

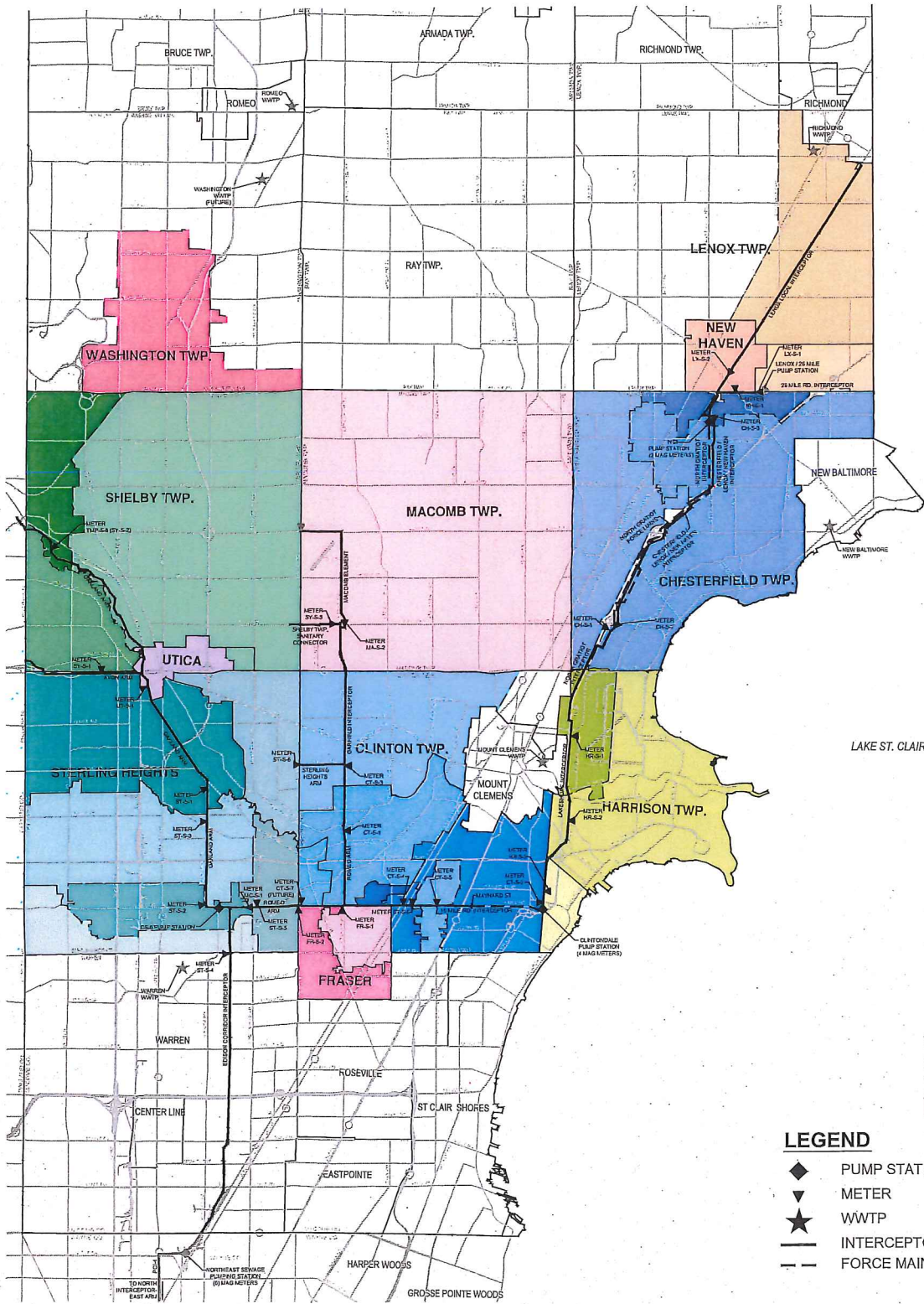
MACOMB INTERCEPTOR DRAIN  
INTRA-COUNTY DRAINAGE BOARD  
SEPTEMBER 14, 2020  
11:30 A.M.  
AGENDA

**NOTE: THIS MEETING WILL BE HELD BY TELECONFERENCE**

**Call in Number: 1-408-418-9388**  
**Access Code: 173 370 3944**

	Page
1. Call of meeting to order and roll call	
2. Approval of Agenda for September 14, 2020	
3. Approval of Minutes for August 10, 2020	3
4. Public Participation	
5. Project Updates – Stephen Downing/Vince Astorino	
6. Owner’s Controlled Insurance Program (OCIP) Premium Update – Stephen Downing	6
Motion: To receive and file.	
7. Assignment of 2009 OMID/Macomb County Wastewater Services Agreement – Joe Viviano	11
Motion: To approve the resolution to assign the 2009 OMID Wastewater Services Agreement from Macomb County to the Macomb Interceptor Drainage District (MIDD).	
8. Consideration for approval of invoices (see attached)	13
9. Financial Report – Bruce Manning	15
10. Closed Session – Joe Viviano	
11. Board Determination on Approval of Settlement Agreement	
12. Adjourn	

# MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT



- LEGEND**
- ◆ PUMP STATION
  - ▼ METER
  - ★ WWTP
  - INTERCEPTOR
  - - - FORCE MAIN



**Candice S. Miller**  
 MACOMB COUNTY PUBLIC WORKS COMMISSIONER



An adjourned meeting of the Intra-County Drainage Board for the **MACOMB INTERCEPTOR DRAIN** was held via telephone conference per the State of Michigan Executive Order due to the COVID-19 pandemic, on August 10, 2020, at 10:52 A.M.

PRESENT: Candice S. Miller, Chair  
Robert Mijac, Member

ABSENT: Bryan Santo, Member

ALSO PRESENT: Brian Baker, Chief Deputy, Stephen Downing, Construction & Maintenance Manager, Bruce Manning, Financial Manager, Tom Stockel, Construction Engineer, Jeff Bednar P.E., Environmental Resources Manager, Vince Astorino, Operations & Flow Manager, Kellie Kource, Drain Account Specialist, Karen Czernel, Deputy, Norb Franz, Communications Manager, Denise Harwood, Accountant, Macomb County Public Works; Richard Gorney

The meeting was called to order by the Chair, Candice Miller. A motion was made by Mr. Mijac, supported by Ms. Miller to approve the agenda as presented.

Adopted: YEAS: 2  
NAYS: 0

Minutes of the meeting of July 13, 2020 were presented. A motion was made by Mr. Mijac, supported by Ms. Miller to approve the minutes as presented.

Adopted: YEAS: 2  
NAYS: 0

Mr. Downing updated the board that Phase II grouting is making good progress. Segment 5 rehab will be proceeding in September. The drop shaft rehab project is underway, and we are working through some proposed modifications.

Mr. Astorino updated the board that the pilot program for COVID testing is now fully operational. The first sample was sent to the lab and should have results soon. The plan is to sample 2 days a week.

A motion was made by Mr. Mijac, supported by Ms. Miller to receive and file the project updates by Mr. Astorino and Mr. Downing.

Adopted: YEAS: 2  
NAYS: 0

Mr. Downing updated the board that in gearing up to begin Segment 5 work we went through the negotiation process with FKE for contract administration and have come to an agreement.

A motion was made by Mr. Mijac, supported by Ms. Miller to approve the Segment 5 Construction Contract Administration proposal from FK Engineering at a not to exceed cost of \$2,528,703 (MIDD costs \$2,439,156), authorize a change order to the FKE design contract for this work, and authorize an amendment to the OMID cost sharing agreement allocating a not to exceed cost of \$89,547 for the OMID reach of the interceptor.

Adopted: YEAS: 2  
NAYS: 0

Mr. Downing updated the board that we initiated an agreement with Meadowbrook insurance for an OCIP program back in February for several upcoming projects. Approving this motion locks in the insurance at the current rates for the upcoming projects.

A motion was made by Mr. Mijac, supported by Ms. Miller to authorize the Board Chair to bind the Builder's Risk, Contractor's Pollution Liability, and Owner's Protective Professional Liability insurance for the Segment 5 and Segment 6 projects through Meadowbrook Insurance Agency (MIA) for an amount not to exceed \$338,140 and the General Liability and Excess Liability insurance coverage for Segment 5 through MIA for an amount not to exceed \$551,759.

Adopted: YEAS: 2  
NAYS: 0

The Chair presented the invoices totaling \$4,834,868.30 to the board for review and approval.

A motion was made by Mr. Mijac, supported by Ms. Miller to approve the invoices as presented.

Adopted: YEAS: 2  
NAYS: 0

A motion to receive and file the financial report given by Mr. Manning was made by Mr. Mijac and supported by Ms. Miller.

Adopted: YEAS: 2  
NAYS: 0

The meeting was opened to public participation, and Richard Gorney addressed the board regarding concerns over the Gibson Drain becoming extremely high during a rainfall event, sediment accumulation, and overgrowth over time. Mr. Bednar addressed Mr. Gorney and explained that Public Works had been contacted by the City of Sterling Heights a year ago regarding the concerns of the drain. We are currently working on an agreement with Sterling Heights, Rochester Hills, and Troy to have funding available to correct the problem, and maintain the drain in the future.

There being no further business, it was moved by Mr. Mijac, supported by Ms. Miller, that the meeting of the Macomb Interceptor Drain Board be adjourned.

Adopted: YEAS: 2  
NAYS: 0

The meeting was adjourned at 11:33 a.m.



Candice S. Miller, Chair  
Macomb County Public Works Commissioner

STATE OF MICHIGAN  
COUNTY OF MACOMB

I certify that the foregoing is a true and correct copy of proceedings taking by the Intra-County Drainage Board for the Drainage District shown on the attached set of minutes, on August 10, 2020 the original of which is on file in the Public Works Commissioner's Office. Public notice of the meeting was given pursuant to Act No. 267, Public Acts of Michigan, 1975, including, in the case of a special or rescheduled meeting or a meeting secured for more than 36 hours, notice by posting at least 18 hours prior to the time set for the meeting.



Candice S. Miller, Chair  
Macomb County Public Works Commissioner

DATED: 8/10/20



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

To: Macomb Interceptor Drain Drainage District Board Members

From: Stephen Downing, Construction & Maintenance Manager

Date: September 9, 2020

Subject: Owner Controlled Insurance Program (OCIP) Premium Update

The Macomb Interceptor Drain Drainage District and 8 ½ Mile Relief Drain authorized the Board Chair to bind insurance coverage for the less than or equal to the estimates provided by Meadowbrook Insurance Agency (MIA) at the August 10, 2020 Drain Board meetings. The memos have been attached for reference.

On August 26, 2020 MIA submitted a revised proposal with premiums that came in approximately 14% lower than the previous estimate. MIA secured better coverage for less cost in the final round of negotiations with the insurance carriers. The table below summarizes the final premium cost for each of the respective coverages. The final summary of premium costs from MIA is attached for reference.

	(Rounded)	Seg 5	Seg 6	8 1/2 Mile
Cost Allocation / Project	Premium Estimates	45%	36%	19%
Primary GL	\$124,222			
5M x P	\$84,145			
5M x 5M	\$49,092			
10M x 10M	\$70,216			
15M x 20M	\$67,957			
15M x 35M	\$51,250			
Liability Subtotal	\$446,882	\$446,882		
BR	\$199,957	\$102,705	\$82,164	\$43,364
CPL	\$57,254	\$25,764	\$20,611	\$10,878
OPPI	\$131,968	\$59,386	\$47,508	\$25,074
BR, CPL & OPPI Subtotal	\$389,179	\$175,131	\$140,104	\$73,944
Grand Total	\$836,061	\$622,013	\$140,104	\$73,944

The action is that the Macomb Interceptor Drain Drainage District Board receive and file the updated premiums detailed in the Meadowbrook Insurance Agency proposal for General/Excess Liability insurance coverage for Segment 5 Rehabilitation for the amount of \$446,882, which is \$104,877 less than the amount authorized in the August 10, 2020 Drain Board meeting.

The action is that the Macomb Interceptor Drain Drainage District Board receive and file the updated premiums detailed in the Meadowbrook Insurance Agency proposal for Builder's Risk, Contractor's Pollution Liability and Owner's Protective Professional Liability insurance coverage for Indemnity for Segment 5 and Segment 6 Rehabilitation projects for the amount of \$315,235, which is \$22,904 less than the amount authorized in the August 10, 2020 Drain Board meeting.

Attachments: Meadowbrook Insurance Agency Proposal  
August 10, 2020 OCIP Premium Memo

## Macomb County Public Works Premium Summary

INSURANCE POLICIES	Projects Covered	PROPOSED PREMIUM
General Liability <b>Everest Indemnity Insurance Co.</b>	- Romeo Arm Segment 5 Rehab	\$124,222.45
Excess Liability \$5M X Primary <i>Everest Indemnity Insurance Co.</i>	- Romeo Arm Segment 5 Rehab	84,145.05
Excess Liability \$5M X \$5M <i>Navigator Specialty Insurance Co.</i>	- Romeo Arm Segment 5 Rehab	49,092.38
Excess Liability \$10M X \$10M <i>Capitol Specialty Insurance Corp.</i>	- Romeo Arm Segment 5 Rehab	70,216.88
Excess Liability \$15M X \$20M <i>Endurance American Specialty Ins. Co.</i>	- Romeo Arm Segment 5 Rehab	67,957.50
Excess Liability \$15M X \$35M <i>Liberty Surplus</i>	- Romeo Arm Segment 5 Rehab	51,250.00
Builder's Risk <i>Chubb - ACE American</i>	- Romeo Arm Segment 5 Rehab - 15 Mile Interceptor Segment 6 Rehab - 8 ½ Mile Relief In-System Storage	199,957.00
Contractor's Pollution Liability <i>AIG Specialty Insurance Company</i>	- Romeo Arm Segment 5 Rehab - 15 Mile Interceptor Segment 6 Rehab - 8 ½ Mile Relief In-System Storage	57,254.45
Owners Protective Professional Indemnity <i>Bentley Assurance Company</i>	- Romeo Arm Segment 5 Rehab - 15 Mile Interceptor Segment 6 Rehab - 8 ½ Mile Relief In-System Storage	131,968.75
<b>TOTAL</b>		<b>\$836,064.46</b>





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

To: Macomb Interceptor Drain Drainage District Board Members

From: Stephen Downing, Construction & Maintenance Manager

Date: August 6, 2020

Subject: Owner Controlled Insurance Program (OCIP) Premium Recommendation

The Macomb Interceptor Drain Drainage District and 8 ½ Mile Relief Drain engaged with Meadowbrook Insurance Agency (MIA) in February 2020 to provide the services required to procure and manage an Owner Controlled Insurance Program (OCIP) for upcoming CIP projects. MIA has assisted the MCPWO Engineering staff with development of the OCIP specific contract documents for construction projects and have developed a comprehensive insurance program to obtain pricing from insurance carriers. In addition to setting coverage limits for the required coverages, MIA has developed a project specific profile of each project, collecting the required information to solicit premium costs from insurance carriers. To obtain the most competitive premiums, MIA worked extensively with both MCPWO staff Engineers and each of the project's respective lead engineering consultants.

The first of three projects included in this OCIP, MIDDD Segment 5 rehabilitation, is scheduled to start in September 2020. The other two projects, MIDDD Segment 6 Rehabilitation and 8 ½ Mile Relief Drain In-system Storage, are currently slated to start construction in May 2021. This presents a need to split procurement of the General Liability and Excess Liability coverages into separate programs due to the insurance carriers' inability to provide accurate premium cost prior to the prime contractor being selected for the work. The Builder's Risk, Contractor's Pollution Liability and Owner's Protective Professional Liability Indemnity coverages are independent of the prime contractor selected for the work; therefore, these coverages will remain bundled in a single program.

The benefit of procuring the Builder's Risk, Contractor's Pollution Liability and Owner's Protective Professional Liability Indemnity coverages now for the entire program is that the premiums are locked in for the duration of the 42-month program. The premiums for each of these three coverages are a one-time cost. If we wait to bid these coverages for the two projects starting in 2021, we risk the premiums increasing, which is expected in the current market.

MIA provided a proposal summarizing the insurance premiums for each of the coverages required to provide a comprehensive and protective OCIP. The MIA proposal is attached for reference. The deadline to bind coverage for the Segment 5 Rehabilitation is September 1, 2020. MIA will continue negotiating with insurance carriers until August 20<sup>th</sup>, 2020 to secure the least expensive premium costs. The final proposal will be submitted on August 20<sup>th</sup>, 2020 for review. The Owner will authorize MIA to bind coverage by August 25<sup>th</sup>, 2020 to meet the September 1<sup>st</sup>, 2020 deadline for effective coverage. The final premium costs will be equal to or less than what is presented in the attached proposal. The table below summarizes the current premium cost estimates for each project.

**OFFICE LOCATION:** 21777 Dunham Road, Clinton Township, Michigan 48036 • Phone: 586-469-5325 • Fax: 586-469-5933  
**MAILING ADDRESS:** P. O. Box 806, Mt. Clemens, Michigan 48046-0806  
**ENGINEERING** • Phone: 586-469-5910 • Fax: 586-469-7693 ♦ **SOIL EROSION** • Phone: 586-469-5327 • Fax 586-307-8264

		Seg 5	Seg 6	8 1/2 Mile
Cost Allocation / Project	Premium Estimates	45%	36%	19%
GL / Excess 25M	\$129,138			
5M x P	\$84,665			
10M x 5M	\$109,038			
10M x 15M	\$71,594			
Subtotal	\$394,434	\$394,434		
BR	\$228,234	\$102,705	\$82,164	\$43,364
CPL	\$57,254	\$25,764	\$20,611	\$10,878
OPPI	\$131,968	\$59,386	\$47,508	\$25,074
	\$417,456	\$582,289	\$150,284	\$79,317
Subtotal	\$811,890			
Option 25M x 25M	\$157,325	\$157,325	N/A	N/A
Total at 50M excess limits	\$969,215	\$739,614	N/A	N/A
Grand Total	\$969,215	\$739,614	\$150,284	\$79,317

The recommendation is that the Macomb Interceptor Drain Drainage District Board authorize the Board Chair to authorize Meadowbrook Insurance Agency to bind insurance coverage for Builder's Risk, Contractor's Pollution Liability and Owner's Protective Professional Liability Indemnity for Segment 5 and Segment 6 for the amount equal to or less than \$338,139.

The recommendation is that the Macomb Interceptor Drain Drainage District Board authorize the Board Chair to authorize Meadowbrook Insurance Agency to bind insurance coverage for General Liability and Excess Liability for Segment 5 Rehabilitation for the amount equal to or less than \$551,759.

Attachments: Meadowbrook Insurance Agency Proposal

**ASSIGNMENT OF WASTEWATER SERVICES AGREEMENT**

- A. On October 1, 2009, the Oakland-Macomb Interceptor Drain Drainage District (“Drainage District”), a Michigan drainage district formed under Chapter 21 of the Drain Code of 1956, and the County of Macomb (“County”), by and through its County Agency under Act 342, entered into an agreement entitled Wastewater Services Agreement Between Oakland-Macomb Interceptor Drain Drainage District and County of Macomb, which was amended by a Settlement and Release Agreement made as of November \_\_, 2017 (the October 1, 2009 agreement, as amended, is referred to herein as the “Agreement”).
- B. Drainage District owns and operates the Oakland-Macomb Interceptor Drain (“OMID”). Subsequent to October 1, 2009, the Macomb Interceptor Drain Drainage District (“MIDDD”) was formed under Chapter 20 of the Drain Code of 1956 to acquire, own, and operate the Macomb Interceptor Drain (“MID”). The MIDDD is a distinct legal entity from County.
- C. The MID flows into the OMID. The member communities of the MIDDD rely upon Drainage District for wastewater services. The MIDDD pays the amounts due to the Drainage District under the Agreement. The remainder of County’s residents do not utilize the OMID, do not rely upon Drainage District for wastewater services, and do not pay for Drainage District’s services.
- D. In order to more accurately reflect the relations between the parties, County has agreed to assign the Agreement to MIDDD, the MIDDD has agreed to accept the assignment, and Drainage District has agreed to consent to the assignment.
- E. Paragraph 31 of the Agreement allows County’s rights under the Agreement to be assigned, subject to the Drainage District’s consent, which shall not be unreasonably withheld.

WHEREFORE:

- 1. County assigns all of its rights and obligations under the Agreement to the MIDDD (the “Assignment”), and the MIDDD accepts the Assignment.
- 2. Drainage District consents to the Assignment.
- 3. County has authority to make the Assignment through its County Agency. By executing this Assignment, the undersigned confirm that the respective drain boards of Drainage District and the MIDDD have approved the Assignment.
- 4. This Assignment will be effective as of October \_\_, 2020.

[SIGNATURES ON FOLLOWING PAGE]

**COUNTY OF MACOMB**

By its County Agency

By: \_\_\_\_\_  
Candice S. Miller  
Macomb County Public Works Commissioner

**MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT**

By: \_\_\_\_\_  
Candice S. Miller  
MIDDD Board Chairperson

**OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT**

By: \_\_\_\_\_  
Michael Gregg  
OMIDDD Board Chairperson

MACOMB INTERCEPTOR DRAIN 8/11/20 - 9/8/20

<u>Funding Source</u>	<u>Apportionment</u>	<u>Manager</u>	<u>Vendor</u>	<u>Amount</u>	<u>Invoice Detail</u>	<u>Project Summary</u>	<u>Project Balance</u>
Macomb Interceptor Drain	Chapter 20 Chesterfield - 7.2499% Clinton - 21.2506% Fraser - 4.0512% Harrison - 6.4207% Lenox - 1.0638% Macomb - 13.9606% New Haven - 8226% Shelby - 9.9057% Sterling Heights - 30.9081% Utica - 1.5918% Washington - 2.7751%	Astorino	ADS Environmental Services	\$ 10,880.00	Invoice #35414-020A - 6.27.20	Meter Maintenance - 5.1.20 - 5.31.20	\$ 446,550.00
		Baker	Aloia & Associates, P.C.	\$ 1,292.00	Invoice #20230 - 7.1.20	Sale of 45345 Garfield	\$
		Downing	Anderson, Eckstein & Westrick	\$ 892.50	Invoice #127317 - 7.31.20	Dropshaft & Sewer Rehabilitation	\$ 164,625.15
		Astorino	Anderson, Eckstein & Westrick	\$ 33,509.45	Invoice #127237 - 7.29.20	Engineering Oversight - Phase 2 Grouting	\$ 328,125.45
		Astorino	Anderson, Eckstein & Westrick	\$ 19,077.25	Invoice #127699 - 9.2.20	Engineering Oversight - Phase 2 Grouting	\$ 309,048.20
		Astorino	CH2M Hill Engineers, Inc.	\$ 3,419.95	Invoice #707997CH020 - 8.4.20	Odor & Corrosion Study	\$ 7.46
		Astorino	City of Mt. Clemens	\$ 13,408.17	Invoice #28001527 - 6.30.20	June Sewage Flow	\$
		Astorino	Cortis Brothers Trucking	\$ 5,800.00	Invoice #7958 - 8.18.20	Tank Removal - 21/Garfield	\$
		Astorino	Cortis Brothers Trucking	\$ 5,800.00	Invoice #7959 - 8.18.20	Tank Removal - 18/Garfield	\$
		Downing	Doetsch	\$ 243,342.05	Invoice #71298 - 6.27.20	Phase 2 Grouting	\$ 2,087,869.85
		Downing	Doetsch	\$ 255,635.10	Invoice #71343 - 8.31.20	Phase 2 Grouting	\$ 1,832,234.75
		Astorino	DTE Energy	\$ 1,198.65	Invoice #20-378 - 8.3.20	Monthly Electric - 7.1.20 - 7.31.20	\$
		Astorino	DTN, LLC	\$ 762.00	Invoice #5788052 - 7.24.20	Storm Sentry	\$
		Astorino	Fishbeck	\$ 9,993.00	Invoice #394215 - 8.17.20	Waste Water Master Plan	\$ 477,240.95
		Downing	FK Engineering Associates	\$ 28,877.59	Invoice #20-058-003 - 7.15.20	Segment 6 Rehabilitation	\$ 353,645.38
		Astorino	FK Engineering Associates	\$ 22,920.12	Invoice #19-134-009 - 8.26.20	Segment 5 Engineering Design	\$ 7,307.72
		Manning	Great Lakes Water Authority	\$ 511.01	Invoice #20-429 - 8.28.20	Industrial Metal Coating (Pass-through)	\$
		Astorino	Howard T Moriarty	\$ 2,897.50	Invoice #13730 - 8.13.20	Traffic Arrow Board	\$ 1,059,740.50
		Downing	Inland Waters	\$ 87,665.85	Invoice #WO18330 Est 1 - 9.3.20	Drop Shaft Meter Rehab	\$
		Baker	KHVPP, PLC	\$ 2,031.25	Invoice #45072 - 8.1.20	General Matters - July 2020	\$
		Astorino	Macomb County Treasurer	\$ 1,922.00	Invoice #674293 - 8.18.20	2014 Ford Explorer Repair - Steve Downing	\$
		Astorino	Motor City Electric Technologies	\$ 585.00	Invoice #93145 - 7.29.20	Meter Pit COVID Sampling - COVID funds	\$
		Downing	NTH Consultants, Ltd.	\$ 15,401.22	Invoice #623460 - 8.18.20	Drop Shaft Meter Rehab	\$ 143,043.77
Astorino	Premier Safety	\$ 533.50	Invoice #04182287 - 7.30.30	Gloves/Coveralls	\$		
Sucharski	Verizon Wireless	\$ 838.81	Invoice #9859347523 - 7.23.20	Monthly Cell - 6.24.20 - 7.23.20	\$		
Sucharski	Verizon Wireless	\$ 688.29	Invoice #9859347523 - 7.23.20	Monthly Cell - 6.24.20 - 7.23.20 - Equipment Fund	\$		
Sucharski	Verizon Wireless	\$ 1,045.77	Invoice #9861406772 - 8.23.20	Monthly Cell - 7.24.20 - 8.23.20 - Equipment Fund	\$		
Sucharski	Verizon Wireless	\$ 622.21	Invoice #9861406772 - 8.23.20	Monthly Cell - 7.24.20 - 8.23.20	\$		
Astorino	Cintas Fire	\$ 828.37	Invoice #0D26584160 - 7.22.20	Annual Inspections of Fire Extinguishers	\$		
Astorino	City of Fraser	\$ 1,706.81	Invoice #20-396 - 7.23.20	Monthly Water - 6.22.20 - 7.22.20	\$		

MACOMB INTERCEPTOR DRAIN 8/11/20 - 9/8/20

Funding Source	Apporionment	Manager	Vendor	Amount	Invoice Detail	Project Summary	Project Balance
Clintondale P.S.		Astorino	Clinton Township Treasurer	\$ 2,953.41	Invoice #20-385 - 7.31.20	Water and Sewer - 6.23.20 - 7.28.20	
		Astorino	DTE Energy	\$ 16,660.44	Invoice #20-392 - 8.3.20	Monthly Electric - 7.2.20 - 8.3.20	
		Astorino	McNaughton-McKay Electric	\$ 819.19	Invoice #20753614-00 - 8.19.20	Filter Fans	
15 Mile Sinkhole		Baker	Aloia & Associate, P.C.	\$ 3,185.00	Invoice #20237 - 7.1.20	MIDD vs. 3 Contractors	
		Baker	KHVPP, PLC	\$ 26,737.50	Invoice #45073 - 8.1.20	Water Hammer Lawsuits	
		Baker	N1 Discovery, LLC	\$ 3,540.00	Invoice #N1D5073 - 7.31.20	Water Hammer Lawsuit - Data Coding Fee	
		Baker	N1 Discovery, LLC	\$ 4,595.00	Invoice #N1D5045 - 7.31.20	Water Hammer Lawsuit - Data Hosting Fee	
		Baker	N1 Discovery, LLC	\$ 4,595.00	Invoice #N1D5112 - 8.31.20	Water Hammer Lawsuit - Data Hosting Fee	
		Baker	Ronald P. Stroete	\$ 12,000.00	Invoice #20-427 - 8.26.20	Lawsuit Mediation	
		Baker	ADS Environmental	\$ 12,620.00	Invoice #35414-0620A - 7.25.20	Meter Maintenance 6.1.20 - 6.30.20	\$ 433,930.00
Meters		Astorino	\$ 30,995.00	Invoice #000579 - 7.29.20	ACE Phase 2 - 3 of 6 On-Boarding Fee	\$ 181,162.00	
		Astorino	\$ 30,995.00	Invoice #000587 - 9.1.20	On Boarding Fee (4 of 6)	\$ 150,167.00	
		Astorino	\$ 1,231.80	Invoice #WO9200935 - 7.30.20	Gate Bracket Repair		
NGH		Astorino	\$ 4,257,665.09	Invoice #SDS0007248-July	July Sewer Disposal		
OMID		Downing	\$ 1,000,000.00	Invoice #DSA0001745 - 8.1.20	Chesterfield Special Assessment - Prepaid Bond		
SEMSD		Astorino	\$ 2,354.00	Invoice #394228 - 8.17.20	Waste Water Master Plan	\$ 89,965.10	
<b>Total</b>				\$ 5,182,677.85			

Budget to Actual  
MIDDD  
As of Aug 31, 2020 = 17%

DESCRIPTION	2021 FINAL BUDGET	ENCUMBERED	ACTUAL	REMAINING BUDGET	PCT UTILIZED
<b>REVENUE ACCOUNTS</b>					
GLWA-OMID	47,262,993		7,878,163	39,384,831	16.7%
OMID O&M	3,828,987		638,165	3,190,823	16.7%
Settlement	100,000			100,000	0.0%
Reimbursements	225,000		74,349	150,651	33.0%
PY Revenue-Fund Balance	8,388,627			8,388,627	0.0%
Washington Twp Meter Project	47,475			47,475	0.0%
Reimb-Local Communities	13,548,089		2,258,015	11,290,074	16.7%
Interest	250,000		4,001	245,999	1.6%
<i>Total Revenue Accounts</i>	73,651,171	-	10,852,692	62,798,479	14.7%
<b>EXPENSE ACCOUNTS</b>					
GLWA-OMID	47,262,993		7,878,163	39,384,831	16.7%
OMID O&M	3,828,987		638,165	3,190,823	16.7%
Public Works Wastewater Disposal Division	1,942,127			1,942,127	0.0%
Office Operations/Insurance	309,925		24,157	285,768	7.8%
SCADA	268,889		4,272	264,617	1.6%
<b>Engineering</b>					
Meter Dye Testing 2 year contract new this year	100,000			100,000	0.0%
Data Review-Aquasight	250,000		30,995	219,005	12.4%
Replenish reserve from CPS refunding	618,680			618,680	0.0%
Design Odor and Corrosion	750,000		3,420	746,580	0.5%
Construction Project for Odor and Control	1,000,000			1,000,000	0.0%
SY-S-1,SY-S-2, WA-S-1 Construction Admin	250,000			250,000	0.0%
Segment 6 Construction Administration	875,000			875,000	0.0%
FKE Rehab analysis phase 2	84,000			84,000	0.0%
Seg 5 Construction	1,150,000			1,150,000	0.0%
Phase II Grouting	1,425,000		548,366	876,634	38.5%
GLWA Assistance	40,000			40,000	0.0%
As Needed FTCH	75,000			75,000	0.0%
As Needed FK Engineering	75,000			75,000	0.0%
As Needed Wade Trim	75,000			75,000	0.0%
As Needed Metco	125,000			125,000	0.0%
As Needed Applied Science	25,000			25,000	0.0%
As Needed Odor and Corrosion	75,000			75,000	0.0%
Seg 5 Engineering Design	374,557		48,026	326,531	12.8%
Contribution to Segment 5/Grouting	1,450,000			1,450,000	0.0%
15 Mile Inter Design East of Garfield (Segment 6)/Const Admin	625,000			625,000	0.0%
SY-S-1 & SY-S-2 Meter Design/Rehab	1,134,070			1,134,070	0.0%
Phase II Grouting	2,400,000			2,400,000	0.0%
Level Sensors/Pressure/H2S-Meters	250,000			250,000	0.0%
Wastewater Master Plan/Contract Capacity	400,000		12,347	387,653	3.1%
Washington Township meter	500,000			500,000	0.0%
Legal Services	250,000			250,000	0.0%
Clintondale PS O&M	639,500		23,302	616,198	3.6%
NGI O&M	230,000		3,108	226,892	1.4%
Meters O&M	253,470		1,564	251,906	0.6%
CS-3 O&M	226,000			226,000	0.0%
Biofilter O&M	22,500		2,452	20,048	10.9%
Contribution Life Cycle Reserve	171,700			171,700	0.0%
Interceptor O&M	1,900,000			1,900,000	0.0%
Stormwater Pump Stations	234,250		39,042	195,208	16.7%
Sewage Disposal Charges - Mt. Clemens	200,000			200,000	0.0%
Debt Service - Revenue Bonds	1,784,523		297,421	1,487,103	16.7%
<i>Total Expense Accounts</i>	73,651,171	-	9,554,798	63,221,373	13.0%

	O&M Balance 6/30/2020	O&M	Total 8/31/2020
Cash - Operating	24,226,346	1,297,894	25,524,240
Accounts Receivable			0
Assets			0
Liabilities			0
Revenues		10,852,692	10,852,692
Expenditures		9,554,798	9,554,798
Equity*	24,226,346		25,524,240

**Detail of 2020 Equity\***

Projected reserve at 6/30/2020	6,818,887
Projected Engineering Reserve	12,920,000
Projected Sinkhole Surplus	3,656,059
Life Cycle Reserve	831,400