materials do not contain an untrue statement of a material fact nor are any facts omitted from such materials, the omissions of which would make statements contained in the materials misleading.

2. Upon issuance of any Bonds, the Compliance Officer shall obtain, review and retain a copy of any tax or arbitrage certificates of the Issuer with respect to each Bond issue.

3. The Compliance Officer shall cause an Internal Revenue Service Information Return (e.g., Form 8038-G) for any Bonds (an “Information Return”) to be filed with the Internal Revenue Service not later than the 15th day of the second calendar month after the close of the calendar quarter in which the Bonds are issued.

Post Issuance

1. The Compliance Officer shall monitor the yield on the investment of Bond proceeds (including compliance with any yield restrictions or temporary periods).

2. The Compliance Officer shall monitor the timely expenditure of Bond proceeds.

3. The Compliance Officer shall monitor the proper use of Bond proceeds and any facilities financed thereby.

4. The Compliance Officer shall, on or before each anniversary of the date of issuance of any Bonds, determine whether the Issuer has paid from funds available pursuant to the bond indenture or bond ordinance all amounts required to be rebated to the United States under Section 148(f) of the Code and Section 1.148-3 of the Regulations.

5. The Compliance Officer shall, on or before each anniversary of the date of issuance of any Bonds, determine whether the Issuer has made from funds available pursuant to the bond indenture or bond ordinance all yield reduction payments required to be made to the United States under Section 1.148-5(c) of the Regulations.

6. The Compliance Officer shall monitor the investment, expenditure and use of Bonds proceeds, to ensure timely identification of any violations of federal tax requirements and timely correction of any identified violations through remedial actions described in Section 1.141-12 of the regulations or other applicable regulation or through the Tax Exempt Bonds Voluntary Closing Agreement Program described in Notice 2010A-31.

7. The Compliance Officer shall monitor use of Bond proceeds, and any facilities financed or refinanced thereby, to ensure that (i) no facilities financed or refinanced by the Bonds will be sold prior to the earlier of the (a) the useful life of the facility or (B) the maturity date of

the Bonds and (ii) no more than the 10% of the Bond proceeds, considered separately, or any facilities financed thereby, are:

- (a) used by any nongovernmental person;
- (b) leased to any nongovernmental person;
- (c) used by any 501(c)(3) organization in an “unrelated trade or business” within the meaning of Section 513(a) of the Code without regard to whether such activity results in unrelated trade or business income under Section 511 of the Code;
- (d) subjected to any management, service or incentive payment contract with any nongovernmental person, under which such nongovernmental person provides services involving all, any portion or any function of such facilities, unless such contract satisfies the conditions under which it would not result in private business use set forth in Revenue Procedure 2017-13, as amended from time to time;
- (e) subjected to any agreement by any nongovernmental person to sponsor research, unless such agreement satisfies the conditions under which it would not result in private business use set forth in Revenue Procedure 2007-47 (2007 29 I.R.B. 108), as amended from time to time; or
- (f) subjected to any other arrangement that conveys special legal entitlements for beneficial use thereof that are comparable to special legal entitlements described in subparagraph (a), (b), (c), (d) or (e) above.

8. In the future for any bonds for which a Continuing Disclosure Undertaking (the “Undertaking”) has been executed by the Issuer, the Compliance Officer shall review such Undertaking and be primarily responsible for ongoing compliance with SEC Rule 15c2-12, as amended (the “SEC Rule”), if applicable, and any Undertaking to which the Issuer is a party. The Compliance Officer agrees to obtain any needed training or professional assistance for himself or staff, in order to meet the Issuer’s responsibility under the Undertakings. (See each Undertaking for exact requirements and timing thereof.)

9. The Compliance Officer should annually calendar a time to review compliance with *obligations under any Undertakings. Responsibility for ensuring such ongoing compliance shall include, but is not limited to, reporting to proper repositories (as of the date of execution of these Procedures, the sole repository is the Electronic Municipal Market Access website of the Municipal Securities Rulemaking Board at <http://www.emma.msrb.org>) the following information, where applicable:

* 8 and 9 apply to future issues of bonds by the Issuer where a “Continuing Disclosure”
_____ has been made.

a. Audited Financial Statements as described below and certain Annual Financial Information as described in the Issuer’s Official Statement dated November 13, 2019 will be submitted to EMMA not more than 210 days

after the last day of the Issuer's Fiscal Year, which is April 30 of each calendar year. If Audited Financial Statements are not available, unaudited financial statements shall be submitted, and Audited Financial Statements will be filed when available;

b. Audited Financial Statements will be prepared in accordance with generally accepted accounting principles applicable to governmental units as in effect from time to time (i.e., as subject to the pronouncements of the Governmental Standards Accounting Board and subject to any express requirements of Illinois law);

c. Audited Financial Statements and Annual Financial Information will be submitted to EMMA in such format and manner and accompanied by identifying information as is prescribed by the MSRB, or, if not available at that time, as indicated in paragraph 14(a) above;

d. notice of certain reportable events, subject in some cases to a determination of materiality by the Issuer, within 10 days of the occurrence; See Undertakings for exact list of events, but typically includes the following:

- Principal and interest payment delinquencies
- Non-payment related defaults, if material
- Unscheduled draws on debt service reserves reflecting financial difficulties
- Unscheduled draws on credit enhancements reflecting financial difficulties
- Substitution of credit or liquidity providers, or their failure to perform
- Adverse tax opinions, the issuance by the Internal Revenue Service of proposed or final determinations of taxability, Notices of Proposed Issue (IRS Form 5701-TEB) or other material notices or determinations with respect to the tax status of the security, or other material events affecting the tax status of the security
- Modifications to the rights of security holders, if material
- Bond calls, if material, and tender offers
- Defeasances
- Release, substitution, or sale of property securing repayment of the securities, if material
- Rating changes

- Bankruptcy, insolvency, receivership, or similar event of the Issuer*
- The consummation of a merger, consolidation, or acquisition involving the Issuer or the sale of all or substantially all of the assets of the Issuer, other than in the ordinary course of business, the entry into a definitive agreement to undertake such an action or the termination of a definitive agreement relating to any such actions, other than pursuant to its terms, if material
- Appointment of a successor or additional trustee or the change of name of a trustee, if material
- Incurrence of a financial obligation of the Issuer, if material, or agreement to covenants, events of default, remedies, priority rights, or other similar terms of a financial obligation of the Issuer, any of which affect security holders, if material**
- Default, event of acceleration, termination event, modification of terms, or other similar events under the terms of a financial obligation of the Issuer, any of which reflect financial difficulties**

If the Issuer employs another person or entity to assist with its obligations under any Undertakings, the Compliance Officer should annually review such agreement with that party in order to determine any and all responsibilities of the Issuer under that agreement.

Record Retention

1. Records related to Bond-financed assets must be kept for as long as the Bonds which financed the assets are outstanding, plus three (3) years after the final redemption date of those Bonds. In the case of a refunding, records relating to the original new money issue and all records relating to the refunding issue must be maintained until three (3) years after the final redemption date of both bond issues.

* This Reportable Event is considered to occur when any of the following occurs: the appointment of a receiver, fiscal agent, or similar officer for the Issuer in a proceeding under the U.S. Bankruptcy Code or in any other proceeding under State or federal law in which a court or governmental authority has assumed jurisdiction over substantially all of the assets or business of the Issuer, or if such jurisdiction has been assumed by leaving the existing governing body and officials or officers in possession but subject to the supervision and orders of a court or governmental authority, or the entry of an order confirming a plan of reorganization, arrangement or liquidation by a court or governmental authority having supervision or jurisdiction over substantially all of the assets or business of the Issuer.

** The term “financial obligation” means a: (i) debt obligation; (ii) derivative instrument entered into in connection with, or pledged as security or a source of payment for, an existing or planned debt obligation; or (iii) a guarantee of (i) or (ii). The term “financial obligation” does not include municipal securities as to which a final official statement has been provided to the MSRB consistent with the Rule.

The following documents shall be maintained, on paper or by electronic means (e.g., CD, disks, tapes) as indicated above:

- Tax Certificate and Arbitrage Certificate
- Information Return
- Audited Financial statements
- Bond transcripts, official statements and other offering documents
- Minutes and ordinances authorizing the issuance of the Bonds
- Certifications of the issue price of the Bonds
- Any formal elections for the Bonds (e.g., election to employ an accounting methodology other than specific tracing)
- Appraisals, demand surveys or feasibility studies for Bond-financed property, if any
- Documents related to government grants associated with construction, renovation or purchase of Bond-financed facilities, if any
- Trustee statements for the Bonds, if any
- Reports of any IRS examinations of the Issuer or Corporation Bonds
- Documentation of allocations of investments and investment earnings to the Bonds
- Documentation for investments of the Bond proceeds related to;
 - o Investment contracts (e.g., guaranteed investment contracts)
 - o Credit enhancement transactions (e.g., bond insurance contracts)
 - o Financial derivatives (swaps, caps, etc.)
 - o Bidding of financial products
- The following arbitrage related documents for the Bonds:
 - o Computations of Bond yield
 - o Computation of rebate and yield reduction payments
 - o Form 8038-T, Arbitrage Rebate, Yield Reduction and Penalty in Lieu of Arbitrage Rebate
 - o Form 8038-R, Request for Recovery of Overpayments Under Arbitrage Rebate Provisions
- Documentation of any allocations of Bond proceeds to expenditures (e.g., allocation of Bond proceeds to expenditures for the construction, renovation or purchase of facilities)
- Documentation of any allocations of Bond proceeds to issuance costs

- Copies of requisitions, draw schedules, draw requests, invoices, bills and cancelled checks related to Bond proceeds spent during the construction period
- Copies of all contracts entered into for the construction, renovation or purchase of Bond-financed facilities
- Records of expenditure reimbursements incurred prior to issuing the Bonds for facilities financed with Bond proceeds
- A list or schedule of all Bond-financed facilities or equipment
- Documentation that tracks the purchase and sale of Bond-financed assets
- Records of trade or business activities by third parties allocated to Bond-financed facilities, if any
- Copies of the following agreements when entered into with respect to Bond-financed property:
 - o Management and other service agreements
 - o Research contracts
 - o Naming rights contracts
 - o Ownership documentation (e.g., deeds, mortgages)
 - o Leases
 - o Subleases
 - o Leasehold improvement contracts
 - o Joint venture arrangements
 - o Limited liability corporation arrangements
 - o Partnership arrangements
 - o Take contracts, take or pay contracts, or requirements contracts

Agenda Item No. 6

Present Engineering Work Order for
Jacobs NESPS Odor/Corrosion Project for
Additional CCA Services



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, P.E. Macomb County Public Works Commissioner's Office

SUBJECT: LG Design Engineering Work Order #3 for Additional Construction Contract Administration Services

DATE: January 15, 2020

There has been a need for LG Design, Inc (LG) to provide additional construction contract administration support in order to better assist CSM with administrative tasks associated with the NESPS Odor Corrosion Control Project. This support is needed in two ways:

1. Increased field and office oversight to assist with administrative tasks and ensure project procedures and milestones are met as follows:
 - Increase CCA observation/support from 30 hours to 40 hours a week (total) on average for the entirety of the project (2,572 total hours).
 - CCA/Observation support time will be split between more senior level personnel at NTH Consultants and LG Design, Inc., according to project needs and to leverage the strengths of each firm.
2. Increased submittal review effort to review contractor submittals and respond to requests for information due to the following:
 - Unanticipated contractor resubmittals and requests for information.
 - An overall increase in electrical, mechanical and HVAC project submittals due to additional HVAC related items that were not anticipated during the original proposal, dated June 27, 2018. This includes METCO's review time as a subconsultant.

LG has generated the attached proposal, dated January 9, 2020, and cost spreadsheet that provides an hourly breakdown of the above support effort.

The associated fees for the above tasks are as follows:

• Additional CCA Services	\$278,012
• Additional Submittal Review Services	\$54,557
Total:	\$332,569

The attached Engineering Work Order has been created for the above services and compensation.

Requested Action: Approve the attached Engineering Work Order #3 to increase contract #5456 by a not-to-exceed amount of \$332,569 for a total not to exceed amount of \$1,272,470.46.

OAKLAND COUNTY WATER RESOURCES COMMISSIONER

One Public Works Drive

Phone: (248) 858-0958

Waterford, Michigan 48328-1907

No. -**ENGINEERING WORK ORDER**FOR: NESPS Odor and Corrosion Control ProjectAmendment to Contract #5456 For Additional CCA AssistanceTO: LG Design, Inc.DATE: 1/9/20**DESCRIPTION**

Section A-Engineering Services and Section Compensation for Engineering Services, Item Nos. 3 (Construction Phase) & 4 (Compensation for Additional Special Services, Construction Surveying layout, Construction Observation, and Resident Project Representative), and Exhibit C – Engineer’s Proposal

This Engineering Work Order (EWO) No. 3 is required to define specific additional tasks and compensation related to the Northeast Sewage Pumping Station (NESPS) Odor and Corrosion Control Project that falls under the aforementioned sections of Contract #5456. This EWO serves as your approval for compensation of the following additional services as delineated in your January 9, 2019 proposal.

1. Increased construction contract administration field and office oversight to assist with administrative tasks and ensure project procedures and milestones are met as follows:
 - Increase CCA observation/support from 30 hours to 40 hours a week (total).
 - CCA/Observation support time will be split between NTH Consultants and LG Design, Inc. according to project needs.
2. Increased submittal review effort to review contractor submittals and respond to requests for information due to an increase in project scope that was not anticipated during the original proposal, dated June 27, 2018.

The associated fees for the above tasks are as follows:

1. Additional CCA Services	\$278,012
2. Additional Submittal Review Services	\$54,557
Total:	\$332,569

Fees for this Engineering Work Order No. 3 shall be billed on a time and material basis according to the contract standard fee and rate schedule. The total amount of the Engineering Services Agreement is to be increased by \$332,569 for a total not to exceed amount of \$1,272,470.46. This amount is not to be exceeded without written authorization from the Oakland-Macomb Interceptor Drain Drainage District (OMIDDD) Board.

PREPARED**DATE:** _____**APPROVED****DATE:** _____

By: Joel Brown, P.E.
Project Engineer
OCWRC

By: Stephen Downing, P.E.
Construction and Maintenance Manager
MCPWO

ACCEPTED**DATE:** _____**APPROVED****DATE:** _____

By: Mark Pochodylo, P.E.
Assistant Vice President
LG Design, Inc.

By: Sid Lockhart, P.E.
Special Projects Manager
OCWRC

Approved by Drainage Board on: _____



January 9, 2020

Oakland-Macomb Interceptor Drain Drainage District (OMIDDD) c/o:

Mr. Joel Brown, P.E.
Oakland County Water Resources Commissioner
One Public Works Drive, Building 95 West
Waterford, MI 48328-1907

Mr. Stephen Downing
Macomb County Public Works Commissioner's Office
21777 Dunham Road
Clinton Township, MI 48036-1005

Subject: Northeast Sewage Pumping Station Odor/Corrosion Control System
Additional Services During Construction (SDC) Scope and Fees

Dear Messrs. Brown and Downing:

LG Design, Inc. (a subsidiary of CH2M, now Jacobs) completed the 100% Design plans and specifications earlier this year for the proposed odor/corrosion control system consisting of a biotrickling filter (BTF) at the Northeast Sewage Pumping Station (NESPS). The biotrickling filter unit is currently being fabricated by BioAir Solutions, the BTF supplier selected by OMIDDD in a recent procurement using bidding documents also prepared by LG Design, Inc. In addition to the BTF, our design package for the NESPS facility odor/corrosion control system includes significant improvements to the station heating, ventilation, and air conditioning (HVAC) systems.

On May 2, 2019, the Bid Opening for this project was held, and two contractors submitted bids. CSM Mechanical, Inc. (CSM) was the apparent low bidder (\$3,783,390.00), which was approximately \$310,000 lower than the other bidder.

As of May 24, 2019, CSM was awarded the construction contract for this project. Notice-to-Proceed was issued on July 31, 2019. The CSM contract stipulates the following key completion dates.

- **Biotrickling Filter Substantial Completion: February 6, 2020**
- **HVAC Improvements Substantial Completion: July 28, 2020**
- **Project Final Completion: September 26, 2020**

CSM is a proven mechanical contractor, and continues to do good work for OMIDDD and other projects for both Macomb and Oakland Counties. That said, this project is the largest HVAC project for which CSM has served as prime construction contractor. Given this, the OMIDDD requested that the Jacobs team increase our involvement to provide full-time construction observation and construction administration services throughout the 14-month construction duration. Our original contract did not include services from Larry Gilbert of NTH. Also, our original level-of-effort only assumed a junior RPR at an average of 30 hours/week through substantial completion. In addition, a relatively small number of submittal reviews and RFI reviews were assumed.

In accordance with your request, we are proposing to leverage Steve Roberts of Jacobs to provide part-time RPR services and construction administration support, and Larry Gilbert to support the construction administration to completion of this project. Together with Project Manager Jason Matteo, our proposed enhanced construction oversight team will provide OMIDDD with additional reassurance that the project will be provided the support it needs to complete the project on schedule, while minimizing risks. A level-of-effort and cost worksheet for the proposed additional services is enclosed.

Given the additional requested services during construction, we respectfully request your consideration to amend our budget for this contract to include an additional **\$332,569** for the additional effort during the ongoing Construction Phase of this project.

In the meantime, we continue to focus on advancing the construction of this project and look forward to the implementation of these critical odor/corrosion control improvements at the NESPS in accordance with our project schedule.

Please contact me at 586-453-8666 with any questions or requests for additional information regarding our additional bidding phase efforts.

Sincerely,

A handwritten signature in black ink that reads "Jason A. Matteo". The signature is written in a cursive style with a long horizontal line extending from the end of the name.

Jason A. Matteo, P.E.

Senior Project Manager

Oakland-Macomb Interceptor Drain Drainage District
Northeast Sewage Pumping Station Odor and Corrosion Mitigation
Level-of-Effort and Costs for Design, Bidding and Services During Construction and Post-Construction

Project Phase	Task No.	Task Description	Level of Effort (hours)																				Labor Charge by Task (Using 2.84 Multiplier)		
			Principal-in-Charge	Project Manager	Senior Technical Consultant	Design/Specifications	Process/Mechanical Lead	Structural Lead	Geotechnical	Architectural Lead	Civil/Yard Piping Lead	HVAC Lead	Electrical Lead	I&C Lead	Engineering Tech/CAD Designer	CAD Tech	QA/QC Review			Cost Estimator	RPR/Field Inspector	RPR-Stephen Roberts		Project Assistant	Total Hours by Task
																	Process/Mechanical	Structural, Electrical, I&C	Specifications						
Design	1	Define Standards, Prepare Project Management Plan, and Prepare Pre-purchase Documents	2	16	24	44	16	2		4	2	10	4		4	60	2	2		4			12	208	\$33,527
	2	Prepare Preliminary Design	4	32	40	44	36	4	2	4	6	48	8	2	24	140	4	4	12	14			20	448	\$68,349
	3	Prepare Final Design (60%, 90%, and 100% Design Packages)	6	60	50	80	84	32	4	8	24	142	46	4	48	320	24	8	32	38			60	1,070	\$158,327
	CO#1	Additional Design Effort																							\$21,700
Bidding	4	Assist OMIDDD with Bidding and Award	4	60	12		20					12											40	148	\$24,461
	CO#2	Additional Permit Fees and Bidding Assistance																							\$18,201
Services During Construction	5	Provide Construction Observation and Administration	6	80	16	40	40	24			42	80	60		40		40		60		1,300			1,828	\$273,775
	6	Review Submittals/Shop Drawings	2	60		35	80	20			18	80	30				14		40					379	\$61,091
	7	Changes and Claims Assistance	4	32	14	8	8	2			2	12	4		4									90	\$17,361
	8	Conduct Site Inspections by Design Engineers		24	60	32	32					32												180	\$35,641
	CO #3	Additional CCA Effort		60																	-1,300	1,452		212	\$70,412
		Additional Submittal Effort					20					20	30	40					85					195	\$24,557
Post-Construction Services	9	Prepare O&M Manual		4		24	38					38	24		16		8		16					168	\$26,718
	10	Provide Operator Training				30						10			4		2		4					50	\$9,082
	11	Assist with Facility Start-up	2	8	10	40	10					20												90	\$17,129
	12	Prepare Record Drawings					4	2			2	4	2		34		4						8	60	\$9,803
	13	Conduct Warranty and Performance Reviews	2	32		24	8						16				4							86	\$15,925
		Design Effort (Tasks 1 through 3)	12	108	114	168	136	38	6	16	32	200	58	6	76	520	30	14	44	56	0		92	1,726	\$281,903
		Bidding and Award Support Effort (Task 4)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	\$42,662
		Services During Construction (Tasks 5 through 8)	12	256	90	115	180	46	0	0	62	224	124	40	44	0	54	0	185	0	0		0	2,884	\$482,837
		Post-Construction Services (Tasks 9 through 13)	4	44	10	118	60	2	0	0	2	72	42	0	54	0	18	0	20	0	0		8	454	\$78,657
		Total Labor	24	364	204	283	316	84	6	16	94	424	182	46	120	520	84	14	229	56	0		92	5,212	\$886,059

CH2M Equipment and Travel Costs: \$25,000
Water Main Allowance: \$25,000
Site Survey: \$10,000
Geotechnical Investigation (NTH Consultants): \$5,000
Hazardous Materials Investigation of NESPS Building (NTH Consultants): \$16,000
Construction Admin. Lead; Mr. Larry Gilbert at average 20 hours/week for 12 months, then 10 hours/week for 2 months, or 1,120 hours total (NTH Consultants): \$207,600
Electrical/I&C (METCO): \$43,400
Additional Electrical/I&C Submittals and RFIs Review; assumes 19 Submittals and 20 RFIs (METCO): \$30,000
Allowance: \$20,691
CH2M 5% Mark-up on Subs: \$3,720

TOTAL FEE: \$1,272,470

Agenda Item No. 7

Present Change Order No. Three for
CSM Mechanical, LLC, for
Miscellaneous Extra Work Items

CHANGE ORDER NO. Three
Oakland Macomb Interceptor Drain, Drainage Board
 For Construction of the Odor/ Corrosion Control Facility
 Northeast Sewage Pumping Station
 Located in the City of Detroit, Wayne County, Michigan

CONTRACTOR: CSM Mechanical, LLC

Authorization for:

1.) Procurement of Safety/ Rescue Equipment; 2.) Pump-out and Cleaning of Underground Storage Tank; 3.) Extension of Underground Odorous Air Duct work; 4.) Rework Filter vessel connection flange bolt holes; 5.) Provide concrete fill and vibration mounts for BioFilter fan base installation.

Address: 7400 Hickory Valley Drive
Fenton, MI 48430

Change Order No.: 3 Date: January 06, 2020

Aut h. No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
3-1	<p><u>LOCATION:</u></p> <p>Northeast Sewage Pumping Station (NESPS), located in the City of Detroit, Wayne County, Michigan</p> <p><u>DESCRIPTION: (Extra/ Add)</u></p> <p>Furnish standby safety and emergency rescue equipment and supplies for permanent installation within the NESPS. The value of this equipment is estimated to total a "Not to Exceed" (NTE) value of \$2,500.00.</p> <p><u>REASON:</u></p> <p>The potential need for readily available emergency rescue equipment to assist in the recovery and transport of incapacitated individuals from both the lower elevation Wet Well and Dry Well areas of the NESPS was recognized, noting the procedural limitations of traditional First Responders to access these areas. This equipment will be strategically located and displayed within the NESPS Dry Well to provide for immediate access when required, and will be available for current construction activities as well as future NESPS operational needs.</p>	LS	1 ea.	NTE \$2,500.00	NTE \$2,500.00	-0-

OMID Odor/ Corrosion Control Facility (NESPS); C.O. # 3

Aut h. No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
3-2	<p><i>Attachment:</i> Work Change Directive (Draft) of 12-27-19</p> <p><u>DESCRIPTION: (Extra/Add)</u></p> <p>Retain the service of a licensed environmental services contractor to drain and dispose of the contents (aged furnace heating oil, 3500 gal. approx.) of an abandoned Underground Storage Tank (UST) at the NESPS. Work is to include draining of the supply and return piping runs, proper disposal of the contents, capping of the lines within the NESPS interior, and pressure wash cleaning of the tank interior and piping runs. The quoted value of the activity is estimated at \$7,978.29, and the requested C.O. amount of \$8,800.00 NTE includes a 10% contingency value for unanticipated additional remediation tasks.</p> <p><u>REASON:</u></p> <p>The original heating system for the NESPS Dry Well utilized furnace oil for fuel, but was eventually updated to natural gas. The UST was historically left in place in an approx. 2/3 full condition, and it is now determined that for both environmental and future construction impact reasons, the UST should be evacuated and rendered dormant. This action is in compliance with Michigan "MUST" requirements for tank abandonment, noting also that the actual tank and supporting slab are planned for subsequent removal under future OMID DD contracts.</p> <p><i>Attachment:</i> CSM Mechanical Quotation of 12/16/19</p>	L.S.	1 ea.	NTE \$8,800.00	NTE \$8,800.00	-0-
3-3	<p><u>DESCRIPTION: (Change/ Add)</u></p> <p>Furnish labor, equipment, and material to extend the underground portion of the proposed 36" dia. HDPE Odorous Air (OA) Duct an additional 3' at the southwest corner of the Gatehouse Discharge Chamber</p>	L.S.	1 ea.	\$5,543.57	\$5,543.57	-0-

OMID Odor/ Corrosion Control Facility (NESPS); C.O. # 3

Aut h. No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
	<p><u>REASON:</u></p> <p>The original proposed layout for this underground connection to the Gatehouse Central Chamber was found to conflict with existing ventilation piping at the point of through-wall connection. The 36" OA duct was extended as noted to resolve this unforeseen condition.</p> <p>Attachment: CSM Mechanical LLC Quotation of 12/11/19</p>					
3.4	<p><u>DESCRIPTION: (Change/ Add):</u></p> <p>Provide labor and equipment to rework the fiberglass bolted flange connections on the BioAir filter vessel.</p> <p><u>REASON:</u></p> <p>The BioAir filter vessel consists of a large diameter fiberglass cylinder custom fabricated in segments with flanged connections designed for bolt-up assembly in the field. Upon erection, it was determined that a limited number of the circumferential flange bolt holes were improperly aligned during shop fabrication, thus requiring field modification to allow for bolt insertion. The repair work was completed using powered "man-lifts" to facilitate access for the above ground repair locations.</p> <p>This extra work is the result of improper fabrication by BioAir, the cost of which will be charged back to BioAir who is the original provider of this Owner-furnished equipment.</p> <p>Attachment: CSM Mechanical quotation of 12/11/19.</p>	L.S.	1 ea.	\$4,028.94	\$4,028.94	-0-
3.5	<p><u>DESCRIPTION (Extra/ Add):</u></p> <p>Furnish labor and material to install the concrete-filled "inertia bases" for the Trickling filter fan supports. These bases provide a large stable mounting platform for the main ventilation fans and are designed to accept and dampen the various dynamic forces created by the fans during regular operation.</p>	L.S.	1 ea.	\$5,476.65	\$5,476.65	-0-

OMID Odor/ Corrosion Control Facility (NESPS); C.O. # 3

Aut h. No.	Location-Description-Reason	Unit	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
	<u>REASON:</u> The fabricated steel frame for the inertia bases was provided by BioAir as a component of the Owner-furnished equipment package. Placement of the concrete fill and final installation of the bases, however, required additional work by the Contractor that was not depicted in the Contract documents. Attachment: CSM Mechanical, LLC Quotation of 12/12/19					
				Totals	\$26,349.16	-0-
				Net Changes: Increase	\$26,349.16	-0-

(Continued)

OMID Odor/ Corrosion Control Facility (NESPS); C.O. # 3

Oakland Macomb Interceptor Drain, Drainage District

For Construction of the Odor/ Corrosion Control Facility

Northeast Sewage Pumping Station (NESPS),

Located in the City of Detroit, Wayne County, MI

Signatory Recommendation and Approvals (Page 4 of 5) follows this Page.

OMID Odor/ Corrosion Control Facility (NESPS); C.O. # 3

Prepared By:

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

Date:

01-18-2020

Recommended By:

Jason Matteo, P.E.
Project Manager, Jacobs

Date:

Approved by:

Joel Brown, P.E.
Project Manager, WRC

Date:

Approved By:

Stephen Downing, P.E.
Construction and Maintenance Manager, Macomb County Public Works

Date:

Approved By:

Sid Lockhart, P.E.
Manager of Special Projects, WRC

Date:

Approved by:

Steve Korth, P.E.
Manager, WRC

Date:

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

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

Accepted by:

Date

Title

of:

CSM Mechanical, LLC

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

This Change Order No. 3 was approved by the Drainage Board on:

Date:

Agenda Item No. 8

Present Construction Estimate No. Five for
CSM Mechanical, LLC

OAKLAND MACOMB INTERCEPTOR DRAIN DRAINAGE BOARD
For Construction of the Odor / Corrosion Control System- Northeast Sewage Pumping Station
Located in the City of Detroit, Wayne County, Michigan
Project ID 100000002708

Regular Construction Estimate Number Five

December 01, 2019 to December 31, 2019

Department No.:	6010101	Account No.:	731472
Fund No.:	84915	Program No.:	149015
Project No.:	295117	Activity:	FAC

Contractor:
CSM Mechanical, LLC
7400 Hickory Valley Dr.
Fenton, MI 48430

Contract No. # 5777

Date of Contract:	July 3, 2019
Completion Date:	July 1, 2020
Extended to:	N/A

Original Contract Amount:		\$3,783,390.00
Previous Change Orders:	C.O. 1: \$48,994.20	\$48,994.20
Change Orders This Estimate:	C.O. 2 : \$79,529.42	\$79,529.42
Total Net Change Orders:		\$128,523.62
Adjusted Contract Amount:		\$3,911,913.62
Sub-Total To Date:		\$3,911,913.62
Less Deductions:		\$ -
Gross Estimate: (Work in Place)		\$1,226,311.60
Less Amount Reserved (10% of Gross Estimate)		\$122,631.16
Total Amount Allowed To Date:		\$1,103,680.44
Less Previous Estimates:		\$808,280.87
Net Payment Request To Be Paid To Contractor:		\$295,399.57
Reserve Payment to Contractor		
Balance of Contract to Date	\$2,685,602.02	Accounting Auditor:
Amount To Be Reserved (From Above)		\$122,631.16
Less Previous Transfers To Reserve:		\$89,808.98
Amount of Current Transfer:		\$32,822.18

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

Date: 8-18-2020

Recommended by: _____
Jason Matteo, P.E.; Jacobs

Date: _____

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

Date: _____

Recommended by: _____
Stephen Downing, P.E.; Macomb County OPWC

Date: _____

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

Date: _____

Regular Construction Estimate Number Five

Approved By Board On: _____

Agenda Item No. 9

Report/Update – Status of OMI Project,
Segments 1 through 4, NESPS

Oakland Macomb Interceptor Drain (OMID) Repairs

Project Progress Update

Prepared by:

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

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

January 15, 2020 OMIDDD Board Meeting

The following provides a status update as of the writing of this report (January 9, 2020) 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 – Ongoing:

Engineering Consultant: Jacobs Engineering

Project Budget Summary:

- | | |
|--|--------------|
| • Original Project Budget (including Fan Testing Allowance of \$60,000): | \$383,789.00 |
| • Total Spent (through December 2019): | \$341,011.42 |
| • Remaining Budget (through December 2019): | \$42,777.58 |

Milestone Schedule Summary:

- Draft report including previously prepared tech memos, detailed model results, conceptual layouts, opinions of costs, and recommendations will be delivered in January 2020.

Status of Major Project Tasks:

- Continued to advance conceptual design of vapor-phase odor/corrosion control alternatives.
- Continued making refinements to WATS sewer process model and AERMOD air dispersion modeling for drop connections with internal drops and existing CS-6 carbon units, respectively.
- Coordinated with OMIDDD representatives the various methods to install corrosion control facilities that minimize impacts and improve aesthetics.
- Preparing draft study report, including detailed exhibits, sewer process modeling and air dispersion modeling and recommendations including odor/corrosion treatment facilities at strategic locations along the OMID.

SRF Segment 2 Status:

Contract 3 (Base Contract) – Complete, Closeout Pending

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

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

January 15, 2020 OMIDDD Board Meeting

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

- Construction Amt Invoiced:** Change Order 2E through 2J adjusted Contract Amount of \$5,151,543.52.
- Schedule Status:** Substantially Complete on 11/25/17, with additional Gatehouse lining work performed under Change Order 2-I and completed on March 31, 2019
- East side Tnemec repairs are complete; west side repairs remain delayed as a result of Pump 1 damage related to an electrical fire on 3/9/2019. Electrical repairs and testing remain in progress with completion anticipated by early February 2020. Tnemec Repairs expected to be complete by mid-March 2020.

SRF Segment 3 Status:

Contract 4: Complete

SRF Segment 4 Status:

Contract 5A/5B – Complete, Administrative Closeout Pending:

- Construction Amount Invoiced (C5A/B):** \$11,865,520.08 corresponding to 100% of the revised final contract amount, through 6/30/17.
- Schedule Status:** Completed 12/31/16, on time, based on revised completion, as established by Change Order.
- City of Utica Use Agreement for access paths is pending; awaiting final community authorizations.

Contract 6 – Complete, Administrative Closeout Pending:

- Construction Amt Invoiced (C6):** \$3,172,793.60 corresponding to 100% of the revised final contract amount, through 12/31/2016.
- Schedule Status:** Completed on 12/31/16, on time, based on final negotiated schedule, as established by Change Order.

Contract 7 (NIEA Emergency Rehab) – Complete

January 15, 2020 OMIDDD Board Meeting

NESPS Odor/Corrosion Mitigation System (No Contract Number)

Engineering Consultant: LG Design, Inc. (subsidiary of Jacobs Engineering)

Prime Construction Contractor: CSM Mechanical, LLC

Project Budget Summary:

- | | |
|---|----------------|
| • BioAir Solutions, LLC for Bio-Trickling Filter (BTF) Fabrication: | \$ 816,570.00 |
| • CSM Mechanical, LLC (General Construction Contractor): | \$3,829,960.00 |
| • Jacobs (Design and CA/RPR) Budget: | \$ 939,901.46 |
| • Remaining Jacobs Budget (through October 2019): | \$ 231,658.32 |

Milestone Schedule Summary:

- Notice-to-Proceed letter sent to CSM on August 1, 2019.
- Installation of BTF at NESPS Substantial Completion: February 6, 2020.
- BTF Acclimation, Start-up and Testing: April 8, 2020.
- HVAC Improvements Substantial Completion: July 28, 2020.

Status of Major Project Tasks:

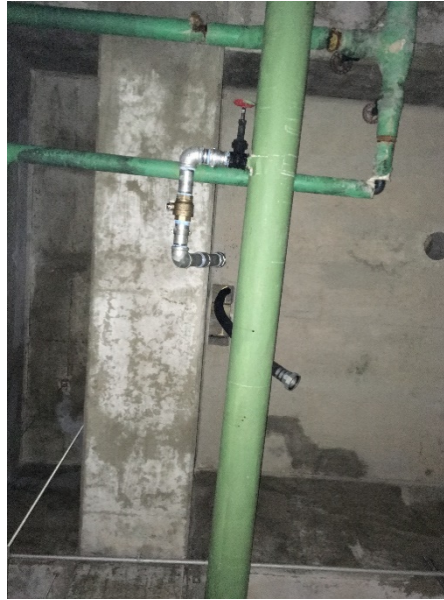
- Weekly Construction Progress Meetings continue with CSM Mechanical, LLC and other project stakeholders and are conducted at the NESPS construction trailer. Stakeholders include OMIDDD representatives, CSM key staff, GLWA and Jacobs.
- BioAir Solutions has fabricated and delivered the major bio-trickling filter (BTF) components. Only the electrical panel remains to be delivered in early January. CSM Mechanical, LLC successfully placed the vessel on the foundation on October 18, 2019. The associated odor control fans have been installed during the first week of December.
- CSM has completed concrete driveway demolition, excavation for BTF foundation and final concrete pours for the bio-trickling main foundation pad and associated duct supports. CSM has completed the Odorous Duct support foundations and light pole bases, and structural steel support columns have been installed.
- Water supply and drain lines have been installed through the pump station caisson walls to the station interior and backfilled on the exterior. CSM has begun installation of water supply and drain lines on the exterior of the biotrickling filter vessel. CSM has also completed installation of the bio-trickling filter electrical duct bank.
- Additional electrical installation activities are ongoing inside the station to provide power to various components of the new biotrickling filter and HVAC systems.
- Demolition crews have removed the existing dry well Supply Fans and support frames (# 1 and # 2) in preparation for dismantling and scrap recycling. A temporary fan arrangement is now installed to provide ventilation for crews working on other tasks within the Wet Well confined space. The temporary fans have been procured on a "Rental-Purchase" basis from Jay Dee Contractors, thereby allowing OMIDDD to optionally acquire the portable fans at the completion of the rental period at a favorable cost. Pre-task planning has been completed for wet well entry and scaffolding erection is planned for early January.

January 15, 2020 OMIDDD Board Meeting



Structural steel support columns installed for future installation of FRP duct; Round spiral industrial aluminum ductwork installed around existing discharge pipe on Elevation 577.67 feet.

January 15, 2020 OMIDDD Board Meeting



Preparation for temporary water supply during upcoming water shutdown.

- Demolition has been completed of new openings in Fan Room Nos. 1 and 2 for future installation of motorized dampers in conjunction with new drywell supply fans. CSM has begun installation of round spiral industrial aluminum duct work in the southwest corner of the station and are working from the lower level upwards toward Fan Room No. 1.
- Potential addition of NESPS LED lighting in the wet well is currently being evaluated and coordinated with CSM. A field order to add a water service control valve and gate well outside the station has been sent to CSM and installation is scheduled for mid-January 2020, pending ongoing set-up of a temporary bypass water line to feed make-up water to the station pumps during the shutdown. Crews have relocated one fire hydrant to the northeast of the pumping station in preparation for driveway realignment. The second fire hydrant to the southeast of the pumping station will be relocated in early January 2020.
- CSM is utilizing an outside scheduling consultant (PMA) and has submitted a baseline schedule, which is now finalized following initial review comments. In addition, the first schedule revision update has been submitted and is being evaluated.
- CSM is preparing an updated comprehensive project Health and Safety Plan and will submit, with revisions, to OMIDDD and Jacobs.
- Change Order No. 1 was approved in the November 2019 OMID Board Meeting. This item addresses the Michigan Use Tax liability imposed on the Contractor for Owner purchased equipment (BioAir Filter Arrangement).
- Change Order No. 2 was approved in the December 2019 OMID Board Meeting. This change addresses various work activities which were deemed necessary for inclusion into the biotrickling filter project but were not included in the initial work scope.
- Jacobs is reviewing options to add NESPS wet well heating, which currently is considered of marginal value. DTE-Mich Con is evaluating gas service availability at NESPS which under current reporting will require a new gas service installation from State Fair Ave, to the NESPS HVAC room.

January 15, 2020 OMIDDD Board Meeting

This will allow full use output for the Heating Unit Nos. 1 and 2. Mich-Con is currently installing a gas main replacement on State Fair Avenue as part of their regional upgrades, and a simultaneous new service to the NESPS is being considered. A site meeting was held in late November with DTE-Mich Con representatives and final scheduling for this improvement remains pending.



Installation of the odor control fans on vibration control bases and additional installation of biotrickling filter electrical conduit.

January 15, 2020 OMIDDD Board Meeting

Summary of OMID Construction Contract Status:

Seg. No	Contract No. (Description)	Const. Comp?	As-Built Final?	Balancing Change Order?	Contractor Closed Out?	Easements Settled?
1	Contract 1 (CS-9, 5, 3)	Y	Y	Y	Y	Y
1	Contract 2 (CS-6, 7, 8)	Y	Y	Y	Y	Y
2	Contract 3 (Gatehouse)	Y	Y	Y*	N*	N/A
2	Contract 3 (Grouting PCI-5 thru 8)	Y	Y	Y	N*	Y
3	Contract 4 (Lining PCI-5 thru 8)	Y	Y	Y	Y	Y
4	Contract 5 (Lining PCI-9, 10A/B)	Y	Y	Y	Y	N
4	Contract 6 (Lining PCI-11A)	Y	Y	Y	Y	Y
N/A	Contract 7 (Lining 110' of NIEA)	Y	Y	Y	Y	N/A
N/A	Odor/Corrosion Control System	N	N	N	N	N/A

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

Transfer of NESPS & NIEA Maintenance & Repairs Status:

Amt Invoiced: \$216,823 thru 12/31/2019 out of current \$353,000 ASI engineering budget;

Schedule Status: Transfer Complete; follow-on tasks ongoing

- GLWA/OMIDDD technical issues are mostly resolved and/or plan is in place.
- Sanitary Pumps #2, #4, #5 and #6 ready for duty. (500 CFS Capacity)
- Wet well sediment inspections were conducted on January 3, 2020. According to AEW's assessment, sediment levels in the Corridor chamber increased by 0.3 feet to 7.3 feet and in the Lakeshore chamber decreased by 1.4 feet to 7 feet. Bar-screens were not adversely impacted.
- Coordination between GLWA, MID, NESPS Odor/Corrosion Control Project has not affected Station operations nor hindered performance or abilities to meet demands.
- OMID/Metco worked with GLWA Systems Control Staff with regards to establishing a manual trip point and logic change on GLWA controlled Pumps 1, 2, 5 and 6. This provides cavitation protection during manual operations. GLWA agreed and implemented set-point change within Ovation.
- Sanitary Pump #1 is out of service.
 - Restoration continues.
 - Excitation retrofit equipment installed and wired.
 - Preventative maintenance completed. Full report to follow
 - Engineer and technician scheduled the week of 1-20-2020 for final setup of excitation equipment. Electricians committed to the week of 20th.
 - Trial run earliest date 1-21-2020; to be completed by early February 2020.

January 15, 2020 OMIDDD Board Meeting

- Sanitary Pump 2, 4, 5 and 6 Medium Voltage Motor Maintenance and Inspection
 - Initial preventative maintenance services completed.
 - Dirt and grease build-up prevailed throughout. (cleaned)
 - Summary of findings and recommendations for corrections/repairs in report. (on file)
 - Contractor concluded minor correctives measures are in need.
- Wet-well Level Sensor (Radar) installation scheduled has been moved for further investigation on mounting and recommendations of a second radar device to cover wet well detection needs.

OMID Control Structure Upgrades Status:

Amt Invoiced: \$20,149 out of currently projected ASI engineering budget of \$20,610; Total design and construction budget currently established as \$500,000 (including contingencies and admin/legal).

Schedule Status: Engineering/Design efforts complete; CSM approved by OMIDDD Board on 11/20/19. Kickoff Meeting held 1/8/2020

- MCE has drafted Programmable Logic Controller (PLC) changes for gate operation; ASI testing to be completed once access and position indicators are repaired (4/1/20).
- MCE provided report for Communication Upgrades at CS-5, 6, and 8; to be incorporated into the upgrades work.
- Level sensor upgrades (design/installation) are to be completed once access is completed.
- FKE has completed design set for Control Structure modifications at CS-5, CS-6, and CS-7.
- Due to long lead times on several items, construction will not begin until late February/early March.
- With respect to CS-5, HESCO has indicated that Gate #1 indicator probe and closed limit switch replacements remain contingent on top slab hatch modifications. Work scheduled for spring 2020. Gate #2 hydraulic hose ruptured during storage operations Jan 3rd. HESCO found a 36 ft. section of hydraulic hose connected to the rod end of the cylinder ruptured. Full report on file
- With respect to CS-6, HESCO installed Siemens LR radar unit on the upstream side of the storage gate. Siemens radar unit replaced the original ultrasonic unit and was utilized as a (30 day) demo at no charge. The trial has been successful, and the unit provides solid stable feedback. The unit was recommended for permanent installation and quote submitted was to OMID. The provided quote has been approved. CS-6 is functional but in various stages of deterioration per HESCO condition assessment. Most components are at end of life status. Critical spare parts and long lead items are a subject of attention. HESCO has developed an inventory list.
- With respect to CS-7, Hesco report that the required repairs have been performed and the control structure is fully operational.
- Hesco reports that CS-8 is functional but in various stages of deterioration per HESCO condition assessment. Most components are at end of life status. Critical spare parts and long lead items are a subject of attention. HESCO has developed an inventory list.

January 15, 2020 OMIDDD Board Meeting

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

Work Item/ Milestone	Estimated Budget Expenditure (Engineering)	Estimated Budget Expenditure (Contractors)	Estimated Delivery Date
1 Draft PLC Mods by Metco, MCE, ASI			5/8/2019
2 Field Investigations (roof measurements, etc.)		TBD	5/30/2019
3 CS level sensors design (Metco)		TBD	7/29/2019
4 Comm. System Improvements (Metco)		TBD	8/31/2019
3 Test and implement			4/1/2020
4 50% Design Package			6/20/2019
5 95%, 100% Design Package			9/9/2019
6 Receive Bid(s) for cover mods			11/10/2019
7 Contract Award and NTP for cover mods			12/10/2019
8 Subtotal – Design	\$9,000 (ASI)		
9 PCI-5 Gate Repairs and final install of level sensors	TBD	TBD	3/31/2020
10 Substantial Completion of Construction			5/1/2020
11 Final Testing and Approval of PLC Mods	TBD	TBD	5/1/2020
12 Final Completion of Construction	\$11,000 (ASI)	\$300,000 (est.)	5/15/2020

OMID System Immediate Repairs Status:

Amt Invoiced: \$40,473 out of original total design budget of \$21,418; Total design and construction budget currently is established as \$1,352,801 (including contingencies and admin/legal).

Schedule Status: Second round of bids were received on 11/6/19; awarded 11/20/19.

- Doestch Environmental was award the contract to perform the work at the November Board Meeting.
- Construction is scheduled to begin shortly following contract execution, Mid-January, 2020.
- The current **draft** line item schedule and budget for the OMID System Immediate Repair Project are summarized below:

Work Item/ Milestone	Estimated Budget Expenditure (Engineering)	Estimated Budget Expenditure (Contractor)	Estimated Delivery Date
1 Field Investigations (Conducted under Warranty Repairs budget)	Part of AMP Project		10/01/2018
2 50% Design Package			4/16/2019
3 95%, 100% Design Package			5/20/2019
4 Issued for Bid/Pricing			7/17/2019
5 Bid Opening (Original)			8/07/2019

January 15, 2020 OMIDDD Board Meeting

6	Revised 100% Design Package			9/20/19
7	Issued for Bid/Pricing			10/8/19
8	Bid Opening (Revised)			11/6/19
6	Contract Award and NTP			1/1/20
	Subtotal - Design	\$21,418		
7	Final Completion of Construction	\$66,122	\$1,352,801	6/5/20

NIEA Repairs (Study and Design/Construction)

Amt Invoiced: \$645,881 out of currently projected study/design budget of \$2,331,800; Total design and construction budget currently is \$44,100,000 (including contingencies and admin/legal).

Schedule Status: Field investigations/Engineering/Design efforts are underway; Study 100 percent complete; design approximately 50 percent complete.

- Liner data collection and presentation tasks have been completed. Lining study report was issued in October 2019. A workshop has been held with OMID representatives to discuss the pros and cons of various liner products. A few linings are short-listed for further consideration in the RFTS as well as basis of design for repair of the corroded sections of the NI-EA.
- Interceptor condition assessment Inspections completed. Conditions slightly deteriorated since last inspections in 2014. Final report will be issued in January 2020.
- Issued a request for technical submission (RFTS) from lining rehabilitation system manufacturers to obtain sufficient information to evaluate the suitability of lining rehabilitation technologies, with the intent to include specific approved lining rehabilitation products in the contract documents. Compiled the data collected from various manufacturers and issued a report for internal review.
- A workshop was conducted with the Client representatives to discuss BOD outline and approach. A draft BOD and coordination for design of repairs for the NI-EA have been issued for client review.
- The aerial survey of the interceptor alignment is complete. The survey crews have recorded the manhole elevations as well as control points necessary to compliment the aerial survey. Additional surveys were performed at proposed shaft locations.
- 50% design submittal - Contract documents (Drawings and Specifications) for 50% design submittal was issued on August 30, 2019, which is currently under review.
- Environmental Investigation final report issued in October 2019.
- Following the condition assessment of the NI-EA interceptor, a Multi-Channel Analysis of Surface Waves (MASW) investigation of the areas at the locations of runner infiltration was performed. Field work is completed, and a draft report is issued for internal review.

January 15, 2020 OMIDDD Board Meeting

- Geotechnical exploration boring locations have been identified based on MASW data. GLWA/MDOT access permit coordination is complete and field investigation ongoing.
- Conducted a workshop to discuss potential shaft locations. Coordination with City of Detroit to obtain permits to perform soil borings at shaft locations on Outer Dr. and 7 Mile Rd. is ongoing.
- A preliminary hydraulic model has been run to evaluate flow control in PCI-4 and PCI-19 during rehabilitation efforts. A draft memorandum was issued internally for review.

Exploratory soil borings being performed on Van Dyke Ave.



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

Work Item/ Milestone		Estimated Budget Expenditure (Engineering)	Estimated Budget Expenditure (Contractor)	Estimated Delivery Date
1	Lining Study Evaluations & Draft Report			6/15/2019
2	Lining Study Final Report			10/30/2019
	Subtotal - Study	\$126,744		
3	Field Investigations (MASW, SUE, Survey, Geotech, Env. Inv)			10/30/19
4	Basis of Design Draft			9/30/2019
5	50% Design Package			8/30/2019
6	95%, 100% Design Package			3/1/2020
7	MDEQ Submittal (Part 41)			3/1/2020
8	Issued for Bid			3/31/2020
9	Bid Opening			5/7/2020
10	Contract Award and NTP			5/15/2020
	Subtotal - Design	\$2,205,063		
11	Final Completion of Construction	\$3,200,000	\$32,000,000	12/1/2022

January 15, 2020 OMIDDD Board Meeting

NESPS Electrical and Mechanical Rehab

Budget Status:	\$506,331 out of current design budget of \$1,319,275; Total design and construction budget currently established as \$39,300,000 (including contingencies and admin/legal).
Schedule Status:	Engineering/Design efforts underway; approximately 60% complete.

The design team is working on the design package a submitted a 60% design package for review. Next milestone in schedule is to review the 60% package with the CMAR. With this effort, the following work is active:

- Walsh Construction was selected and signed as the CMAR for this project. Initial kick-off meeting was held to review the project with Walsh team members.
- Pump and Motor size confirmation and review of approved manufacturer pump selections. Additional data is requested from pump vendors on motor type and sizing.
- An alternative pump layout and design that includes a submersible dry pit pumping unit was researched and was reviewed for consideration. Group consensus was that the present layout is more constructible, lower maintenance and has proven results.
- Electrical gear design and sizing for new electrical building is ongoing.
- Architectural detailing of building is ongoing.
- HVAC and plumbing design are ongoing.
- Site layout and improvements design, including updated security requirements, ongoing.
- A site survey was conducted and added to the site plans.
- A review of alternative energy saving methods remains ongoing.
- Specifications for 60% design are in progress.
- The Design team and Walsh are working together to develop a sequence of construction, schedule, and design package arrangement. The schedule will be driven from this sequence being developed.

Emergency Contingency Plan is being developed for pumping operations in the event of total power loss at NESPS or other catastrophic failure in the system:

- An Interim plan has been established and potential upstream emergency pumping locations identified. Drawings issued for final review.
- Working on plan to energize (by temporary power) OMID Pump 4 in event of total power loss. Motor City is finalizing a quote to perform the work.
- Working to incorporate use of media and community communication in the event of emergency.

January 15, 2020 OMIDDD Board Meeting

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

Work Item/ Milestone	Estimated Budget	Estimated Budget	Estimated Delivery Date
1 Draft Basis of Design			5/3/2019
2 Final Basis of Design			5/31/2019
3 30% Design			8/27/2019
CMAR RFP			10/16/2019
4 60% Design			12/19/2019
CMAR Recommendation			11/20/2019
5a 90% Equipment Procurement			3/15/2020
Suction Gate Rehab			TBD
Site Plan/Foundation			TBD
Pumping Units			TBD
Major Electrical			TBD
7 MDEQ Submittal (Part 41 Permit)			4/8/2020
8 Issued for Bid – Final			4/15/2020
9 Notice to Proceed			6/1/2020
Subtotal - Design	\$1,519,275 (including		
10 Substantial Completion	\$2,500,000 (est.)	\$25,000,000 (est.)	3/1/2022
11 Final Completion	\$500,000 (est.)	\$5,000,000 (est.)	12/1/2022

Agenda Item No. 10

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

YTD Trial Balance
Fund: 84912 Oakland Macomb InterceptorSeg1
As of Fiscal Period: Month 4, 2020

Run By: WRC_REPORTING
Run: 01/09/2020 at 09:21 AM
Scope: 84912 Oakland Macomb InterceptorSeg1

ACCOUNT		YTD Balance Total Fund	OMID Odor- Corrosion Study Seg1 100000002892	YTD Balance All Grants
100100	Cash - Operating	115,221.53	115,221.53	115,221.53
104100	Accrued Interest on Investment	615.90	615.90	615.90
	Revenues	(1,033.43)	(1,033.43)	(1,033.43)
	Expenditures	(8,768.32)	(8,768.32)	(8,768.32)
	Special Items- Uses	0.00	0.00	0.00
382100	FB Committed for Capital Proj	(106,035.68)	(106,035.68)	(106,035.68)
		(0.00)	(0.00)	(0.00)

SRF final draw received September 2013

Cash as of 01/08/2020	\$	115,221.53
Invoices / Reimbursements on Current Agenda Impacting Cash Balance		0.00
Total Net Cash Balance	\$	<u>115,221.53</u>

Water Resources Commissioner

PROJECT WORK IN PROGRESS

Oakland Macomb Interceptor Seg1

100000001272

(as of January 8, 2020)

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

702000 - Salaries	0.00	134,074.05	
719999 - Salaries NPF	0.00	19,433.83	
730373 - Contracted Services	0.00	19.50	
730653 - Equipment Rental	0.00	2,899.55	
730772 - Freight and Express	0.00	828.08	
730926 - Indirect Costs	0.00	76,196.89	
731388 - Printing	0.00	499.16	
731521 - Public Services	0.00	154,372.03	
732018 - Travel and Conference	0.00	6.00	
750294 - Material and Supplies	0.00	378.28	
771638 - Drain Equip Labor	0.00	50,968.61	
771639 - Drain Equipment	0.00	16,510.28	

Administration TOTALS

186,317.00	0.00	456,186.26	(\$269,869.26)
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CONT - Contingency

Contingency TOTALS

2,882,540.00	0.00	0.00	\$2,882,540.00
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ENG - Engineering

702000 - Salaries	0.00	262,858.77	
719999 - Salaries NPF	0.00	47,216.56	
722000 - Fringe Benefits	0.00	-16.72	
730639 - Engineering Services-Other	0.00	6.47	
730653 - Equipment Rental	0.00	8,055.17	
730772 - Freight and Express	0.00	14.98	
731346 - Personal Mileage	0.00	449.86	
731521 - Public Services	0.00	154,869.54	
771638 - Drain Equip Labor	0.00	193,329.34	
771639 - Drain Equipment	0.00	19,021.75	

Engineering TOTALS

488,319.00	0.00	685,805.72	(\$197,486.72)
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ENGCON - Engineering Consultant

730639 - Engineering Services-Other	0.00	10,305,406.47	
731073 - Legal Services	0.00	2,646.00	

Engineering Consultant TOTALS

11,486,517.00	0.00	10,308,052.47	\$1,178,464.53
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FAC - Facility Acquisition

730373 - Contracted Services	0.00	992.00	
731472 - Project Construction and Impr	0.00	30,592,233.94	
731521 - Public Services	0.00	376.85	
750294 - Material and Supplies	0.00	98.03	

Facility Acquisition TOTALS

28,825,480.00	0.00	30,593,700.82	(\$1,768,220.82)
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FRINGE_BENEFITS - Fringe Benefits

Water Resources Commissioner

PROJECT WORK IN PROGRESS

Oakland Macomb InterceptorSeg1

100000001272

(as of January 8, 2020)

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
702000 - Salaries	0.00	57,335.88	
722000 - Fringe Benefits	0.00	198,945.45	
Fringe Benefits TOTALS			
0.00	0.00	256,281.33	(\$256,281.33)

INS - Inspection

702000 - Salaries	0.00	85,512.64	
719999 - Salaries NPF	0.00	24,196.87	
731521 - Public Services	0.00	83,298.50	
771638 - Drain Equip Labor	0.00	5,761.25	
771639 - Drain Equipment	0.00	39,225.18	
Inspection TOTALS			
415,074.00	0.00	237,994.44	\$177,079.56

LEGAL - Legal and Financial

730373 - Contracted Services	0.00	23,205.70	
730940 - Insurance	0.00	1,922,703.89	
731073 - Legal Services	0.00	4,853,705.94	
731507 - Public Notices	0.00	1,253.40	
793938 - Discount on Bonds	0.00	50,250.00	
Legal and Financial TOTALS			
4,438,086.00	0.00	6,851,118.93	(\$2,413,032.93)

ROW - Right of Way

702000 - Salaries	0.00	12,494.04	
719999 - Salaries NPF	0.00	13.80	
730373 - Contracted Services	0.00	22,817.50	
730394 - Copy Charges	0.00	891.50	
730653 - Equipment Rental	0.00	945.34	
731038 - Land and Easement	0.00	156,804.00	
771639 - Drain Equipment	0.00	3.68	
Right of Way TOTALS			
37,667.00	0.00	193,969.86	(\$156,302.86)

Project 100000001272 - Oakland Macomb InterceptorSeg1			
Total Project Expenses			
Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
\$48,760,000.00	\$0.00	\$49,583,109.83	(\$823,109.83)
Total Project Revenue			
Account	Month-to-Date Revenue	Life-to-Date Revenue	
605572-Special Assessments	\$0.00	\$31,484.20	
610314-Federal Capital Grants	\$0.00	\$15,984,000.00	
631827-Reimb General	\$0.00	\$815,078.48	
655385-Income from Investments	\$0.00	\$93,544.03	
697551-Issuance of Bonds	\$0.00	\$6,583,003.12	
697753-State Revolving Fund Loans	\$0.00	\$26,076,000.00	
TOTAL REVENUE	\$0.00	\$49,583,109.83	
REVENUE OVER/(UNDER) EXPENSES		\$0.00	

Water Resources Commissioner
PROJECT WORK IN PROGRESS
OMID Odor-Corrosion Study Seg1
100000002892
 (as of January 8, 2020)

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
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STD - Standard Operation

730639 - Engineering Services-Other	0.00	275,013.66	
Standard Operation TOTALS			
383,789.00	0.00	275,013.66	\$108,775.34

Project 100000002892 - OMID Odor-Corrosion Study Seg1			
Total Project Expenses			
Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
\$383,789.00	\$0.00	\$275,013.66	\$108,775.34
Total Project Revenue			
Account	Month-to-Date Revenue	Life-to-Date Revenue	
655077-Accrued Interest Adjustments	\$97.03	\$615.90	
655385-Income from Investments	\$162.49	\$6,446.19	
695500-Transfers In	\$0.00	\$266,792.12	
697551-Issuance of Bonds	\$0.00	\$116,996.88	
TOTAL REVENUE	\$259.52	\$390,851.09	
REVENUE OVER/(UNDER) EXPENSES		\$115,837.43	

YTD Trial Balance

Fund: 84914 Oakland Macomb InterceptorSeg3

As of Fiscal Period: Month 4, 2020

Run By: WRC_REPORTING

Run: 01/09/2020 at 09:21 AM

Scope: 84914 Oakland Macomb InterceptorSeg3

ACCOUNT		YTD Balance Total Fund	Oakland Macomb InterceptorSeg3 100000001557	YTD Balance All Grants
100100	Cash - Operating	24,785.31	24,785.31	24,785.31
104100	Accrued Interest on Investment	(353.25)	(353.25)	(353.25)
143100	Prepaid Expenses	891.00	891.00	891.00
211100	Due to Primary Government	(25.79)	(25.79)	(25.79)
	Revenues	(199.57)	(199.57)	(199.57)
	Expenditures	1,050.96	1,050.96	1,050.96
	Special Items- Uses	0.00	0.00	0.00
382100	FB Committed for Capital Proj	(26,148.66)	(26,148.66)	(26,148.66)
		0.00	0.00	0.00

Cash as of 01/08/2020 \$ 24,785.31

Invoices / Reimbursements on Current Cash Balance 0.00

Total Net Cash Balance \$ 24,785.31

Water Resources Commissioner

PROJECT WORK IN PROGRESS

Oakland Macomb InterceptorSeg3

100000001557

(as of January 8, 2020)

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

730772 - Freight and Express	0.00	237.38	
730926 - Indirect Costs	0.00	87,973.15	
730940 - Insurance	0.00	374,816.24	
731521 - Public Services	0.00	72,238.27	
732018 - Travel and Conference	0.00	160.44	
771638 - Drain Equip Labor	0.00	216,953.03	
771639 - Drain Equipment	0.00	19,268.57	

Administration TOTALS

460,138.00	0.00	771,647.08	(\$311,509.08)
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CONT - Contingency

Contingency TOTALS

4,581,277.00	0.00	0.00	\$4,581,277.00
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ENG - Engineering

702000 - Salaries	0.00	37.74	
722000 - Fringe Benefits	0.00	-25.90	
730772 - Freight and Express	0.00	85.13	
731346 - Personal Mileage	0.00	528.54	
731521 - Public Services	0.00	41,759.18	
732018 - Travel and Conference	0.00	5,546.06	
750140 - Employee Footwear	0.00	75.00	
771638 - Drain Equip Labor	0.00	617,074.94	
771639 - Drain Equipment	0.00	62,227.49	

Engineering TOTALS

1,063,145.00	0.00	727,308.18	\$335,836.82
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ENGCON - Engineering Consultant

730639 - Engineering Services-Other	0.00	12,856,549.06	
730940 - Insurance	0.00	2,435.63	
731458 - Professional Services	0.00	62,241.27	

Engineering Consultant TOTALS

12,471,892.00	0.00	12,921,225.96	(\$449,333.96)
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FAC - Facility Acquisition

731472 - Project Construction and Impr	0.00	50,234,735.34	
731521 - Public Services	0.00	2,240.68	

Facility Acquisition TOTALS

45,738,545.00	0.00	50,236,976.02	(\$4,498,431.02)
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FRINGE_BENEFITS - Fringe Benefits

722000 - Fringe Benefits	0.00	25.90	
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Fringe Benefits TOTALS

0.00	0.00	25.90	(\$25.90)
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INS - Inspection

731521 - Public Services	0.00	37,329.11	
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Inspection TOTALS

330,221.00	0.00	37,329.11	\$292,891.89
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LEGAL - Legal and Financial

Water Resources Commissioner
PROJECT WORK IN PROGRESS
Oakland Macomb InterceptorSeg3
100000001557
(as of January 8, 2020)

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
730639 - Engineering Services-Other	0.00	209,748.13	
730772 - Freight and Express	0.00	127.71	
730940 - Insurance	0.00	2,894,717.09	
731073 - Legal Services	0.00	449,564.79	
731451 - Prof Svc-Financial Consultant	0.00	62,305.00	
Legal and Financial TOTALS			
3,737,066.00	0.00	3,616,462.72	\$120,603.28

ROW - Right of Way

731038 - Land and Easement	0.00	226,383.45	
731661 - RW Negotiation and Expense	0.00	1,750.00	
Right of Way TOTALS			
11,440.00	0.00	228,133.45	(\$216,693.45)

Project 100000001557 - Oakland Macomb InterceptorSeg3			
Total Project Expenses			
Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
\$68,393,724.00	\$0.00	\$68,539,108.42	(\$145,384.42)
Total Project Revenue			
Account	Month-to-Date Revenue	Life-to-Date Revenue	
605572-Special Assessments	\$0.00	\$3,253,724.00	
631827-Reimb General	\$0.00	\$43,882.94	
655077-Accrued Interest Adjustments	\$20.80	(\$353.25)	
655385-Income from Investments	\$34.83	\$127,152.00	
697753-State Revolving Fund Loans	\$0.00	\$65,140,000.00	
TOTAL REVENUE	\$55.63	\$68,564,405.69	
REVENUE OVER/(UNDER) EXPENSES		\$25,297.27	

YTD Trial Balance
Fund: 84915 Oakland Macomb InterceptorSeg4
As of Fiscal Period: Month 4, 2020

Run By: WRC_REPORTING
Run: 01/09/2020 at 09:22 AM
Scope: 84915 Oakland Macomb InterceptorSeg4

ACCOUNT		YTD Balance Total Fund	Oakland Macomb InterceptorSeg4 100000001913	NESPS Pump Install Seg4 100000002041	OMI NESPS GATEHOUSE SEG4 100000002232	NESPS Odor Corrosion Stdy Seg4 100000002708	YTD Balance All Grants
100100	Cash - Operating	4,488,169.96	4,115,109.19	7,978.67	49,190.32	315,891.78	4,488,169.96
104100	Accrued Interest on Investment	45,086.90	45,086.90	0.00	0.00	0.00	45,086.90
201210	Vouchers Payable AP Cont	(5,610.91)	0.00	0.00	(5,610.91)	0.00	(5,610.91)
211100	Due to Primary Government	(18,184.39)	(12,400.01)	0.00	0.00	(5,784.38)	(18,184.39)
	Revenues	(44,125.91)	905,874.09	0.00	0.00	(950,000.00)	(44,125.91)
697551	Issuance of Bonds	0.00	1,050,000.00	0.00	0.00	(1,050,000.00)	0.00
	Expenditures	959,029.24	20,677.15	0.00	37,433.43	900,918.66	959,029.24
	Special Items- Uses	0.00	0.00	0.00	0.00	0.00	0.00
382100	FB Committed for Capital Proj	(5,424,364.89)	(6,124,347.32)	(7,978.67)	(81,012.84)	788,973.94	(5,424,364.89)
		0.00	(0.00)	0.00	0.00	0.00	0.00

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

Cash as of 01/08/2020	\$	4,488,169.96
Invoices/Reimbursements for Seg 4 on Current Agenda impacting Cash Balance		0.00
Invoices/Reimbursements for NESPS Gatehouse on Current Agenda impacting Cash Balance		0.00
Invoices/Reimbursements for NESPS NIEA-East Arm on Current Agenda impacting Cash Balance		(1,966.13)
Invoices/Reimbursements for NESPS Odor Corrosion Study on Current Agenda impacting Cash Balance		(53,019.75)
Total Net Cash Balance	\$	<u>4,433,184.08</u>

Water Resources Commissioner

PROJECT WORK IN PROGRESS

Oakland Macomb InterceptorSeg4

100000001913

(as of January 9, 2020)

	Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
ADM - Administration				
730926 - Indirect Costs		0.00	59,001.44	
730940 - Insurance		0.00	67,871.13	
731115 - Licenses and Permits		0.00	320,000.00	
731521 - Public Services		0.00	14,235.58	
732165 - Workshops and Meeting		0.00	29.66	
771638 - Drain Equip Labor		0.00	4,607.71	
771639 - Drain Equipment		0.00	269.47	
Administration TOTALS				
	390,165.00	0.00	466,014.99	(\$75,849.99)
ENG - Engineering				
731346 - Personal Mileage		0.00	7,350.14	
731521 - Public Services		0.00	40,605.00	
771638 - Drain Equip Labor		1,142.00	713,343.27	
771639 - Drain Equipment		133.60	88,437.09	
Engineering TOTALS				
	484,153.00	1,275.60	849,735.50	(\$365,582.50)
ENGCON - Engineering Consultant				
730639 - Engineering Services-Other		0.00	3,594,242.60	
731073 - Legal Services		0.00	108.00	
Engineering Consultant TOTALS				
	3,275,248.00	0.00	3,594,350.60	(\$319,102.60)
FAC - Facility Acquisition				
731472 - Project Construction and Impr		0.00	14,058,313.68	
731521 - Public Services		0.00	6,798.84	
750294 - Material and Supplies		0.00	228.00	
Facility Acquisition TOTALS				
	15,225,614.00	0.00	14,065,340.52	\$1,160,273.48
INS - Inspection				
730373 - Contracted Services		0.00	473.03	
731521 - Public Services		0.00	16,935.91	
Inspection TOTALS				
	17,408.00	0.00	17,408.94	(\$0.94)
LEGAL - Legal and Financial				
730639 - Engineering Services-Other		0.00	8,398.96	
730940 - Insurance		0.00	54,526.58	
731073 - Legal Services		0.00	124,753.11	
793938 - Discount on Bonds		0.00	6,964.10	
Legal and Financial TOTALS				
	191,321.00	0.00	194,642.75	(\$3,321.75)
ROW - Right of Way				
731563 - Recording Fees		0.00	50.67	
Right of Way TOTALS				
	0.00	0.00	50.67	(\$50.67)

Water Resources Commissioner
PROJECT WORK IN PROGRESS
Oakland Macomb InterceptorSeg4
100000001913
 (as of January 9, 2020)

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
Project 100000001913 - Oakland Macomb InterceptorSeg4			
Total Project Expenses			
Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
\$19,583,909.00	\$1,275.60	\$19,187,543.97	\$396,365.03
Total Project Revenue			
Account	Month-to-Date Revenue	Life-to-Date Revenue	
605572-Special Assessments	\$0.00	\$10,250,729.40	
615572-State Capital Grants	\$0.00	\$1,105,350.77	
655077-Accrued Interest Adjustments	\$4,076.07	\$45,086.90	
655385-Income from Investments	\$6,826.00	\$615,926.38	
697551-Issuance of Bonds	\$0.00	\$2,828,246.60	
697753-State Revolving Fund Loans	\$0.00	\$8,490,000.00	
TOTAL REVENUE	\$10,902.07	\$23,335,340.05	
REVENUE OVER/(UNDER) EXPENSES		\$4,147,796.08	

Water Resources Commissioner

PROJECT WORK IN PROGRESS

NESPS Pump Install Seg4

100000002041

(as of January 7, 2020)

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

730926 - Indirect Costs	0.00	535.47	
Administration TOTALS			
5,000.00	0.00	535.47	\$4,464.53

ENG - Engineering

771638 - Drain Equip Labor	0.00	9,128.98	
771639 - Drain Equipment	0.00	387.33	
Engineering TOTALS			
15,000.00	0.00	9,516.31	\$5,483.69

ENGCON - Engineering Consultant

730639 - Engineering Services-Other	0.00	181,969.55	
Engineering Consultant TOTALS			
200,000.00	0.00	181,969.55	\$18,030.45

FAC - Facility Acquisition

Facility Acquisition TOTALS			
3,268,155.00	0.00	0.00	\$3,268,155.00

Project 100000002041 - NESPS Pump Install Seg4			
Total Project Expenses			
Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
\$3,488,155.00	\$0.00	\$192,021.33	\$3,296,133.67
Total Project Revenue			
Account	Month-to-Date Revenue	Life-to-Date Revenue	
605572-Special Assessments	\$0.00	\$200,000.00	
TOTAL REVENUE	\$0.00	\$200,000.00	
REVENUE OVER/(UNDER) EXPENSES		\$7,978.67	

Water Resources Commissioner
PROJECT WORK IN PROGRESS
OMI NESPS GATEHOUSE SEG4
100000002232
(as of January 9, 2020)

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

730926 - Indirect Costs	0.00	852.60	
771638 - Drain Equip Labor	0.00	53.43	

Administration TOTALS

9,472.00	0.00	906.03	\$8,565.97
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CONT - Contingency
Contingency TOTALS

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

771638 - Drain Equip Labor	0.00	7,984.27	
771639 - Drain Equipment	0.00	393.60	

Engineering TOTALS

59,699.00	0.00	8,377.87	\$51,321.13
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ENGCON - Engineering Consultant

730639 - Engineering Services-Other	0.00	1,238,321.19	
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Engineering Consultant TOTALS

496,981.00	0.00	1,238,321.19	(\$741,340.19)
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FAC - Facility Acquisition

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

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

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

Inspection TOTALS

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

731073 - Legal Services	0.00	1,213.00	
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Legal and Financial TOTALS

6,000.00	0.00	1,213.00	\$4,787.00
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Project 100000002232 - OMI NESPS GATEHOUSE SEG4			
Total Project Expenses			
Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
\$4,418,998.00	\$0.00	\$4,706,420.59	(\$287,422.59)
Total Project Revenue			
Account	Month-to-Date Revenue	Life-to-Date Revenue	
605572-Special Assessments	\$0.00	\$2,434,988.28	
697551-Issuance of Bonds	\$0.00	\$2,315,011.72	
TOTAL REVENUE	\$0.00	\$4,750,000.00	
REVENUE OVER/(UNDER) EXPENSES		\$43,579.41	

Water Resources Commissioner

PROJECT WORK IN PROGRESS

NESPS Odor Corrosion Stdy Seg4

100000002708

(as of January 9, 2020)

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

730926 - Indirect Costs	0.00	5,784.38	
Administration TOTALS			
188,148.00	0.00	5,784.38	\$182,363.62

CONT - Contingency

Contingency TOTALS			
637,000.00	0.00	0.00	\$637,000.00

ENG - Engineering

771638 - Drain Equip Labor	2,286.03	73,147.70	
771639 - Drain Equipment	60.28	2,779.99	
Engineering TOTALS			
206,253.00	2,346.31	75,927.69	\$130,325.31

ENGCON - Engineering Consultant

730373 - Contracted Services	0.00	198,151.42	
730639 - Engineering Services-Other	0.00	59,195.44	
Engineering Consultant TOTALS			
1,073,000.00	0.00	257,346.86	\$815,653.14

FAC - Facility Acquisition

730352 - Construction	0.00	416,451.40	
731472 - Project Construction and Impr	20,694.93	846,699.81	
Facility Acquisition TOTALS			
4,600,000.00	20,694.93	1,263,151.21	\$3,336,848.79

INS - Inspection

771638 - Drain Equip Labor	3,896.10	64,706.18	
771639 - Drain Equipment	592.38	11,065.20	
Inspection TOTALS			
190,343.00	4,488.48	75,771.38	\$114,571.62

LEGAL - Legal and Financial

Legal and Financial TOTALS			
15,000.00	0.00	0.00	\$15,000.00

ROW - Right of Way

Right of Way TOTALS			
46,000.00	0.00	0.00	\$46,000.00

STD - Standard Operation

730352 - Construction	0.00	198,018.10	
730373 - Contracted Services	0.00	600,395.51	
730926 - Indirect Costs	0.00	1,864.90	
730940 - Insurance	0.00	88,400.00	
731073 - Legal Services	0.00	1,744.00	
731472 - Project Construction and Impr	0.00	51,390.00	
731906 - Testing Services	0.00	19,322.41	
771638 - Drain Equip Labor	0.00	1,419.02	
771639 - Drain Equipment	0.00	357.14	
Standard Operation TOTALS			
38,010.00	0.00	962,911.08	(\$924,901.08)

Water Resources Commissioner

PROJECT WORK IN PROGRESS

NESPS Odor Corrosion Stdy Seg4

100000002708

(as of January 9, 2020)

	Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
SUR - Survey Crew				
Survey Crew TOTALS				
	10,246.00	0.00	0.00	\$10,246.00

Project 100000002708 - NESPS Odor Corrosion Stdy Seg4			
Total Project Expenses			
Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
\$7,004,000.00	\$27,529.72	\$2,640,892.60	\$4,363,107.40
Total Project Revenue			
Account	Month-to-Date Revenue	Life-to-Date Revenue	
605572-Special Assessments	\$0.00	\$1,354,258.32	
697551-Issuance of Bonds	\$0.00	\$1,596,741.68	
TOTAL REVENUE	\$0.00	\$2,951,000.00	
REVENUE OVER/(UNDER) EXPENSES		\$310,107.40	

Water Resources Commissioner
PROJECT WORK IN PROGRESS
OMI Segment 4 EPA Project
100000002098
 (as of January 7, 2020)

Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
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FAC - Facility Acquisition

731472 - Project Construction and Impr	0.00	980,000.00	
Facility Acquisition TOTALS			
980,000.00	0.00	980,000.00	\$0.00

Project 100000002098 - OMI Segment 4 EPA Project			
Total Project Expenses			
Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
\$980,000.00	\$0.00	\$980,000.00	\$0.00
Total Project Revenue			
Account	Month-to-Date Revenue	Life-to-Date Revenue	
610314-Federal Capital Grants	\$0.00	\$485,000.00	
697551-Issuance of Bonds	\$0.00	\$495,000.00	
TOTAL REVENUE	\$0.00	\$980,000.00	
REVENUE OVER/(UNDER) EXPENSES		\$0.00	

**County of Oakland
OMIDD Maintenance Fund
Statement of Net Position
September 30, 2019**

ASSETS

Current assets:

Cash	\$	14,439,054.15
Accrued interest receivable		71,204.50
Accounts receivable		300,000.00
Due from municipalities		8,034,481.77
Total current assets		<u>22,844,740.42</u>

Total assets	\$	<u>22,844,740.42</u>
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LIABILITIES

Current liabilities:

Vouchers payable		7,928.60
Deposits		1,250.00
Due to Primary Government		-
Total current liabilities		<u>9,178.60</u>

Total liabilities	\$	<u>9,178.60</u>
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NET POSITION

FB Major Maint Reserve		2,938,960.92
FB Capital Improvement Reserve		3,984,519.92
FB Restricted Programs		15,912,080.98
Total net position	\$	<u>22,835,561.82</u>

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

Oakland County - Water Resources Commissioner's Office
Fund Equity: Schedule of Reserves and Dedicated Funds
As of Date: October 31, 2019

Fund	Description	Major Maintenance	Capital Improvement	Undesignated	Committed for Capital Projects	Total Equity
82912	OMIDD Maintenance Fund	2,938,960.92	3,984,519.92	15,912,080.98		22,835,561.82
84912	OMIDD Seg 1					
	- Project 1-2892 Odor Corrosion Study				115,837.43	115,837.43
84914	OMIDD Seg 3					
	- Project 1-1557 Interceptor Seg 3				25,297.27	25,297.27
84915	OMIDD Seg 4					
	- Project 1-1913 Interceptor Seg 4				4,147,796.08	4,147,796.08
	- Project 1-2041 NESPS Pump Install				7,978.67	7,978.67
	- Project 1-2098 EPA				-	-
	- Project 1-2232 NESPS Gatehouse				310,107.40	310,107.40
	- Project 1-2708 NESPS Odor Corrosion Study				43,579.41	43,579.41
Total Equity in Maintenance and Construction Funds						<u>27,486,158.08</u>

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

County of Oakland
Oakland Macomb Interceptor CH21 Fund
Statement of Revenues, Expenses, and Changes in Net Position
For the Three Months Ended December 31, 2019
25% Of The Year Complete

	Amended Budget	Actual	Favorable (Unfavorable)	YTD % of Budget
Operating revenues				
Sewage Disposal Services	\$ 81,107,830.00	\$ 20,276,957.52	\$ 60,830,872.48	25.00%
Refund Prior Years Expenditure	0.00	1,677,950.01	(1,677,950.01)	No Budget
Total operating revenue:	<u>81,107,830.00</u>	<u>21,954,907.53</u>	<u>59,152,922.47</u>	<u>27.07%</u>
Contractual services				
Contracted Services	5,404,570.00	8,495.16	5,396,074.84	0.16%
Electrical Service	807,780.00	135,953.58	671,826.42	16.83%
Engineering Services-Other	0.00	359,653.18	(359,653.18)	No Budget
Equipment Maintenance	0.00	53,675.01	(53,675.01)	No Budget
Equipment Repair	500,000.00	(5,788.34)	505,788.34	-1.16%
Garbage and Rubbish Disposal	12,000.00	0.00	12,000.00	0.00%
Grounds Maintenance	25,000.00	0.00	25,000.00	0.00%
Insurance	1,127,300.00	0.00	1,127,300.00	0.00%
Legal Services	350,000.00	(8,432.00)	358,432.00	-2.41%
Natural Gas	80,000.00	91.01	79,908.99	0.11%
Prof Svc-Consultant	0.00	7,439.38	(7,439.38)	No Budget
Professional Services	0.00	1,032.97	(1,032.97)	No Budget
Public Services	60,000.00	13,641.66	46,358.34	22.74%
Sewage Disposal Services	69,491,500.00	11,507,766.66	57,983,733.34	16.56%
Software Support Maintenance	10,500.00	0.00	10,500.00	0.00%
Special Projects	0.00	11,920,000.00	(11,920,000.00)	No Budget
Travel and Conference	20,000.00	0.00	20,000.00	0.00%
Water and Sewage Charges	125,210.00	0.00	125,210.00	0.00%
Total contractual services	<u>78,013,860.00</u>	<u>23,993,528.27</u>	<u>54,020,331.73</u>	<u>30.76%</u>
Commodities				
Material and Supplies	3,260.00	0.00	3,260.00	0.00%
Total commodities	<u>3,260.00</u>	<u>0.00</u>	<u>3,260.00</u>	<u>0.00%</u>
Internal services				
Drain Equip Materials	180.00	0.00	180.00	0.00%
Drain Equip Labor	87,330.00	52,285.92	35,044.08	59.87%
Drain Equipment	1,540.00	2,287.81	(747.81)	148.56%
Telephone Communications	10,500.00	0.00	10,500.00	0.00%
Total internal services	<u>99,550.00</u>	<u>54,573.73</u>	<u>44,976.27</u>	<u>54.82%</u>
Total operating expense	<u>78,116,670.00</u>	<u>24,048,102.00</u>	<u>54,068,568.00</u>	<u>30.78%</u>
Operating income (loss)	<u>2,991,160.00</u>	<u>(2,093,194.47)</u>	<u>5,084,354.47</u>	<u>-69.98%</u>
Nonoperating revenues (expenses)				
Special Assessments	0.00	6,761,333.92	6,761,333.92	No Budget
Issuance of Refunding Bonds	0.00	5,205,000.00	5,205,000.00	No Budget
Income from investments	201,210.00	53,519.41	(147,690.59)	26.60%
Total nonoperating revenues (expenses)	<u>201,210.00</u>	<u>12,019,853.33</u>	<u>11,818,643.33</u>	<u>5973.79%</u>
Change in net position	<u>\$ 3,192,370.00</u>	<u>9,926,658.86</u>	<u>\$ 16,902,997.80</u>	<u>310.95%</u>
Net Position - beginning		<u>12,908,902.96</u>		
Net Position - ending		<u>\$ 22,835,561.82</u>		

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

OAKLAND MACOMB INTERCEPTOR DRAINAGE BOARD - APPROVAL OF INVOICES/REIMBURSEMENTS

OMI DD Meeting Date 01/15/2020

		Amount													
		84912	84913	84913	84912	84914	84914	84915	84915	84915	84915	84915	84915	82912	
		1-1272	1-1488	1-2097	1-2892	1-1557	1-2112	1-1913	1-2232	1-2232	1-2098	1-2041	1-2708		
Payable To	Invoice #	Segment 1	Segment 2	Seq 2 NESPS Gate	Segment 1 - OMID Odor Corrosion Study	Segment 3	Seq 3 Insurance Repair	Segment 4	Seq 4 - NESPS Gate	Seq 4 - NIEA - East Arm	EPA	NESPS Pump Install	Seq 4 - NESPS Odor Corrosion Study	O & M	Total
Oakland County *	WRC/Labor/Fringes/Non-direct Labor							3,517.86					16,662.73		\$20,180.59
Oakland County *	WRC Equipment							368.08					1,886.81		\$2,254.89
Oakland County *	WRC Mileage/Parking							905.96							\$905.96
Macomb County	Invoice # ARP200018													11,520.84	\$11,520.84
Applied Science, Inc	Invoice # 11 (ASI Inv # 7504) Work Through 12/28/2019													130,884.95	\$130,884.95
CSM Mechanical	Invoice # 19-007 - Pump #5 Repairs													446.37	\$446.37
Dickinson Wright	Invoice # 1432261 - Professional Services ending 11/30/19													1,050.00	\$1,050.00
Hutchinson Shockey Erley & Co.	OMIDD Debt Refinance Bonds Placement Agent Fee													5,000.00	\$5,000.00
Kennedy Industries	Invoice # 615174 - Field Service Contract													16,670.00	\$16,670.00
Meadowbrook Insurance Agency	Invoice # 2026 - Insurance - NESPS Construction Safety Consult 3 of 4 Qtrly Pmnts												51,530.93		\$51,530.93
METCO	Invoice # 1811-12 Through 12/29/2019													33,183.04	\$33,183.04
Municipal Financial Consultants	Invoice # 1062 Financial Consulting new OMIDD Bond Issue													15,493.55	\$15,493.55
NTH Consultants	Inv # 03 - OMIDD NESPS Corrosion Control System												1,488.82		\$1,488.82
NTH Consultants	Inv # 05 - Additional OMIDD Rehab Closeout Svs													1,616.10	\$1,616.10
NTH Consultants	Inv # 07 - OMIDD NI-EA Rehab													63,941.91	\$63,941.91
NTH Consultants	Inv # 11 - OMIDD System Immediate Repairs													1,969.89	\$1,969.89
NTH Consultants	Inv # 16 - OMIDD NI-EA Lining Options Study									1,966.13					\$1,966.13
PM Technologies	Invoice # 0000132705 NESPS Generator 1 Heater Repair													319.55	\$319.55
Varnum Attorneys At Law	OMIDD Debt Refinance Bonds Bank Council Services													3,500.00	\$3,500.00
Total Invoices/Reimbursements for Approval		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,791.90	\$0.00	\$1,966.13	\$0.00	\$0.00	\$71,569.29	\$285,596.20	\$363,923.52
	* Less WRC Charges already paid from OMI Fund	0.00	0.00	0.00	0.00	0.00	0.00	(4,791.90)	0.00	0.00			(18,549.54)	0.00	(23,341.44)
	** Less amount being paid from Retainage Account														0.00
Total Invoices/Reimbursements that will impact Cash Balance listed on Current Trial Balance submitted to OMI Drain Board		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,966.13	\$0.00	\$0.00	\$53,019.75	\$285,596.20	\$340,582.08

Agenda Item No. 11

Invoices

OMI Segment 4 Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 12/07/2019 - 01/03/2020								
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Project	Activity
834323	12/19/2019	12/09/2019	POUSHO, ROBERT	8.00	228.40	REGULAR	100000001913	ENG
834323	12/19/2019	12/10/2019	POUSHO, ROBERT	8.00	228.40	REGULAR	100000001913	ENG
834323	12/19/2019	12/11/2019	POUSHO, ROBERT	8.00	228.40	REGULAR	100000001913	ENG
834323	12/19/2019	12/16/2019	POUSHO, ROBERT	8.00	228.40	REGULAR	100000001913	ENG
834323	12/19/2019	12/18/2019	POUSHO, ROBERT	8.00	228.40	REGULAR	100000001913	ENG
834323	12/19/2019	12/19/2019	POUSHO, ROBERT	8.00	228.40	REGULAR	100000001913	ENG
834323	12/19/2019	12/20/2019	POUSHO, ROBERT	8.00	228.40	REGULAR	100000001913	ENG
834323	12/19/2019	12/12/2019	POUSHO, ROBERT	8.00	228.40	REGULAR	100000001913	ENG
834323	01/02/2020	12/23/2019	POUSHO, ROBERT	8.00	228.40	REGULAR	100000001913	ENG
834323	01/02/2020	12/27/2019	POUSHO, ROBERT	8.00	228.40	REGULAR	100000001913	ENG
834323	01/02/2020	12/30/2019	POUSHO, ROBERT	8.00	228.40	REGULAR	100000001913	ENG
834323	01/02/2020	01/03/2020	POUSHO, ROBERT	8.00	228.40	REGULAR	100000001913	ENG
834323	01/02/2020	01/02/2020	POUSHO, ROBERT	8.00	228.40	REGULAR	100000001913	ENG
834323	12/19/2019	12/17/2019	POUSHO, ROBERT	10.00	285.50	REGULAR	100000001913	ENG
834323	12/10/2019	09/27/2019	POUSHO, ROBERT	(8.00)	(228.40)	REGULAR-D	100000001913	ENG
			POUSHO, ROBERT Total		3,026.30			
834323	12/19/2019	12/14/2019	PARROTT, JEFFREY	2.00	4.68	ASSIGNED	100000001913	ENG
834323	12/19/2019	12/20/2019	PARROTT, JEFFREY	4.00	9.36	ASSIGNED	100000001913	ENG
834323	12/19/2019	12/20/2019	PARROTT, JEFFREY	4.00	304.72	REGULAR	100000001913	ENG
834323	12/19/2019	12/14/2019	PARROTT, JEFFREY	2.00	172.80	OVERTIME	100000001913	ENG
			PARROTT, JEFFREY Total		491.56			
			Grand Total		3,517.86			

OMI Segment 4 Project - WRC Equipment Charges for Trans Dates - 12/07/2019 - 01/03/2020								
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Assign Equipment	Project	Activity
834323	12/10/2019	09/27/2019	POUSHO, ROBERT	(8.00)	(18.72)	PC/Computer	100000001913	ENG
834323	12/10/2019	09/27/2019	POUSHO, ROBERT	(8.00)	(4.80)	Mobile Data Card	100000001913	ENG
834323	12/10/2019	09/27/2019	POUSHO, ROBERT	(8.00)	(3.20)	Cell Phone	100000001913	ENG
834323	12/19/2019	12/09/2019	POUSHO, ROBERT	8.00	3.20	Cell Phone	100000001913	ENG
834323	12/19/2019	12/10/2019	POUSHO, ROBERT	8.00	3.20	Cell Phone	100000001913	ENG
834323	12/19/2019	12/11/2019	POUSHO, ROBERT	8.00	3.20	Cell Phone	100000001913	ENG
834323	12/19/2019	12/16/2019	POUSHO, ROBERT	8.00	3.20	Cell Phone	100000001913	ENG
834323	12/19/2019	12/18/2019	POUSHO, ROBERT	8.00	3.20	Cell Phone	100000001913	ENG
834323	12/19/2019	12/19/2019	POUSHO, ROBERT	8.00	3.20	Cell Phone	100000001913	ENG
834323	12/19/2019	12/20/2019	POUSHO, ROBERT	8.00	3.20	Cell Phone	100000001913	ENG
834323	12/19/2019	12/12/2019	POUSHO, ROBERT	8.00	3.20	Cell Phone	100000001913	ENG
834323	01/02/2020	12/23/2019	POUSHO, ROBERT	8.00	3.20	Cell Phone	100000001913	ENG
834323	01/02/2020	12/27/2019	POUSHO, ROBERT	8.00	3.20	Cell Phone	100000001913	ENG
834323	01/02/2020	12/30/2019	POUSHO, ROBERT	8.00	3.20	Cell Phone	100000001913	ENG
834323	01/02/2020	01/03/2020	POUSHO, ROBERT	8.00	3.20	Cell Phone	100000001913	ENG
834323	01/02/2020	01/02/2020	POUSHO, ROBERT	8.00	3.20	Cell Phone	100000001913	ENG
834323	12/19/2019	12/17/2019	POUSHO, ROBERT	10.00	4.00	Cell Phone	100000001913	ENG
834323	12/19/2019	12/09/2019	POUSHO, ROBERT	8.00	4.80	Mobile Data Card	100000001913	ENG
834323	12/19/2019	12/10/2019	POUSHO, ROBERT	8.00	4.80	Mobile Data Card	100000001913	ENG
834323	12/19/2019	12/11/2019	POUSHO, ROBERT	8.00	4.80	Mobile Data Card	100000001913	ENG
834323	12/19/2019	12/16/2019	POUSHO, ROBERT	8.00	4.80	Mobile Data Card	100000001913	ENG
834323	12/19/2019	12/18/2019	POUSHO, ROBERT	8.00	4.80	Mobile Data Card	100000001913	ENG
834323	12/19/2019	12/19/2019	POUSHO, ROBERT	8.00	4.80	Mobile Data Card	100000001913	ENG
834323	12/19/2019	12/20/2019	POUSHO, ROBERT	8.00	4.80	Mobile Data Card	100000001913	ENG
834323	12/19/2019	12/12/2019	POUSHO, ROBERT	8.00	4.80	Mobile Data Card	100000001913	ENG
834323	01/02/2020	12/23/2019	POUSHO, ROBERT	8.00	4.80	Mobile Data Card	100000001913	ENG
834323	01/02/2020	12/27/2019	POUSHO, ROBERT	8.00	4.80	Mobile Data Card	100000001913	ENG
834323	01/02/2020	12/30/2019	POUSHO, ROBERT	8.00	4.80	Mobile Data Card	100000001913	ENG
834323	01/02/2020	01/03/2020	POUSHO, ROBERT	8.00	4.80	Mobile Data Card	100000001913	ENG
834323	01/02/2020	01/02/2020	POUSHO, ROBERT	8.00	4.80	Mobile Data Card	100000001913	ENG
834323	12/19/2019	12/17/2019	POUSHO, ROBERT	10.00	6.00	Mobile Data Card	100000001913	ENG
834323	12/19/2019	12/09/2019	POUSHO, ROBERT	8.00	18.72	PC/Computer	100000001913	ENG
834323	12/19/2019	12/10/2019	POUSHO, ROBERT	8.00	18.72	PC/Computer	100000001913	ENG
834323	12/19/2019	12/11/2019	POUSHO, ROBERT	8.00	18.72	PC/Computer	100000001913	ENG
834323	12/19/2019	12/16/2019	POUSHO, ROBERT	8.00	18.72	PC/Computer	100000001913	ENG
834323	12/19/2019	12/18/2019	POUSHO, ROBERT	8.00	18.72	PC/Computer	100000001913	ENG
834323	12/19/2019	12/19/2019	POUSHO, ROBERT	8.00	18.72	PC/Computer	100000001913	ENG
834323	12/19/2019	12/20/2019	POUSHO, ROBERT	8.00	18.72	PC/Computer	100000001913	ENG
834323	12/19/2019	12/12/2019	POUSHO, ROBERT	8.00	18.72	PC/Computer	100000001913	ENG
834323	01/02/2020	12/23/2019	POUSHO, ROBERT	8.00	18.72	PC/Computer	100000001913	ENG
834323	01/02/2020	12/27/2019	POUSHO, ROBERT	8.00	18.72	PC/Computer	100000001913	ENG
834323	01/02/2020	12/30/2019	POUSHO, ROBERT	8.00	18.72	PC/Computer	100000001913	ENG
834323	01/02/2020	01/03/2020	POUSHO, ROBERT	8.00	18.72	PC/Computer	100000001913	ENG
834323	01/02/2020	01/02/2020	POUSHO, ROBERT	8.00	18.72	PC/Computer	100000001913	ENG
834323	12/19/2019	12/17/2019	POUSHO, ROBERT	10.00	23.40	PC/Computer	100000001913	ENG
			POUSHO, ROBERT Total		354.04			
834323	12/19/2019	12/14/2019	PARROTT, JEFFREY	2.00	4.68	PC/Computer	100000001913	ENG
834323	12/19/2019	12/20/2019	PARROTT, JEFFREY	4.00	9.36	PC/Computer	100000001913	ENG
			PARROTT, JEFFREY Total		14.04			
			Grand Total		368.08			

OMI Segment 4 Project - WRC Personal Mileage and Parking - Accounting Date Range 12/01/2019 - 12/31/2019

Acctg Date	Fund	Fund Description	Project	Project Description	Activity	Descr	Sum BU Amount
12/6/2019	84915	Oakland Macomb Interceptor Seg 4	100000001913	Oakland Macomb Interceptor Seg 4	ENG	Pousho 752 miles 12-13-19	\$ 436.16
12/20/2019	84915	Oakland Macomb Interceptor Seg 4	100000001913	Oakland Macomb Interceptor Seg 4	ENG	Pousho 810 miles 12-27-19	\$ 469.80
							<u>\$ 905.96</u>

OMI Seg 4 Proj - WRC Employee Related Expense - Reconciliation between CIP & Query Reports

Internal Reconciliation for the 01/15/2020 OMI Meeting

Activity	Account Name	Amount from Previous OMI Meeting CIP Report (12/18/2019 mtg)	WRC Labor, Fringes, Non-Direct Labor Factor, and Equipment presented to 01/15/2020 Mtg	*Rounding adjustment due to CAMS Upgrade	WRC LTD as of the CIP Report for the 01/15/2020 Mtg
ADM	SALARIES	\$0.00			\$0.00
ADM	SALARIES - NPF	\$0.00			\$0.00
ADM	EQUIP RENTAL (drain equip from Prelim Proj)	\$0.00			\$0.00
ADM	DRAIN EQUIP LABOR	\$4,607.71			\$4,607.71
ADM	DRAIN EQUIP	\$269.47			\$269.47
ENG	SALARIES	\$0.00			\$0.00
ENG	SALARIES - NPF	\$0.00			\$0.00
ENG	EQUIP RENTAL (drain equip from Prelim Proj)	\$0.00			\$0.00
ENG	PERSONAL MILEAGE	\$6,306.14	\$	905.96	\$7,212.10
ENG	DRAIN EQUIP LABOR	\$709,839.45	\$	3,517.86	\$713,357.31
ENG	DRAIN EQUIP	\$88,069.01	\$	368.08	\$88,437.09
INS	SALARIES	\$0.00			\$0.00
INS	SALARIES - NPF	\$0.00			\$0.00
INS	EQUIP RENTAL (drain equip from Prelim Proj)	\$0.00			\$0.00
INS	DRAIN EQUIP LABOR	\$0.00			\$0.00
INS	DRAIN EQUIP	\$0.00			\$0.00
ROW	SALARIES	\$0.00			\$0.00
ROW	SALARIES - NPF	\$0.00			\$0.00
ROW	EQUIP RENTAL (drain equip from Prelim Proj)	\$0.00			\$0.00
ROW	DRAIN EQUIP LABOR	\$0.00			\$0.00
ROW	DRAIN EQUIP	\$0.00			\$0.00
FRINGE_BENEFITS	total FBs	\$0.00			\$0.00
		\$809,091.78	\$	4,791.90	\$0.00
					\$813,883.68

Detailed Query info worksheets

WRC Labor/Fringes/Non-Direct Labor Factor	\$	3,517.86
WRC Equipment	\$	368.08
mileage/parking w/s	\$	905.96
unassigned equip w/s	\$	-
		<u>\$4,791.90</u>

Difference between Project in Progress Report and Query Detail \$0.00

Internal Reconciliation for the 01/15/2020 OMI Meeting

		Amount from Previous OMI Meeting CIP Report (12/18/2019 mtg)	WRC Labor, Fringes, Non-Direct Labor Factor, and Equipment presented to 01/15/2020 Mtg		WRC LTD as of the CIP Report for the01/15/2020 Mtg
Activity	Account Name				
ENG / STD / INS	DRAIN EQUIP LABOR	\$ 122,667.17	\$ 16,662.73	\$	139,329.90
ENG / STD / INS	DRAIN EQUIP	\$ 12,255.78	\$ 1,886.81	\$	14,142.59
		<u>\$ 134,922.95</u>	<u>\$ 18,549.54</u>	\$	<u>153,472.49</u>
Detailed Query info worksheets					
WRC Labor/Fringes/Non-Direct Labor Factor			\$ 16,662.73		
WRC Equipment			\$ 1,886.81		
mileage/parking w/s			\$ -		
unassigned equip w/s			\$ -		
			<u>\$18,549.54</u>		
Difference between Project in Progress Report and Query Detail				\$0.00	

OMI Segment 4 NESPS Odor Corrosion Study Project - WRC Labor/Fringes/Non-Direct Labor Factor for Trans Dates - 12/07/2019 - 01/03/2020									
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity
864521	12/09/2019	11/26/2019	BROWN, JOEL	4.00	415.64	REGULAR	WRCCON	100000002708	INS
864521	12/09/2019	11/27/2019	BROWN, JOEL	1.00	103.91	REGULAR	WRCCON	100000002708	INS
864521	12/09/2019	12/02/2019	BROWN, JOEL	0.50	51.96	REGULAR	WRCCON	100000002708	INS
864521	12/09/2019	12/03/2019	BROWN, JOEL	4.00	415.64	REGULAR	WRCCON	100000002708	INS
864521	12/09/2019	12/04/2019	BROWN, JOEL	3.00	311.73	REGULAR	WRCCON	100000002708	INS
864521	12/09/2019	12/06/2019	BROWN, JOEL	2.00	207.82	REGULAR	WRCCON	100000002708	INS
864521	12/23/2019	12/09/2019	BROWN, JOEL	1.50	155.87	REGULAR	WRCCON	100000002708	INS
864521	12/23/2019	12/10/2019	BROWN, JOEL	5.00	519.55	REGULAR	WRCCON	100000002708	INS
864521	12/23/2019	12/11/2019	BROWN, JOEL	3.00	311.73	REGULAR	WRCCON	100000002708	INS
864521	12/23/2019	12/12/2019	BROWN, JOEL	1.00	103.91	REGULAR	WRCCON	100000002708	INS
864521	12/23/2019	12/13/2019	BROWN, JOEL	2.00	207.82	REGULAR	WRCCON	100000002708	INS
864521	12/23/2019	12/16/2019	BROWN, JOEL	1.00	103.91	REGULAR	WRCCON	100000002708	INS
864521	12/23/2019	12/17/2019	BROWN, JOEL	5.00	519.55	REGULAR	WRCCON	100000002708	INS
864521	12/23/2019	12/18/2019	BROWN, JOEL	1.50	155.87	REGULAR	WRCCON	100000002708	INS
864521	12/23/2019	12/19/2019	BROWN, JOEL	1.00	103.91	REGULAR	WRCCON	100000002708	INS
864521	12/23/2019	12/20/2019	BROWN, JOEL	1.00	103.91	REGULAR	WRCCON	100000002708	INS
			BROWN, JOEL Total		3,792.73				
866220	12/09/2019	12/09/2019	CODE, JEFFREY	1.00	68.37	REGULAR	WRCCDM	100000002708	INS
866220	12/11/2019	12/10/2019	CODE, JEFFREY	1.00	68.37	REGULAR	WRCCDM	100000002708	INS
866220	12/11/2019	12/11/2019	CODE, JEFFREY	1.00	68.37	REGULAR	WRCCDM	100000002708	INS
866220	12/12/2019	12/12/2019	CODE, JEFFREY	1.00	68.37	REGULAR	WRCCDM	100000002708	INS
866220	12/13/2019	12/13/2019	CODE, JEFFREY	1.00	68.37	REGULAR	WRCCDM	100000002708	INS
866220	12/16/2019	12/16/2019	CODE, JEFFREY	1.00	68.37	REGULAR	WRCCDM	100000002708	INS
866220	12/18/2019	12/17/2019	CODE, JEFFREY	1.00	68.37	REGULAR	WRCCDM	100000002708	INS
866220	12/19/2019	12/18/2019	CODE, JEFFREY	1.00	68.37	REGULAR	WRCCDM	100000002708	INS
866220	12/20/2019	12/19/2019	CODE, JEFFREY	1.00	68.37	REGULAR	WRCCDM	100000002708	INS
866220	12/20/2019	12/20/2019	CODE, JEFFREY	1.00	68.37	REGULAR	WRCCDM	100000002708	INS
866220	12/23/2019	12/23/2019	CODE, JEFFREY	1.00	68.37	REGULAR	WRCCDM	100000002708	INS
866220	12/26/2019	12/26/2019	CODE, JEFFREY	1.00	68.37	REGULAR	WRCCDM	100000002708	INS
866220	12/27/2019	12/27/2019	CODE, JEFFREY	1.00	68.37	REGULAR	WRCCDM	100000002708	INS
866220	12/30/2019	12/30/2019	CODE, JEFFREY	1.00	68.37	REGULAR	WRCCDM	100000002708	INS
866220	01/02/2020	01/02/2020	CODE, JEFFREY	1.00	68.37	REGULAR	WRCCDM	100000002708	INS
866220	01/03/2020	01/03/2020	CODE, JEFFREY	1.00	68.37	REGULAR	WRCCDM	100000002708	INS
			CODE, JEFFREY Total		1,093.92				
864521	12/18/2019	12/09/2019	LOCKHART, SIDNEY	2.00	245.88	REGULAR	WRCADM	100000002708	INS
864521	12/18/2019	12/10/2019	LOCKHART, SIDNEY	2.00	245.88	REGULAR	WRCADM	100000002708	INS
864521	12/18/2019	12/11/2019	LOCKHART, SIDNEY	2.00	245.88	REGULAR	WRCADM	100000002708	INS
864521	12/18/2019	12/12/2019	LOCKHART, SIDNEY	2.00	245.88	REGULAR	WRCADM	100000002708	INS
864521	12/18/2019	12/13/2019	LOCKHART, SIDNEY	2.00	245.88	REGULAR	WRCADM	100000002708	INS
864521	12/18/2019	12/16/2019	LOCKHART, SIDNEY	2.00	245.88	REGULAR	WRCADM	100000002708	INS
864521	12/18/2019	12/17/2019	LOCKHART, SIDNEY	2.00	245.88	REGULAR	WRCADM	100000002708	INS
864521	12/18/2019	12/18/2019	LOCKHART, SIDNEY	2.00	245.88	REGULAR	WRCADM	100000002708	INS
			LOCKHART, SIDNEY Total		1,967.04				
866220	12/09/2019	12/09/2019	ROBERTS, PATRICK	2.00	128.34	OVERTIME	WRCCDM	100000002708	INS
866220	12/09/2019	12/09/2019	ROBERTS, PATRICK	8.00	452.64	REGULAR	WRCCDM	100000002708	INS
866220	12/10/2019	12/10/2019	ROBERTS, PATRICK	2.00	128.34	OVERTIME	WRCCDM	100000002708	INS
866220	12/10/2019	12/10/2019	ROBERTS, PATRICK	8.00	452.64	REGULAR	WRCCDM	100000002708	INS
866220	12/12/2019	12/11/2019	ROBERTS, PATRICK	3.00	192.51	OVERTIME	WRCCDM	100000002708	INS
866220	12/12/2019	12/11/2019	ROBERTS, PATRICK	8.00	452.64	REGULAR	WRCCDM	100000002708	INS
866220	12/13/2019	12/12/2019	ROBERTS, PATRICK	3.00	192.51	OVERTIME	WRCCDM	100000002708	INS
866220	12/13/2019	12/12/2019	ROBERTS, PATRICK	8.00	452.64	REGULAR	WRCCDM	100000002708	INS
866220	12/16/2019	12/13/2019	ROBERTS, PATRICK	1.00	64.17	OVERTIME	WRCCDM	100000002708	INS
866220	12/16/2019	12/13/2019	ROBERTS, PATRICK	8.00	452.64	REGULAR	WRCCDM	100000002708	INS
866220	12/18/2019	12/16/2019	ROBERTS, PATRICK	3.00	192.51	OVERTIME	WRCCDM	100000002708	INS
866220	12/18/2019	12/16/2019	ROBERTS, PATRICK	8.00	452.64	REGULAR	WRCCDM	100000002708	INS
866220	12/18/2019	12/17/2019	ROBERTS, PATRICK	3.00	192.51	OVERTIME	WRCCDM	100000002708	INS
866220	12/18/2019	12/17/2019	ROBERTS, PATRICK	8.00	452.64	REGULAR	WRCCDM	100000002708	INS
866220	12/20/2019	12/18/2019	ROBERTS, PATRICK	3.00	192.51	OVERTIME	WRCCDM	100000002708	INS
866220	12/20/2019	12/18/2019	ROBERTS, PATRICK	8.00	452.64	REGULAR	WRCCDM	100000002708	INS
866220	12/20/2019	12/19/2019	ROBERTS, PATRICK	6.00	385.02	OVERTIME	WRCCDM	100000002708	INS
866220	12/20/2019	12/19/2019	ROBERTS, PATRICK	8.00	452.64	REGULAR	WRCCDM	100000002708	INS
866220	12/20/2019	12/20/2019	ROBERTS, PATRICK	2.00	128.34	OVERTIME	WRCCDM	100000002708	INS
866220	12/20/2019	12/20/2019	ROBERTS, PATRICK	8.00	452.64	REGULAR	WRCCDM	100000002708	INS
866220	12/26/2019	12/23/2019	ROBERTS, PATRICK	2.00	128.34	OVERTIME	WRCCDM	100000002708	INS
866220	12/26/2019	12/23/2019	ROBERTS, PATRICK	8.00	452.64	REGULAR	WRCCDM	100000002708	INS
866220	12/27/2019	12/26/2019	ROBERTS, PATRICK	1.00	64.17	OVERTIME	WRCCDM	100000002708	INS
866220	12/27/2019	12/26/2019	ROBERTS, PATRICK	8.00	452.64	REGULAR	WRCCDM	100000002708	INS
866220	12/29/2019	12/27/2019	ROBERTS, PATRICK	2.00	128.34	OVERTIME	WRCCDM	100000002708	INS
866220	12/29/2019	12/27/2019	ROBERTS, PATRICK	8.00	452.64	REGULAR	WRCCDM	100000002708	INS
866220	01/02/2020	12/30/2019	ROBERTS, PATRICK	2.00	128.34	OVERTIME	WRCCDM	100000002708	INS
866220	01/02/2020	12/30/2019	ROBERTS, PATRICK	8.00	452.64	REGULAR	WRCCDM	100000002708	INS
866220	01/03/2020	01/02/2020	ROBERTS, PATRICK	3.00	192.51	OVERTIME	WRCCDM	100000002708	INS
866220	01/03/2020	01/02/2020	ROBERTS, PATRICK	8.00	452.64	REGULAR	WRCCDM	100000002708	INS
866220	01/03/2020	01/03/2020	ROBERTS, PATRICK	2.00	128.34	OVERTIME	WRCCDM	100000002708	INS

866220	01/03/2020	01/03/2020	ROBERTS, PATRICK	8.00	452.64	REGULAR	WRCCDM	100000002708	INS
			ROBERTS, PATRICK Total		9,809.04				
			Grand Total		16,662.73				

OMI Segment 4 NESPS Odor Corrosion Study Project - WRC Equipment Charges for Trans Dates - 12/07/2019 - 01/03/2020										
WOID	Date Entered	Date Worked	Name/Description	Hours/Units	Cost	Cost Category	Assign Equipment	Project	Activity	
864521	12/09/2019	11/26/2019	BROWN, JOEL	4.00	1.60	ASSIGNED	Cell Phone	100000002708	ENG	
864521	12/09/2019	11/26/2019	BROWN, JOEL	4.00	9.36	ASSIGNED	PC/Computer	100000002708	ENG	
864521	12/09/2019	11/27/2019	BROWN, JOEL	1.00	0.40	ASSIGNED	Cell Phone	100000002708	ENG	
864521	12/09/2019	11/27/2019	BROWN, JOEL	1.00	2.34	ASSIGNED	PC/Computer	100000002708	ENG	
864521	12/09/2019	12/02/2019	BROWN, JOEL	0.50	0.20	ASSIGNED	Cell Phone	100000002708	ENG	
864521	12/09/2019	12/02/2019	BROWN, JOEL	0.50	1.17	ASSIGNED	PC/Computer	100000002708	ENG	
864521	12/09/2019	12/03/2019	BROWN, JOEL	4.00	1.60	ASSIGNED	Cell Phone	100000002708	ENG	
864521	12/09/2019	12/03/2019	BROWN, JOEL	4.00	9.36	ASSIGNED	PC/Computer	100000002708	ENG	
864521	12/09/2019	12/04/2019	BROWN, JOEL	3.00	1.20	ASSIGNED	Cell Phone	100000002708	ENG	
864521	12/09/2019	12/04/2019	BROWN, JOEL	3.00	7.02	ASSIGNED	PC/Computer	100000002708	ENG	
864521	12/09/2019	12/06/2019	BROWN, JOEL	2.00	0.80	ASSIGNED	Cell Phone	100000002708	ENG	
864521	12/09/2019	12/06/2019	BROWN, JOEL	2.00	4.68	ASSIGNED	PC/Computer	100000002708	ENG	
864521	12/23/2019	12/09/2019	BROWN, JOEL	1.50	0.60	ASSIGNED	Cell Phone	100000002708	ENG	
864521	12/23/2019	12/09/2019	BROWN, JOEL	1.50	3.51	ASSIGNED	PC/Computer	100000002708	ENG	
864521	12/23/2019	12/10/2019	BROWN, JOEL	5.00	2.00	ASSIGNED	Cell Phone	100000002708	ENG	
864521	12/23/2019	12/10/2019	BROWN, JOEL	5.00	11.70	ASSIGNED	PC/Computer	100000002708	ENG	
864521	12/23/2019	12/11/2019	BROWN, JOEL	3.00	1.20	ASSIGNED	Cell Phone	100000002708	ENG	
864521	12/23/2019	12/11/2019	BROWN, JOEL	3.00	7.02	ASSIGNED	PC/Computer	100000002708	ENG	
864521	12/23/2019	12/12/2019	BROWN, JOEL	1.00	0.40	ASSIGNED	Cell Phone	100000002708	ENG	
864521	12/23/2019	12/12/2019	BROWN, JOEL	1.00	2.34	ASSIGNED	PC/Computer	100000002708	ENG	
864521	12/23/2019	12/13/2019	BROWN, JOEL	2.00	0.80	ASSIGNED	Cell Phone	100000002708	ENG	
864521	12/23/2019	12/13/2019	BROWN, JOEL	2.00	4.68	ASSIGNED	PC/Computer	100000002708	ENG	
864521	12/23/2019	12/16/2019	BROWN, JOEL	1.00	0.40	ASSIGNED	Cell Phone	100000002708	ENG	
864521	12/23/2019	12/16/2019	BROWN, JOEL	1.00	2.34	ASSIGNED	PC/Computer	100000002708	ENG	
864521	12/23/2019	12/17/2019	BROWN, JOEL	5.00	2.00	ASSIGNED	Cell Phone	100000002708	ENG	
864521	12/23/2019	12/17/2019	BROWN, JOEL	5.00	11.70	ASSIGNED	PC/Computer	100000002708	ENG	
864521	12/23/2019	12/18/2019	BROWN, JOEL	1.50	0.60	ASSIGNED	Cell Phone	100000002708	ENG	
864521	12/23/2019	12/18/2019	BROWN, JOEL	1.50	3.51	ASSIGNED	PC/Computer	100000002708	ENG	
864521	12/23/2019	12/19/2019	BROWN, JOEL	1.00	0.40	ASSIGNED	Cell Phone	100000002708	ENG	
864521	12/23/2019	12/19/2019	BROWN, JOEL	1.00	2.34	ASSIGNED	PC/Computer	100000002708	ENG	
864521	12/23/2019	12/20/2019	BROWN, JOEL	1.00	0.40	ASSIGNED	Cell Phone	100000002708	ENG	
864521	12/23/2019	12/20/2019	BROWN, JOEL	1.00	2.34	ASSIGNED	PC/Computer	100000002708	ENG	
			BROWN, JOEL Total		100.01					
866220	12/09/2019	12/09/2019	CODE, JEFFREY	1.00	5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS	
866220	12/09/2019	12/09/2019	CODE, JEFFREY	1.00	0.40	ASSIGNED	Cell Phone	100000002708	INS	
866220	12/09/2019	12/09/2019	CODE, JEFFREY	1.00	2.34	ASSIGNED	PC/Computer	100000002708	INS	
866220	12/11/2019	12/10/2019	CODE, JEFFREY	1.00	5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS	
866220	12/11/2019	12/10/2019	CODE, JEFFREY	1.00	0.40	ASSIGNED	Cell Phone	100000002708	INS	
866220	12/11/2019	12/10/2019	CODE, JEFFREY	1.00	2.34	ASSIGNED	PC/Computer	100000002708	INS	
866220	12/11/2019	12/11/2019	CODE, JEFFREY	1.00	5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS	
866220	12/11/2019	12/11/2019	CODE, JEFFREY	1.00	0.40	ASSIGNED	Cell Phone	100000002708	INS	
866220	12/11/2019	12/11/2019	CODE, JEFFREY	1.00	2.34	ASSIGNED	PC/Computer	100000002708	INS	
866220	12/12/2019	12/12/2019	CODE, JEFFREY	1.00	5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS	
866220	12/12/2019	12/12/2019	CODE, JEFFREY	1.00	0.40	ASSIGNED	Cell Phone	100000002708	INS	
866220	12/12/2019	12/12/2019	CODE, JEFFREY	1.00	2.34	ASSIGNED	PC/Computer	100000002708	INS	
866220	12/13/2019	12/13/2019	CODE, JEFFREY	1.00	5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS	
866220	12/13/2019	12/13/2019	CODE, JEFFREY	1.00	0.40	ASSIGNED	Cell Phone	100000002708	INS	
866220	12/13/2019	12/13/2019	CODE, JEFFREY	1.00	2.34	ASSIGNED	PC/Computer	100000002708	INS	
866220	12/16/2019	12/16/2019	CODE, JEFFREY	1.00	5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS	
866220	12/16/2019	12/16/2019	CODE, JEFFREY	1.00	0.40	ASSIGNED	Cell Phone	100000002708	INS	
866220	12/16/2019	12/16/2019	CODE, JEFFREY	1.00	2.34	ASSIGNED	PC/Computer	100000002708	INS	
866220	12/18/2019	12/17/2019	CODE, JEFFREY	1.00	5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS	
866220	12/18/2019	12/17/2019	CODE, JEFFREY	1.00	0.40	ASSIGNED	Cell Phone	100000002708	INS	
866220	12/18/2019	12/17/2019	CODE, JEFFREY	1.00	2.34	ASSIGNED	PC/Computer	100000002708	INS	
866220	12/19/2019	12/18/2019	CODE, JEFFREY	1.00	5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	ENG	
866220	12/19/2019	12/18/2019	CODE, JEFFREY	1.00	0.40	ASSIGNED	Cell Phone	100000002708	INS	
866220	12/19/2019	12/18/2019	CODE, JEFFREY	1.00	2.34	ASSIGNED	PC/Computer	100000002708	ENG	
866220	12/20/2019	12/19/2019	CODE, JEFFREY	1.00	5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS	
866220	12/20/2019	12/19/2019	CODE, JEFFREY	1.00	0.40	ASSIGNED	Cell Phone	100000002708	INS	
866220	12/20/2019	12/19/2019	CODE, JEFFREY	1.00	2.34	ASSIGNED	PC/Computer	100000002708	INS	
866220	12/20/2019	12/20/2019	CODE, JEFFREY	1.00	5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS	
866220	12/20/2019	12/20/2019	CODE, JEFFREY	1.00	0.40	ASSIGNED	Cell Phone	100000002708	INS	
866220	12/20/2019	12/20/2019	CODE, JEFFREY	1.00	2.34	ASSIGNED	PC/Computer	100000002708	INS	
866220	12/23/2019	12/23/2019	CODE, JEFFREY	1.00	5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS	
866220	12/23/2019	12/23/2019	CODE, JEFFREY	1.00	0.40	ASSIGNED	Cell Phone	100000002708	INS	
866220	12/23/2019	12/23/2019	CODE, JEFFREY	1.00	2.34	ASSIGNED	PC/Computer	100000002708	INS	
866220	12/26/2019	12/26/2019	CODE, JEFFREY	1.00	5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	ENG	
866220	12/26/2019	12/26/2019	CODE, JEFFREY	1.00	0.40	ASSIGNED	Cell Phone	100000002708	INS	
866220	12/26/2019	12/26/2019	CODE, JEFFREY	1.00	2.34	ASSIGNED	PC/Computer	100000002708	ENG	
866220	12/27/2019	12/27/2019	CODE, JEFFREY	1.00	5.69	ASSIGNED	1/2 Ton Pick-up	100000002708	INS	
866220	12/27/2019	12/27/2019	CODE, JEFFREY	1.00	0.40	ASSIGNED	Cell Phone	100000002708	INS	

866220	01/03/2020	01/02/2020	ROBERTS, PATRICK	8.00	45.52	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
866220	01/03/2020	01/02/2020	ROBERTS, PATRICK	3.00	17.07	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
866220	01/03/2020	01/02/2020	ROBERTS, PATRICK	8.00	3.20	ASSIGNED	Cell Phone	100000002708	INS
866220	01/03/2020	01/02/2020	ROBERTS, PATRICK	3.00	1.20	ASSIGNED	Cell Phone	100000002708	INS
866220	01/03/2020	01/02/2020	ROBERTS, PATRICK	8.00	4.80	ASSIGNED	Mobile Data Card	100000002708	INS
866220	01/03/2020	01/02/2020	ROBERTS, PATRICK	3.00	1.80	ASSIGNED	Mobile Data Card	100000002708	INS
866220	01/03/2020	01/02/2020	ROBERTS, PATRICK	8.00	18.72	ASSIGNED	PC/Computer	100000002708	INS
866220	01/03/2020	01/02/2020	ROBERTS, PATRICK	3.00	7.02	ASSIGNED	PC/Computer	100000002708	INS
866220	01/03/2020	01/03/2020	ROBERTS, PATRICK	2.00	11.38	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
866220	01/03/2020	01/03/2020	ROBERTS, PATRICK	8.00	45.52	ASSIGNED	1/2 Ton Pick-up	100000002708	INS
866220	01/03/2020	01/03/2020	ROBERTS, PATRICK	2.00	0.80	ASSIGNED	Cell Phone	100000002708	INS
866220	01/03/2020	01/03/2020	ROBERTS, PATRICK	8.00	3.20	ASSIGNED	Cell Phone	100000002708	INS
866220	01/03/2020	01/03/2020	ROBERTS, PATRICK	2.00	1.20	ASSIGNED	Mobile Data Card	100000002708	INS
866220	01/03/2020	01/03/2020	ROBERTS, PATRICK	8.00	4.80	ASSIGNED	Mobile Data Card	100000002708	INS
866220	01/03/2020	01/03/2020	ROBERTS, PATRICK	2.00	4.68	ASSIGNED	PC/Computer	100000002708	INS
866220	01/03/2020	01/03/2020	ROBERTS, PATRICK	8.00	18.72	ASSIGNED	PC/Computer	100000002708	INS
			ROBERTS, PATRICK Total		1,517.04				
			Grand Total		1,886.81				

Acctg Date	Fund	Fund Description	Project	Project Description	Activity	Oper Unit	OU Descr	Descr	Sum BU Amount
None									\$0.00



Candice S. Miller

Public Works Commissioner
Macomb County

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

Invoice Date Invoice
01/07/2020 ARP200018

REF DATE	DESCRIPTION	AMOUNT
Work Order: #	WO Descrip:	
01/07/2020	Personnel Reimb. Oct.-Dec. 201	8,271.91
Work Order: #	WO Descrip:	
01/07/2020	Meeting Reimb. - Lunch	636.85
Work Order: #	WO Descrip:	
01/07/2020	Utility Reimb.	1,868.51
Work Order: #	WO Descrip:	
01/07/2020	Vendor Reimb	743.57
Charges		11,520.84

Please direct inquiries about your account to:

Phone: (586) 469-5325 - Finance Department

Email: bruce.manning@macombgov.org

Please make checks payable to:

Macomb County Public Works

Please remit your payment to:

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

Customer Number: V01091 AC: 32

Invoice Date: 01/07/2020

Invoice Number: ARP200018

Amount Due: \$11,520.84

Payment Terms: Due Upon Receipt

OMID			
COMCAST	8529 10 112 0329082	10/1-10/31	\$17.54
COMCAST	8529 10 112 0329082	11/1-11/30	\$17.54
COMCAST	8529 10 112 0329082	12/1-12/31	\$17.54
COMCAST	8529 10 113 0127831	9/1-9/30	\$13.28
COMCAST	8529 10 113 0127831	10/1-10/31	\$13.28
COMCAST	8529 10 113 0127831	11/1-11/30	\$13.28
COMCAST	8529 10 113 0127831	12/1-12/31	\$13.28
COMCAST	8529 10 199 1516981	9/19-10/18	\$210.77
COMCAST	8529 10 199 1516981	10/19-11/18	\$210.82
COMCAST	8529 10 199 1516981	11/19-12/18	\$210.82
COMCAST	8529 10 199 1516981	12/19-1/18	\$210.82
COMCAST	8529 10 077 0837261	9/17-10/16	\$15.06
COMCAST	8529 10 077 0837261	10/17-11/16	\$15.07
COMCAST	8529 10 077 0837261	11/17-12/16	\$15.08
COMCAST	8529 10 077 0837261	12/17-1/16	\$15.08
COMCAST	8529 10 077 0830852	10/9-11/8	\$9.58
COMCAST	8529 10 077 0830852	11/9-12/8	\$9.58
COMCAST	8529 10 077 0830852	12/9-1/8	\$9.58
COMCAST TOTAL			\$1,038.00

Sprint	578736375-097	9/24-10/23	\$41.61
Sprint	578736375-098	10/24-11/23	\$54.17
Sprint	578736375-099	11/24-12/23	\$54.17
SPRINT TOTAL			\$149.95

Verizon	9838726592	8/24-9/23	\$169.30
Verizon	9840759684	9/24-10/23	\$169.31
Verizon	9842812392	10/24-11/23	\$169.25
Verizon	9844890140	11/24-12/23	\$172.70
VERIZON TOTAL			\$680.56

CDW	TSX5310	9/4/2019	\$417.90
MCET	92819	11/26/2019	\$262.50
WIN-911	210XT050-2020229	12/1/2019	\$41.65
Colville	19-0792	9/30/2019	\$21.52
Macomb County	19-551	10/28/2019	\$310.28
Macomb County	19-467	10/9/2019	\$310.28
Macomb County	19-458	10/3/2019	\$16.29
Macomb County	Personnel	10/1-12/31/19	\$8,271.91
VENDORS			\$9,652.33

TOTAL DUE FROM OMID \$11,520.84



Applied Science, Inc.

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

January 9, 2020

Project Invoice #11 (ASI Inv. #7504)

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

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

li: 411 33

v: 352

Invoice Period: 12/1/19-12/28/19

exp: 4/26/21

Task No.	Task Description	Total This Invoice
1	Transition & Basis of Design	
	Total:	\$ 2,922.00
	Subconsultants:	
	FK Engineering:	\$ 6,069.00
	ASI Markup 5%:	\$ 303.45
	Total:	<u>\$ 9,294.45</u>
		Total This Invoice
2	Design Services for Pump & Electrical Upgrades	
	Total:	\$ 26,218.00
	Subconsultants:	
	Metco Services:	\$ 73,000.00
	FK Engineering:	\$ 3,538.75
	NTH Consultants:	\$ 5,871.20
	AEW:	\$ 5,600.00
	ASI Markup 5%:	\$ 4,400.50
	Total Due This Invoice:	<u>\$ 118,628.45</u>
		Total This Invoice
3	Additional Special Services	
	Total:	\$ -
	Subconsultants:	
	FK Engineering:	\$ 2,821.00
	ASI Markup 5%:	\$ 141.05
	Total Due This Invoice:	<u>\$ 2,962.05</u>
	Total Due This Invoice:	\$ 130,884.95
	Previous Amount Invoiced:	\$ 588,451.51
	Total Invoiced To-Date:	\$ 719,336.46
	Contract Task Total:	\$ 1,691,901.00
	Amount Remaining:	\$ 972,564.54

**CSM Mechanical, LLC**

7400 Hickory Valley Dr.
Fenton, MI 48430
Phone # (248) 302-2078
Fax # (248) 856-2370

Invoice

Date	Invoice #
11/27/2019	19-007

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

Ship To
OMIDD 11010 E. State Fair St. Detroit, MI

P.O. Number	Terms	Due Date
	Net 60	1/26/2020

Description	Amount
Pump No.5 - Repairs to Leak in Bearing Cooling Drain Line	
Labor	285.00
Materials	86.37
Vehicle/Tool Allowance	75.00
<div><div>Fund <u>82912</u> Dept <u>6010101</u> Prog <u>149090</u> Acct <u>730660</u> Contract # <u>5817</u> Project <u>-</u> Chap 20/21 <u>211</u> Op Unit <u>-</u> Approver <u>[Signature]</u> <u>1/6/20</u></div><div>TW</div></div>	
Total \$446.37	
Payments/Credits \$0.00	
Balance Due \$446.37	

WE ACCEPT MASTER CARD, VISA, AND DISCOVER CARD

IN ACCOUNT WITH

DICKINSON WRIGHT PLLC

Vendor # 4978 Exp 4/30/2020

2800 W. BIG BEAVER ROAD, SUITE 300
TROY, MI 48064-3312
TELEPHONE: (248) 433-7200
http://www.dickinsonwright.com
FEDERAL I.D. #38-1364333

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

ATTN: JOHN BASCH

CLIENT/MATTER NO.: 012840-00424

INVOICE DATE: DECEMBER 11, 2019

INVOICE NO.: 1432261

Fund	82912	Dept	6010101
Prog	149667	Acct	731073
Contract #	5089	Project	1-3020
Chap 20/21	21	Op Unit	Legal
Approver	[Signature]		

RE: REVISION OF OAKLAND COUNTY PURCHASE ORDER FOR MISCELLANEOUS WORK

PRIVILEGED AND CONFIDENTIAL

FOR PROFESSIONAL SERVICES THROUGH NOVEMBER 30, 2019

USD

TOTAL FEES CURRENT INVOICE \$ 1,050.00

TOTAL CURRENT INVOICE \$ 1,050.00

OUTSTANDING INVOICES ON THE MATTER BILLED ON THIS CURRENT INVOICE AS OF DECEMBER 11, 2019

INVOICE	DATE	BILLED VALUE	PAYMENTS	OUTSTANDING
1422335	11/13/19	4,865.00	(0.00)	4,865.00

TOTAL OUTSTANDING FROM PRIOR INVOICES \$ 4,865.00

TOTAL AMOUNT DUE \$ 5,915.00

Remittance Instructions		
Terms: Due and Payable Upon Receipt		
Mail To:	ACH Instructions:	Wire Instructions:
Dickinson Wright PLLC 2800 W. Big Beaver Suite 300 Troy, MI 48084	JP Morgan Chase Bank N.A. 28660 Northwestern Highway Southfield, MI 48034 ABA Number: 072 000 326 Account# 38852 (Please Reference Invoice Numbers)	JP Morgan Chase Bank N.A. 28660 Northwestern Highway Southfield, MI 48034 ABA Number: 021 000 021 Swift Code: CHASUS33 (International) Account# 38852 (Please Reference Invoice Numbers)

KC 122020

Vendor # 23162

HutchinsonShockeyErley&Co

222 W. Adams Street, Suite 1700
Chicago, Illinois 60606
P 312.443.1560 F 312.443.7225
www.hsemuni.com



Invoice

To: Mr. Steve Korth, P.E., Manager
Oakland Macomb Interceptor Drain Drainage District
One Public Works Drive Building 95W, Waterford, MI 48328

From: Mr. Bill Roche, Senior Vice President
Hutchinson, Shockey, Erley & Co.

RE: Oakland-Macomb Interceptor Drain Drainage District, County of Oakland and
County of Macomb, State of Michigan
Oakland-Macomb Interceptor Drain Drainage District Bonds (Limited Tax
General Obligation), Series 2019
\$5,205,000

Date: 12/19/2019

Description of Services Provided: Placement Agent

\$5,205,000 Drainage District Bonds

Placement Agent Fee:	\$ 5,000.00
Total Amount due:	<u>\$ 5,000.00</u>

Mail Check to: Hutchinson, Shockey, Erley & Co.
222 W. Adams Street – Suite 1700
Chicago, IL 60606

Wire Funds to: Harris Trust & Savings Bank
111 West Monroe Street
Chicago, IL 60603
ABA: #071000288
A/C: Hutchinson, Shockey, Erley & Co.
A/C #: 293-744-9

Fund	82912	Dept	6010101
Prog	155030	Acct	731077
Contract #		Project	1-3085
Chap 20/21	21	Op Unit	
Approver	St/Korth 1-2-20		



INNOVATE
SOLVE
MONITOR
REPAIR



Vendor # 239

INVOICE		
DATE	NUMBER	PAGE
12/15/2019	615174	1 of 1

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

S OAKLAND MACOMB
H INTERCEPTOR DRAIN
I
P
T
O

ATTENTION:

JOEL BROWN

248-410-4908

brownjt@oakgov.com

CUSTOMER REF/PO #		JOB #	JOB TITLE	SLP	SHIPPING TYPE	
		0102762	OMID MAINTENANCE CONTRACT, FIELD SERVICE	KES/BTJ	BEST WAY	
QUANTITY		PART NO.	DESCRIPTION		UNIT PRICE	EXTENDED
B/O	Ship					

0.00	1.00	OMI100	OAKLAND MACOMB INTERCEPTOR DRA ADDITIONAL INSURANCE COVERAGE		\$16,670.00	\$16,670.00
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POLLUTION: \$6,700.00

UMBRELLA COVERAGE: \$10,000.00

Fund	82912	Dept	6010101
Prog	149090	Acct	730940
Contract #	5825	Project	
Chap 20/21	21	Op Unit	
Approver			

JTB 1/6/20

REMIT TO:

KENNEDY INDUSTRIES, INC.

P.O. BOX 930079

WIXOM, MI 48393

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

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

SUBTOTAL: \$ 16,670.00

TAX: \$ 0.00

TOTAL: \$ 16,670.00

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

www.KennedyInd.com

16142 Collection Center Drive
Chicago, IL 60693-0002

Invoice # 2026		Page 1 of 1
Account Number	OAKLINT-01	Date 01/09/2020
BALANCE DUE ON	2/1/2020	
AMOUNT PAID		Amount Due \$ 51,530.93

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

Make checks payable to: Meadowbrook Insurance Agency

NESPS Safety Consultant & Administration	Policy Number	OCIPNESPSADMIN19	Effective: 8/1/2019 to 9/1/2020
--	---------------	------------------	---------------------------------

Item #	Trans Eff Date	Due Date	Trans	Description	Amount
90246	8/1/2019	2/1/2020	CNEW	3 of 4 Quarterly Installments	\$44,200.00
90247	10/31/2019	2/1/2020	CNEW	CSC September-October Overtime (19.5 Hrs @ Flat Rate)	\$1,657.50
90248	11/30/2019	2/1/2020	CNEW	CSC November Overtime (22.5 Hrs @ Flat Rate)	\$1,912.50
90249	12/31/2019	2/1/2020	CNEW	CSC December Overtime (20 Hrs @ Flat Rate)	\$1,700
90250	11/08/2019	2/1/2020	EQUIP	CSC Confined Space Respirator (Invoice # 04168654)	\$725.82
90251	11/08/2019	2/1/2020	EQUIP	CSC Confined Space Harness (Invoice # 04167803)	\$71.21
90252	11/08/2019	2/1/2020	EQUIP	CSC Confined Space Altair 4XR Diffusion, Regulator, and Gas H2S 20 PPM/CO 60 PPM/CH4 2 9% LEL/O2 15% (Invoice # 04167454)	\$1,263.90

Total Invoice Balance: \$51,530.93

Payment due upon receipt.

Fund	84915	Dept	6010101
Prog	149015	Acct	730940
Contract #	4704	Project	1-2709
Chap 20/21	21	Op Unit	
Approver			



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

INVOICE NO. 1811-12

DATE: January 2, 2020

METCO PROJECT NO. 1811

INVOICE PERIOD: thru 12/29/2019

Contract ID 000000000000000000005517

Vendor ID 0000020486

TO: OMIDD

Water Resources Commissioner

One Public Works Drive

Waterford, MI 48328

Attn: Mr. Sid Lockhart, PE

Deputy Chief Engineer/Special Projects Manager

TITLE: NESPS Operation and Maintenance

APPROVED FOR PAYMENT

ON

Task 3.2 - Operational Plan

Task 3.2A - OMID Operations - Fund 82912, Program 149130, Account 730373

Name	Title	Hrs.	Rate/Hr.	Amount
Raj Vijayendran, PE	Principal Engineer	0.0	\$ 215.00	\$ -
Terry Moore	Operations Manager	0.0	\$ 145.00	\$ -
Rosana Santos	Administrative Assoc.	0.0	\$ 73.79	\$ -
Subtotal Task 3.2A:			\$	-

Task 3.2B - NEPS Operations - Fund 82912, Program 149090, Account 730373

Name	Title	Hrs.	Rate/Hr.	Amount
Raj Vijayendran, PE	Principal Engineer	16.0	\$ 215.00	\$ 3,440.00
Terry Moore	Operations Manager	24.0	\$ 145.00	\$ 3,480.00
Darrin Green	Staff Engineer	3.5	\$ 90.00	\$ 315.00
Rosana Santos	Administrative Assoc.	2.0	\$ 73.79	\$ 147.58
Subtotal Task 3.2B:			\$	7,382.58

Subtotal 3.2: \$ 7,382.58

Task 4.0 - Maintenance & Asset Management

Task 4.3A OMID Maintenance - Fund 82912, Program 149130, Account 730646

Name	Title	Hrs.	Rate/Hr.	Amount
Terry Moore	Operations Manager	24.0	\$ 145.00	\$ 3,480.00
Darrin Green	Staff Engineer	0.0	\$ 90.00	\$ -
Subtotal Task 3.3A:			\$	3,480.00

Task 4.3B NEPS Maintenance - Fund 82912, Program 149090, Account 730646

Name	Title	Hrs.	Rate/Hr.	Amount
Terry Moore	Operations Manager	46.0	\$ 145.00	\$ 6,670.00
Darrin Green	Staff Engineer	58.0	\$ 90.00	\$ 5,220.00
Darrin Green	Staff Engineer-(Overtime)	6.0	\$ 135.00	\$ 810.00

Abhishek Shah	Staff Engineer	48.0	\$	90.00	\$	4,320.00
Brandon Brochue	Designer/Drafter	0.0	\$	85.00	\$	-
Subtotal:						\$ 17,020.00
Maintenance Services (see attached invoices):						\$ 5,300.46
Subtotal Task 3.3B						\$ 22,320.46
Subtotal 3.3:						\$ 25,800.46
TOTAL AMOUNT DUE THIS INVOICE:						\$ 33,183.04

Municipal Financial Consultants
400 N. Main Street, STE 304
Milford, MI 48381-1926 US
steveb@mfc.com

Invoice 1062



Vendor #
22326

BILL TO

Oakland Macomb Interceptor
Drain District

DATE
12/19/2019

PLEASE PAY
\$15,493.55

DUE DATE
01/18/2020

DATE	ACTIVITY	DESCRIPTION	QTY	RATE	AMOUNT
11/21/2019	Services	Financial consulting fee for services rendered in connection with the sale and delivery of OMID 2019 New Money Issue - \$5,205,000	1	14,450.00	14,450.00
11/21/2019	Out of Pocket Expense	Out of pocket expenses including software subscriptions (\$100), TM3 MMD Interest Rate Data (\$350), and milage to multiple meetings (\$193.55)	1	643.55	643.55
11/21/2019	Out of Pocket Expense	Municipal Advisory Council of Michigan Fee (pass through)	1	400.00	400.00

TOTAL DUE

\$15,493.55

THANK YOU.

Fund	<u>82912</u>	Dept	<u>6010101</u>
Prog	<u>155030</u>	Acct	<u>731077</u>
Contract #	<u>5541</u>	Project	<u>1-3085</u>
Chap 20/21	<u>21</u>	Op Unit	<u>ADM</u>
Approver	<u>[Signature] 1-2-20</u>		



NTH Consultants, Ltd.

Infrastructure Engineering and
Environmental Services

INVOICE

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

Invoice # : 5
Project : 61-190200
Invoice Group : NESPS
Invoice Date : 1/6/2020

Attention: Sid Lockhart

For Professional Services Rendered from 11/23/2019 - 12/27/2019

Additional OMID Rehabilitation Program Closeout Services and As-Needed NESPS Maintenance to Transition Tasks.

Task 01	NESPS Roof Inspection	\$10,281.00
Task 02	NESPS Spill Prevention Control and Countermeasures and Incident Prevention Plan	\$9,441.00

Preliminary Budget Amount	\$19,722.00
Percent Complete:	77.56%

Analysis of Costs		This Invoice	Cumulative
Direct Salaries		\$ 494.88	\$ 4,703.17
Overhead %	188.00	930.56	8,841.96
Total Regular Labor Expense		1,425.54	13,545.13
Premium Labor Cost		0	0
Total Direct Labor		1,425.54	13,545.13
Profit / Fixed Fee %	12.00	171.06	1,625.42
Direct Expenses Charge		18.57	119.49
Expense Multiplier %	5.00	0.93	5.97
Direct Subcontractor Charge		0.00	0.00
Subcontractor/Subconsultant Multiplier %	6.00	0.00	0.00
Direct Unit Rate Charge		0.00	0.00
Total Other Direct Charges Reimbursables		19.60	125.46
Total Costs:		1,616.10	15,296.01
Total Due This Invoice		\$ 1,616.10	\$ 15,296.01

Fund	02912	Dept	6010101
Prog	149662	Acct	731458
Contract #	2603	Project	1-2842
Chap 20/21	21	Op Unit	std
Approver			

li: 24138
exp: 12/31/21
v: 4716

REMIT TO: NTH Consultants, Ltd. - 41780 Six Mile Road - Suite 200 - Northville MI - 48168-3459
Please include Project No. and Invoice No. on remittance.

TERMS: Due upon receipt. One percent (1%) interest per month charged on invoices over 30 days old.

Payment for all invoices is expected as per contract terms. All retainers are held and applied to final invoice for a project. Checks will be issued for any amounts collected as retainers that exceed the final invoice. Call 248-553-6300 with questions.



NTH Consultants, Ltd.

Infrastructure Engineering and
Environmental Services

INVOICE

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

Attention: Sid Lockhart

Invoice #: 7
Project: 61-190078
Invoice Group: NI-EA
Invoice Date: 1/6/2020

For Professional Services Rendered from 11/23/2019 - 12/27/2019

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

Task 01	Project Management	\$276,169.00
Task 02	Condition Assessment	\$241,609.00
Task 03	Subsurface Utility Engineering	\$66,679.00
Task 04	Basemap Survey	\$89,327.00
Task 05	Geotechnical Investigation	\$134,797.00
Task 06	Environmental Study	\$60,642.00
Task 07	Basis of Design	\$379,786.00
Task 08	Rehabilitation Design	\$282,099.00
Task 09	Contract Drawings	\$236,070.00
Task 10	Contract Specifications	\$188,178.00
Task 11	Construction Costs	\$27,761.00
Task 12	Permits & Coordination	\$26,666.00
Task 13	Bidding Assistance	\$198,402.00

Preliminary Budget Amount \$2,205,083.00
Percent Complete: 24.11%

Fund	82912	Dept	6010101
Prog	149667	Acct	730639
Contract #	2603	Project	1-3019
Chap 20/21	21	Op Unit	eng/en
Approver			

li: 24138
exp: 12/31/21
v: 4714

Analysis of Costs		This Invoice	Cumulative
Direct Salaries		\$ 11,666.78	\$ 97,080.73
Overhead %	188.00	21,933.65	182,511.80
Total Regular Labor Expense		33,600.33	279,592.53
Premium Labor Cost		0	0
Total Direct Labor		33,600.33	279,592.52
Profit / Fixed Fee %	12.00	4,032.04	33,551.09
Direct Expenses Charge		499.84	18,103.02
Expense Multiplier %	5.00	24.99	905.15
Direct Subcontractor Charge		24,325.19	188,191.68
Subcontractor/Subconsultant Multiplier %	6.00	1,459.52	11,291.51
Direct Unit Rate Charge		0.00	0.00
Total Other Direct Charges Reimbursables		26,309.64	218,491.36
Total Costs:		63,941.91	631,634.98
Total Due This Invoice		\$ 63,941.91	\$ 531,634.98

REMIT TO: NTH Consultants, Ltd. - 41780 Six Mile Road - Suite 200 - Northville MI - 48168-3459
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NTH Consultants, Ltd.

Infrastructure Engineering and
Environmental Services

INVOICE

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

Invoice # : 11
Project : 61-190044
Invoice Group : REPAIRS
Invoice Date : 1/6/2020

Attention: Sid Lockhart

For Professional Services Rendered from

11/23/2019 - 12/27/2019

OMID System Immediate Repairs

AMP/Inspection Reports (Task 01)	\$4,587.37
Rehabilitation Design (Task 02)	\$71,817.81
Construction Observation (Task 03)	\$15,730.82
	<u>\$91,936.00</u>

Analysis of Costs	This Invoice	Cumulative
Direct Salaries (Task 01 & 02)	\$ 314.63	\$ 20,861.05
Overhead %	188.00 591.50	39,218.77
Total Regular Labor Expense	606.13	60,079.82
Premium Labor Cost	0	0
Total Direct Labor	906.13	60,079.82
Profit / Fixed Fee %	12.00 108.74	7,209.57
Direct Expenses Charge	32.04	215.88
Expense Multiplier %	5.00 1.60	60.79
Direct Subcontractor Charge	677.60	8,227.75
Subcontractor/Subconsultant Multiplier %	5.00 43.88	411.41
Direct Unit Rate Charge		0.00
Total Other Direct Charges Reimbursables	955.02	8,915.63
Total Costs:	1,969.89	76,205.02
Total Due This Invoice	\$ 1,969.89	\$ 76,205.03

Fund	82912	Dept	6010101
Prog	149662	Acct	730639
Contract #	2003	Project	1-3015
Chap 20/21	21	Op Unit	englon
Approver			

ii: 24138
exp. 12/31/21
V. 4716

REMIT TO: NTH Consultants, Ltd. - 41780 Six Mile Road - Suite 200 - Northville MI - 48168-3459
Please include Project No. and Invoice No. on remittance.

TERMS: Due upon receipt. One percent (1%) interest per month charged on invoices over 30 days old.

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NTH Consultants, Ltd.

Infrastructure Engineering and
Environmental Services

INVOICE

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

Invoice #: 16
Project: 61-180419
Invoice Group: NI-EA
Invoice Date: 1/6/2020

Attention: Sid Lockhart

For Professional Services Rendered from

11/23/2019 - 12/27/2019

NI-EA Lining Options and Study

NI-EA Lining Study Options and Evaluation (Task 01)

\$126,744.00

\$126,744.00

Analysis of Costs

This Invoice

Cumulative

Direct Salaries (Task 01)

\$ 0.00

\$ 28,680.22

Overhead %

188.00 0.00

53,918.81

Total Regular Labor Expense

0.00

82,599.03

Premium Labor Cost

0

0

Total Direct Labor

0.00

82,599.03

Profit / Fixed Fee %

12.00 0.00

9,911.90

Direct Expenses Charge

0.00

455.15

Expense Multiplier %

5.00 0.00

22.76

Direct Subcontractor Charge

1,872.50

23,102.85

Subcontractor/Subconsultant Multiplier %

5.00 93.63

1,155.13

Direct Unit Rate Charge

0.00

0.00

Total Other Direct Charges Reimbursables

1,966.13

24,735.89

Total Costs:

1,966.13

117,246.82

Total Due This Invoice

\$ 1,966.13

\$ 117,246.82

Fund	24915	Dept	6010101
Prog	149015	Acct	730639
Contract #	2603	Project	1-2232
Chap 20/21	21	Op Unit	englon
Approver			

11 24138
exp 12/31/21
✓ 471W

REMIT TO: NTH Consultants, Ltd. - 41780 Six Mile Road - Suite 200 - Northville MI - 48168-3459
Please include Project No. and Invoice No. on remittance.

TERMS: Due upon receipt. One percent (1%) interest per month charged on invoices over 30 days old.

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NTH Consultants, Ltd.

Infrastructure Engineering and
Environmental Services

INVOICE

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

Invoice # : 3
Project : 61-190306
Invoice Group : NESPS
Invoice Date : 1/6/2020

Attention: Sid Lockhart

For Professional Services Rendered from 11/23/2019 - 12/27/2019

Additional OMID Construction Material Testing Services for the Northeast Sewage Pump Station Odor/Corrosion Control System Project

Task 01 NESPS Construction Material Testing \$32,862.00

Preliminary Budget Amount \$32,862.00
Percent Complete: 63.33%

Analysis of Costs		This Invoice	Cumulative
Direct Salaries		\$ 408.86	\$ 5,021.15
Overhead %	188.00	768.66	8,439.77
Total Regular Labor Expense		1,177.52	14,460.92
Premium Labor Cost		0	0
Total Direct Labor		1,177.52	1,177.52
Profit / Fixed Fee %	12.00	141.30	1,735.31
Direct Expenses Charge		161.90	4,395.23
Expense Multiplier %	5.00	8.10	219.77
Direct Subcontractor Charge		0.00	0.00
Subcontractor/Subconsultant Multiplier %	6.00	0.00	0.00
Direct Unit Rate Charge		0.00	0.00
Total Other Direct Charges Reimbursables		170.00	4,615.00
Total Costs:		1,488.82	20,811.23
Total Due This Invoice		\$ 1,488.82	\$ 20,811.23

Fund 04915 Dept 6010101
Prog 149015 Acct 731900
Contract # 2003 Project 12708
Chap 20/21 2 Op Unit Std
Approver

ii: 24138
exp: 10/31/21
v: 4714

REMIT TO: NTH Consultants, Ltd. - 41780 Six Mile Road - Suite 200 - Northville MI - 48168-3459
Please include Project No. and Invoice No. on remittance.

TERMS: Due upon receipt. One percent (1%) interest per month charged on invoices over 30 days old.

Payment for all invoices is expected as per contract terms. All retainers are held and applied to final invoice for a project. Checks will be issued for any amounts collected as retainers that exceed the final invoice. Call 248-553-6300 with questions.



We Bring Home Peace of Mind

28294 Beck Road Wixom, MI 48393

800-419-5199 FAX (248) 374-6402

www.PMTech.org

Invoice

Date

Invoice #

1/8/2020

0000132705

Bill To:

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

Site Address:

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

PO Number	Terms	Make	Model	Serial Number
contract	NET 30 DAYS	CAT		13669-05
KW	PM Tech's Other Locations		A LATE FEE of 1.5% per month, 18% per year, of the unpaid balance unpaid balance will be added to past due amounts	Remit To: 28294 Beck Road Wixom, MI 48393
1825	2385 Wilshire Drive Jenison, MI 49428 1695 Dalton Drive New Carlisle, OH 45344			

DESCRIPTION	QTY	PRICE EACH	AMOUNT
Service Call - Ceiling mounted heater in generator control room is not functioning. Report to site to diagnose - if required, remove heater from site and bring back to shop so a replacement can be sourced.	1.00	185.00	185.00
Labor	1.17	115.00	134.55

12/9/19

Fund	82912	Dept	6010101
Prog	149090	Acct	7306000
Contract #	5821	Project	1
Chap 20/21	21	Op Unit	
Approver			

Visa, Master Card, Discover or American Express	3% processing fee added to total over \$2,000	Subtotal	\$319.55
Sign: _____	Inv # _____	Sales Tax	\$0.00
Card #: _____		Balance Due	\$319.55
Exp Date: _____	Security Code: _____	This Invoice is for the Services mentioned above only, if other repair work was completed it will be invoiced separately.	
Conditions of Sale and Limitations of Liability are on back of invoice. Warranty Disclaimer: parts and labor not covered by the manufacturer's written warranty are the owner's responsibility to reimburse PM Technologies for reasonable costs incurred		Please let us know how we are doing. Go to: www.reviewbuzz.com and use PM Technologies as the company name.	



Standby Generator Systems

We Bring Home Peace of Mind

Corporate - 29395 Wall St. Wixom, MI 48393
West MI - 2385 Wilshire Drive Jenison, MI 49428
Ohio - 1695 Dalton Drive, New Carlisle, Ohio 45344

Emergency : 800.419.5199

MI Fax: 248.374.6408
OH Fax: 937-315-5198

Service Report

Job Number 73288		Customer Name NORTHEAST SEWAGE PUMPING STATION			
Address 11001 EAST STATE FAIR DETROIT, MI					
Contact Name DARRIN		Phone Number/Email 586-214-5877	Date 12/9/2019	Time In 11:20 AM	Time Out 12:30 PM
Generator Make/Model GEN CONTROL CABINET	Serial Number N/A	Spec # N/A	Voltage (V) 13200	kW 1	Generator Location OUTSIDE
Engine Make/Model CAT 3516	Engine Serial 111	Spec# N/A	Engine Hours Start 0 Complete 0		Fuel Type DIESEL
SERVICE LEVEL:	SERVICE CALL	SYSTEM STATUS:		SYSTEM OPERATIONAL	
FOLLOW UP REQUIRED:	YES	QUOTE REQUIRED:		YES	
Complaint(s)/Service Requested: CONTROL					
Cause(s) of Issue: REQUESTED					
Corrective Action(s)/Work Performed: ARRIVED ON SITE, SIGNED IN, WENT TO CONTROL CABINET, FOUND THE WEST HEATER WAS WARM BUT THE FAN WASN'T BLOWING, LOCATED BREAKER, TURNED IT OFF AND REMOVED HEATER TO MATCH UP A REPLACEMENT, SPOKE WITH DARRIN AND HE WOULD LIKE TO REPLACE BOTH HEATERS DUE TO THE AGE OF THEM BOTH, WILL RETURN THE FAULTY HEATER AND MOUNTING PLATE TO THE SHOP FOR MATCHING A COMPARABLE HEATER, OR SAME MODEL REPLACEMENTS,					
Part Consumption & Part Requirement					
Parts Used:		Required Parts to Order			
NONE		2 208V 1 PHASE SPACE HEATERS/ 1 RETURNING TO SHOP			
Equipment Operational State: Recommendation(s):		Will another DT be created for this job?		YES	
I RECOMMEND REPLACING BOTH HEATERS, TRIED TO SOURCE ONE IN STOCK LOCALLY WITH NO LUCK.					
Service Technician DAVE WOOD		Date 12/9/2019	Customer/Authorized Representative DARRIN		Date 12/9/2019
Signature		Signature VERBAL			

VARNUM

ATTORNEYS AT LAW

Bridgewater Place | Post Office Box 352
Grand Rapids, Michigan 49501-0352
Telephone 616 / 336-6000 | Fax 616 / 336-7000 | www.varnumlaw.com

SUSAN M. WYNGAARDEN

EIN 38-1294924

DIRECT DIAL 616/336-6563
smwyngaarden@varnumlaw.com

TO: PNC Bank, National Association

RE: \$5,205,000 Oakland-Macomb Interceptor Drain Drainage District Bond (Limited Tax General Obligation), Series 2019, County of Oakland and County of Macomb, State of Michigan

DATE: December 19, 2019

MATTER: 366174

For bank counsel services rendered in connection with the \$5,205,000 Oakland-Macomb Interceptor Drain Drainage District Bond (Limited Tax General Obligation), Series 2019, County of Oakland and County of Macomb, State of Michigan, dated December 19, 2019

\$3,500

Fund	<u>82912</u>	Dept	<u>6010101</u>
Prog	<u>155030</u>	Acct	<u>731077</u>
Contract #		Project	<u>1-3085</u>
Chap 20/21	<u>21</u>	Op Unit	<u>ADM</u>
Approver	<u>St/Hub 1-2-20</u>		

Wire Transfer Instructions

Independent Bank
77 Monroe Center NW
Grand Rapids, Michigan 49503
ABA/Routing Number: 072402652
For Varnum, Riddering, Schmidt & Howlett LLP
Account Number: 1133219
Matter Number: 366174

#15781564

Agenda Item No. 12

Liability and Property Insurance
Policy Renewal Update

Agenda Item No. 13

Other Business

Agenda Item No. 14

Adjourn