

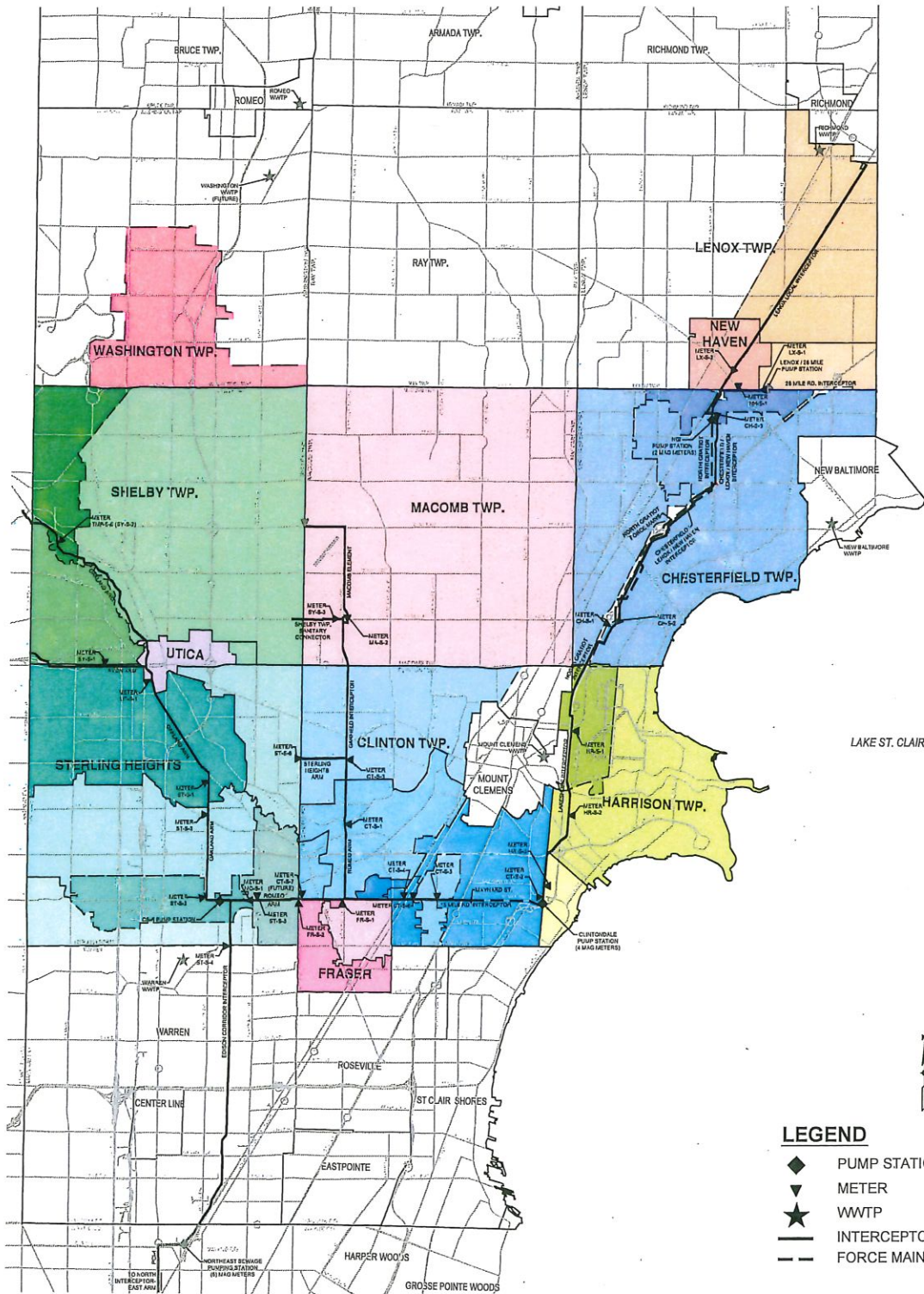
MACOMB INTERCEPTOR DRAIN
INTRA-COUNTY DRAINAGE BOARD
MAY 11, 2020
10:45 A.M.
AGENDA

NOTE: THIS MEETING WILL BE HELD BY TELECONFERENCE

Call in Number: 1-408-418-9388
Access Code: 710 147 644

	Page
1. Call of meeting to order and roll call	
2. Approval of Agenda for May 11, 2020	
3. Approval of Minutes for April 13, 2020	3
4. Public Participation	
5. Flushable Wipes Litigation – Candice Miller	
6. Project Updates – Stephen Downing/Vince Astorino	
7. Revised 2020/21 MIDD Budget – Brian Baker	6
Motion: To approve the revised 2020/21 Macomb Interceptor Drainage District (MIDD) budget and charges reflecting a 0.3% charge reduction from passing on GLWA savings and a 0.2% average charge reduction resulting from a budgeted legal cost reimbursement.	
8. Consideration for approval of invoices (see attached)	13
9. Financial Report – Bruce Manning	15
10. Adjourn	

MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT



Candice S. Miller
 MACOMB COUNTY PUBLIC WORKS COMMISSIONER

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

frch
 UPDATED: FEBRUARY 2017

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 April 13, 2020, at 10:37 A.M.

PRESENT: Candice S. Miller, Chair
Robert Mijac, Member
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, Karen Czernel, Deputy, Kellie Kource, Drain Account Specialist, Macomb County Public Works

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

Adopted: YEAS: 3
NAYS: 0

Minutes of the meeting of March 9, 2020 were presented. A motion was made by Mr. Mijac, supported by Mr. Santo to approve the minutes as presented.

Adopted: YEAS: 3
NAYS: 0

The meeting was opened to public participation, then closed, there being no comments from the public.

Mr. Downing updated the board that Segment 5 documents will be out for bid tomorrow, and we plan to bring the award of bids to the board on June 8, 2020.

The drop-shaft rehab project is behind schedule due to contractor issues due to COVID19. We have asked for clarification on when they will be able to start the work.

We began working with FK Engineering on the Segment 6 design 15 mile interceptor rehab, and are working to finalize the contracts and design.

A motion was made by Mr. Santo, supported by Mr. Mijac to receive and file the project update by Mr. Downing.

Adopted: YEAS: 3
NAYS: 0

Mr. Baker updated the board that the insurance renewal policy will have a 2% increase. We still do not have the 3 year history to get additional quotes. The cost will be split among each of the drainage districts (8.5, Martin, and MIDD). A charge of \$5,102 will be added to the cost of the policy for terrorism risk insurance.

A motion was made by Mr. Santo, supported by Mr. Mijac to approve the Chapter 20 General Liability Insurance coverage renewal with Argonaut Insurance Company in the amount of \$189,369 and \$5,102 for terrorism risk insurance (MIDD share \$186,692.16)

Adopted: YEAS: 3
NAYS: 0

Mr. Astorino updated the board that last year the board approved Phase 1 of the Aquasight project, which is running very well. We would like to begin Phase 2 to bring meter data access to all the MIDD communities. Each community will have their own access, see their own sites in real time, and get reports on their systems. It will also give access to consultants which will save us time not processing data requests. There will also be more detailed reporting and analytic features.

A motion was made by Mr. Mijac, supported by Mr. Santo to approve the proposal from Aquasight in the amount of \$258,233 for sewer data meter analytics software development and three-year maintenance agreement.

Adopted: YEAS: 3
NAYS: 0

Mr. Baker updated the board on the proposal 2020/21 MIDD Budget. There will be an average 3.5% increase, which is our second lowest rate increase in the last 10 years.

A motion was made by Mr. Santo, supported by Mr. Mijac to approve the 2020/21 Macomb Interceptor Drainage District (MIDD) budget and charges.

Adopted: YEAS: 3
NAYS: 0

The Chair presented the invoices totaling \$18,817,403.35 to the board for review and approval.

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

Adopted: YEAS: 3
NAYS: 0

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

Adopted: YEAS: 3
NAYS: 0

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

Adopted: YEAS: 3
NAYS: 0

The meeting was adjourned at 10:55 a.m.

Candice S. Miller

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 April 13, 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

Candice S. Miller, Chair
Macomb County Public Works Commissioner

DATED: 4/13/20

Macomb Interceptor Drain Drainage District
REVISED FY 2021 Budget & Charges
Subsequent Actions

May 11, 2020

GLWA Savings

On April 22, 2020, the Great Lakes Water Authority (GLWA) approved a three month delay to its previously approved wholesale sewer increase for fiscal year 2021. This action results in a reduction to the approved MIDD costs and charges on April 13, 2020 of \$261,855. In order to pass these savings on to the MIDD communities and their customers effective July 1, 2020, we need to revise the MIDD budget. The savings will result in a 0.3% reduction to the previously adopted MIDD charges. The average sewer charge increase will decline from a 3.5% to a 3.2% adjustment – the second lowest increase in the past 10 years.

Legal Cost Reimbursement

On April 29, 2020, the Michigan Supreme Court denied Sterling Heights' application for leave to appeal the October 1, 2019 Court of Appeals ruling in favor of the MIDD. Sterling Heights was the only MIDD community to challenge the 2016 sinkhole assessment and attempt to force the MIDD to sue Macomb County.

The MIDD had to unnecessarily spend \$143,781 on legal costs defending the lawsuit and two subsequent appeals. MCPWO repeatedly informed Sterling Heights we intended to assess them these costs during both the initial case and the appeals.

The revised budget includes assigning these costs to Sterling Heights. This results in a reimbursement to the MIDD, and an offsetting charge reduction savings to the other 10 MIDD communities, further lowering their average charges for next fiscal year by 0.2%.

With both actions, the average MIDD community will see a 0.5% total reduction from the previously approved MIDD costs and charges effective July 1, 2020, while Sterling Heights will see only a 0.2% increase.

The MIDD will begin the formal assessment process for these legal operating costs under the State Drain Code subsequent to budget adoption.

Should you have any questions, please do not hesitate to contact the Macomb County Public Works Office.

**MIDD Budget
Total Sewer Charges
with Revisions**

Cost Category	Original	Revised	Change	%	%
	2020/2021 Budget	2020/2021 Budget		Change	of Total
GLWA-OMID	46,535,709	46,276,093	(259,616)	-0.6%	52.4%
GLWA CSO Program	989,139	986,900	(2,239)	-0.2%	1.1%
Total GLWA	47,524,848	47,262,993	(261,855)	-0.6%	53.5%
OMID Capital	577,334	577,334	0	0.0%	0.7%
OMID O&M	3,251,653	3,251,653	0	0.0%	3.7%
OMID New Debt (GLWA, NESPS & NIEA)	4,768,541	4,768,541	0	0.0%	5.4%
OMID Existing Debt	4,598,980	4,598,980	0	0.0%	5.2%
Total OMID	13,196,508	13,196,508	-	0.0%	14.9%
Subtotal GLWA and OMID	60,721,356	60,459,501	(261,855)	-0.4%	68.4%
MIDD Existing Debt	14,377,834	14,377,834	0	0.0%	16.3%
MIDDD New Debt (Seg 5 Included in rates)	0	0	0	0.0%	0.0%
MIDDD O&M/Charge Required Revenue	13,548,089	13,548,089	0	0.0%	15.3%
Total MIDDD	27,925,923	27,925,923	-	0.0%	31.6%
Total Budget	88,647,279	88,385,424	(261,855)	-0.3%	100%

MIDDD COMMUNITIES
Reimbursement of Legal Fees and
Showing New GLWA Savings

Cost Category	Original 2020/2021 Charge	Revised 2020/2021 Charge	Difference	% Change	Page #
1) GLWA-OMID	46,535,709	46,276,093	(259,616)	-0.6%	2
2) GLWA CSO Program	989,139	986,900	(2,239)	-0.2%	2
3) <i>Sub Total GLWA</i>	47,524,848	47,262,993	(261,855)	-0.6%	
4) OMID Capital Improvements	577,334	577,334	0	0.0%	2
5) OMID O&M	3,251,653	3,251,653	0	0.0%	2
6) <i>Sub Total OMID</i>	3,828,987	3,828,987	0	0.0%	
7) MIDDD O&M/Charge Required Revenue	13,548,089	13,548,089	0	0.0%	2,4
8) <i>Sub Total</i>	64,901,924	64,640,069	(261,855)	-0.4%	
9) OMID Existing Debt	4,598,980	4,598,980	0	0.0%	3
10) OMID New Debt (GLWA, NESPS & NIEA)	4,768,541	4,768,541	0	0.0%	3
11) MIDDD New Debt (Seg 5 Included in rates)	0	0	0	0.0%	3
12) MIDDD Existing Debt	14,377,834	14,377,834	0	0.0%	3
13) <i>Sub Total Debt(See page 3)</i>	23,745,355	23,745,355	0	0.0%	
TOTAL	88,647,279	88,385,424	(261,855)	-0.3%	

Communities	Original 2020/2021 Charge	Revised 2020/2021 Charge	Difference	% Change
Chesterfld Twp	7,032,037	6,997,945	(34,092)	-0.5%
Clinton Twp	18,042,437	17,942,585	(99,852)	-0.6%
Fraser	3,627,103	3,608,059	(19,044)	-0.5%
Harrison Twp	5,588,725	5,558,569	(30,156)	-0.5%
Lenox Twp	1,576,289	1,571,297	(4,992)	-0.3%
Macomb Twp	11,723,445	11,657,828	(65,617)	-0.6%
New Haven	1,087,182	1,083,317	(3,865)	-0.4%
Shelby Twp	8,556,473	8,509,924	(46,549)	-0.5%
Sterling Heights	27,450,964	27,513,808	62,844	0.2%
Utica	1,437,568	1,430,080	(7,488)	-0.5%
Wash Twp	2,525,056	2,512,012	(13,044)	-0.5%
TOTAL	88,647,279	88,385,424	(261,855)	-0.3%

MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT
2020-2021 SEWER CHARGES
Effective July 1, 2020

	Total Annual	% Macomb County	Allocated to Macomb City	Monthly	Five Year Rolling Average per actual consumption 7/1/2014-6/30/2019										Total	
					Chesterfield Twp	Clinton Twp	Fraser	Harrison Twp	Lenox Twp	Macomb Twp	New Haven	Shelby Twp	Sterling Heights	Utica		Wash Twp
OMIDD Charges to MIDDD					7.2499%	4.0512%	6.4207%	1.0638%	13.9606%	0.8228%	9.9057%	30.9081%	1.5918%	2.7751%	100.00%	
GLWA-OMID	68,073,100	67.98%	46,276,093	3,856,341	279,580	819,496	156,227	247,603	41,023	538,388	31,722	381,998	1,191,922	61,385	107,017	3,856,341
GLWA CSO Program	1,630,700	60.52%	986,900	82,242	5,962	17,477	3,332	5,281	875	11,481	677	8,147	25,419	1,309	2,282	82,242
GLWA Sub Total	69,703,800		47,262,993	3,938,583	285,542	836,973	159,559	252,884	41,898	549,849	32,399	390,145	1,217,341	62,694	109,299	3,938,583
OMID Capital Improvements	862,980	66.90%	577,334	48,111	3,487	10,224	1,949	3,089	512	6,717	386	4,766	14,870	766	1,335	48,111
OMID O&M	4,783,250	67.95%	3,251,653	270,971	19,644	57,583	10,978	17,398	2,883	37,829	2,229	26,842	83,752	4,313	7,520	270,971
OMID Sub Total	5,646,230		3,828,987	319,082	23,131	67,807	12,927	20,487	3,395	44,546	2,625	31,608	98,622	5,079	8,855	319,082
Total GLWA and OMID Charges	75,350,030		51,091,980	4,257,665	308,673	904,780	172,486	273,371	45,293	594,395	35,024	421,753	1,315,963	67,773	118,154	4,257,665
STORMWATER PUMP STATION O&M	234,250	100.00%	234,250	19,521	3,333	3,542	0	4,375	0	0	0	0	8,271	0	0	19,521
MIDDD Sinkhole Past Legal Costs	143,781	100.00%	143,781	11,982	0	0	0	0	0	0	0	0	11,982	0	0	11,982
MIDDD Sinkhole Legal Reimbursement ⁽¹⁾	(143,781)	100.00%	(143,781)	(11,982)	(1,258)	(3,685)	(703)	(1,113)	(184)	(2,421)	(143)	(1,718)	0	(276)	(481)	(11,982)
MIDDD O&M/Charge Required Revenue (pg 4)	13,313,839	100.00%	13,313,839	1,109,487	80,436	235,772	44,948	71,237	11,803	154,891	9,127	109,902	342,921	17,661	30,789	1,109,487
Total	88,895,119		64,640,069	5,366,673	391,184	1,140,409	216,731	347,870	56,912	746,865	44,008	529,937	1,679,137	85,158	148,462	5,366,673
O&M Total	4,694,208		13,684,908	2,600,772	4,174,440	892,943	8,962,378	528,094	6,359,242	20,149,644	1,021,896	1,781,544	64,840,069			
Debt Total	2,303,737		4,257,677	1,007,287	1,384,129	889,354	2,695,450	555,223	2,150,682	7,364,164	408,184	730,468	23,745,355			
Grand Total	6,997,945		17,942,585	3,608,059	5,558,569	1,571,297	11,657,828	1,083,317	8,509,924	27,513,808	1,430,080	2,512,012	88,585,424			

Notes
1) Used 5 year flow average without Sterling Heights



Candice S. Miller

Public Works Commissioner
Macomb County

April 24, 2020

MIDD Community Leaders

I am pleased to inform you that the Great Lakes Water Authority (GLWA) this week approved a pause in the scheduled increase of wholesale water and sewer charges. The scheduled July 1, 2020 charge adjustment will now be pushed back until October 1, 2020. This action will provide \$5.65 million of relief for community Water & Sewer Funds, as well as an opportunity to pass these savings on to your retail customers.

By delaying the effective date of its adjustment to the charges by one quarter of the fiscal year, GLWA member partners will experience a 25% percent decrease in the increase to their wholesale water and sewer costs. This decrease will allow communities the flexibility to adjust their operations and cash flows to better provide services and account for any potential lag in collections. The action also gives GLWA the ability to make necessary spending or budget adjustments over time as the future impact of the current COVID-19 pandemic is better understood.

You will be receiving additional information from GLWA shortly. In the meantime, I am requesting both the OMID and the MIDD boards update their previously approved schedule of sewer charges reflecting these savings. We would hope you pass these savings on to your customers as well. This action will lower the average increase for the year to a 3.2% sewer adjustment – the second lowest increase in the past ten years and well below the average 15% annual increases experienced from 2010 to 2016.

This pause will give your community just a little extra breathing room as we all work to determine the best way forward in these unprecedented times.

Also be reminded that recent changes to GLWA's Water Residential Assistance Program (WRAP) have recently been approved to increase participation. The income guidelines were expanded from 150% to 200% of poverty level, low income seniors and disabled residents are no longer capped at 2 years of eligibility, and renters are also now eligible for free plumbing repairs. These program changes will greatly benefit more residents especially during this time.

If you have any questions, please feel free to contact me or my staff who remain available to you as we continue to work through this crisis.

Sincerely,

Candice S. Miller
Macomb County Public Works Commissioner

ADDRESS: 21777 Dunham Road, Clinton Township, Michigan 48036 • Phone: 586-469-5325 • Fax: 586-469-5933
ENGINEERING • Phone: 586-469-5910 • Fax: 586-469-7693 ♦ **SOIL EROSION** • Phone: 586-469-5327 • Fax 586-307-8264

Effective July 1, 2020

Exhibit A

Annual Operating Charges

	Current 2020 Budget	2021 Budget	COSDS %	MIDD %	Annual		Monthly	
					COSDS	Macomb	COSDS	MIDD
GLWA								
Common-to-all and OMIDDD Charges		\$ 68,073,100	32.02%	67.98%	\$ 21,797,007	\$ 46,276,093		
CSO Program		1,630,700	39.48%	60.52%	643,800	986,900		
Total	69,046,600	69,703,800			22,440,807	47,262,993	\$ 1,870,067.25	\$ 3,938,582.75
OMIDDD								
Operations and Maintenance Expense								
Sewer System Maintenance	1,386,710	1,583,750	32.02%	67.98%	507,117	1,076,633		
Sewer System Engineering	70,100	15,360	32.02%	67.98%	4,918	10,442		
Pump Maintenance Unit	2,063,000	1,767,270	32.02%	67.98%	565,880	1,201,390		
Systems Control Unit	71,060	110	32.02%	67.98%	35	75		
Mapping Unit	13,620	1,900	32.02%	67.98%	608	1,292		
Miss Dig	490	370	32.02%	67.98%	118	252		
General and Administrative	370,190	124,240	32.02%	67.98%	39,782	84,458		
Subtotal	3,975,170	3,493,000			1,118,458	2,374,542	93,204.83	197,878.50
Non Operating								
Major Maintenance	600,000	1,000,000	32.02%	67.98%	320,200	679,800	26,683.33	56,650.00
Emergency Maintenance	-	500,000	32.02%	67.98%	160,100	339,900	13,341.67	28,325.00
Capital Improvement	7,687,270	862,980	33.10%	66.90%	285,646	577,334	23,803.83	48,111.17
Subtotal	8,287,270	2,362,980			765,946	1,597,034	(5,596.83)	(11,882.33)
O&M Non-Rate Revenue	(201,210)	(209,750)	32.02%	67.98%	(67,162)	(142,588)		
FY 2021 Total Fixed Charges	\$ 81,107,830	\$ 75,350,030			\$ 24,258,049	\$ 51,091,981	2,021,504.08	4,257,665.09

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

Debt Service

2010A mfa 5368-02	1,674,500	1,673,375
2010B	188,345	-
2011A mfa 5368-02	1,622,750	1,624,125
2013A mfa 5368-03	3,952,800	3,954,200
2014A	465,894	469,694
2015A mfa 2001-01	546,750	542,750
2019 refunding	298,640	433,848
Estimated NESPS and NIEA Debt*	-	6,415,000
Total Debt Service	8,749,679	15,112,991
Total OMIDDD Related Revenue Requirements	89,857,509	90,463,021

* Estimated NESPS and NIEA Debt - Principal \$100,000,000, 20 Years, 2.5% Interest

Order

Michigan Supreme Court
Lansing, Michigan

April 29, 2020

Bridget M. McCormack,
Chief Justice

160520

David F. Viviano,
Chief Justice Pro Tem

CITY OF STERLING HEIGHTS,
Plaintiff-Appellant,

Stephen J. Markman
Brian K. Zahra
Richard H. Bernstein
Elizabeth T. Clement
Megan K. Cavanagh,
Justices

v

SC: 160520
COA: 342870
Macomb CC: 2017-000052-AS

MACOMB INTERCEPTOR DRAIN DRAINAGE
DISTRICT, COUNTY OF MACOMB, MACOMB
COUNTY WASTEWATER DISPOSAL
DISTRICT, CANDICE S. MILLER, BRIAN
SANTO, ROB MIJAC, ANTHONY
MARROCCO, and WILLIAM MISTEROVICH,
Defendants-Appellees.

On order of the Court, the application for leave to appeal the October 1, 2019 judgment of the Court of Appeals is considered, and it is DENIED, because we are not persuaded that the questions presented should be reviewed by this Court.

VIVIANO, J., did not participate due to a familial relationship with counsel of record.



p0420

I, Larry S. Royster, Clerk of the Michigan Supreme Court, certify that the foregoing is a true and complete copy of the order entered at the direction of the Court.

April 29, 2020

Clerk

Funding Source	Apportionment	Manager	Vendor	Amount	Invoice Detail	Project Summary	Project Balance
Macomb Interceptor Drain	Chapter 20 Chesterfield - 7.1724% Clinton - 21.1566% Fraser - 4.0713% Harrison - 6.2117% Lenox - .9496% Macomb - 14.1023% New Haven - 8.184% Shelby - 9.9387% Sterling Heights - 31.1032% Utica - 1.6497% Washington - 2.8262%						
Administration		Astorino	Access Interactive	\$ 45,732.22	Invoice #INV000102397 - 4.16.20	SCADA Equipment	\$ 23,055.00
		Astorino	Access Interactive	\$ 1,200.24	Invoice #INV000102366 - 4.15.20	SCADA Maintenance	\$ 426,541.55
		Astorino	Anderson, Eckstein & Westrick	\$ 3,265.45	Invoice #126050 - 4.15.20	Engineering Oversight - Phase 2 Grouting	
		Astorino	City of Mt. Clemens	\$ 16,628.81	Invoice #28001299 - 4.16.20	Sewage Flow March 2020	
		Astorino	CH2M Hill Engineers	\$ 10,774.46	Invoice #707997CH018 - 4.3.20	Odor and Corrosion Study	\$ 2,511.13
		Astorino	Colville Electric Co., LLC	\$ 5,250.00	Invoice #I20-0241 - 4.28.20	On-Call Emergency Response Agreement - Possible COVID Reimbursement	
		Astorino	Department of Roads	\$ 968.01	Invoice #301543 - 4.8.20	Vehicle Decals and Lights - Lumma	
		Astorino	Department of Roads	\$ 854.49	Invoice #301559 - 4.8.20	Fleet Fuel March 2020	
		Astorino	Doetsch	\$ 422,467.80	Invoice #71189 - 4.23.20	Emergency Grouting	
		Astorino	DTE Energy	\$ 1,310.12	Invoice #20-175 - 3.31.20	Monthly Electric - 2.29.20 - 3.30.20	
		Astorino	DTN, LLC	\$ 762.00	Invoice #5738555 - 4.17.20	Storm Scentry	
		Astorino	Fishbeck	\$ 20,603.50	Invoice #391456 - 4.27.20	Wastewater Master Plan	\$ 514,143.45
		Astorino	Fishbeck	\$ 1,497.80	Invoice #390727 - 3.30.20	GLWA Assistance through 3.20.20	
		Astorino	Fishbeck	\$ 1,725.00	Invoice #391443 - 4.27.20	GLWA Assistance through 4.17.20	
		Astorino	Fishbeck	\$ 1,493.92	Invoice #390575 - 3.30.20	As-needed Services through 3.20.20	\$ 89,581.88
		Astorino	Fishbeck	\$ 13,620.00	Invoice #391430 - 4.27.20	2020 Inspection Program	\$ 209,789.00
		Astorino	FK Engineering	\$ 17,976.85	Invoice #17-134-022 - 4.8.20	As-Needed Geotechnical Services	
		Downing	FK Engineering	\$ 108,324.97	Invoice #19-134-005 - 4.9.20	Segment 5 Engineering Design	\$ 103,850.79
		Astorino	KHVPF, PLC	\$ 10,057.50	Invoice #44250 - 4.6.20	General Matters - March 2020	
		Baker	Nickel & Saph, Inc.	\$ 186,692.17	Invoice #20492 - 4.13.20	Liability Insurance	
		Downing	NTH Consultants, Ltd.	\$ 6,323.57	Invoice #622067 - 4.9.20	Meter & Drop Shaft Rehab	\$ 172,464.99
		Astorino	Verizon Wireless	\$ 1,238.38	Invoice #9851131546 - 3.23.20	Monthly Cell - 2.24.20 - 3.23.20	
		Astorino	Verizon Wireless	\$ 592.16	Invoice #9851131546 - 3.23.20	Monthly Cell - 2.24.20 - 3.23.20	

MACOMB INTERCEPTOR DRAIN 4/21/20 - 5/5/20

<u>Funding Source</u>	<u>Apporportionment</u>	<u>Manager</u>	<u>Vendor</u>	<u>Amount</u>	<u>Invoice Detail</u>	<u>Project Summary</u>	<u>Project Balance</u>
Clintondale P.S.		Astorino	CDW Government	\$ 579.44	Invoice #XPK9934 - 4.17.20	Printer Supplies	
		Astorino	Clinton Township Treasurer	\$ 2,227.47	Invoice #20-180 - 3.31.20	Water and Sewer Bill - 2.25.20 - 3.23.20	
CS-3		Astorino	HESCO	\$ 3,600.00	Invoice #20201214 - 4.15.20	Hydraulic Gate #2 Repair	
15 Mile Sinkhole		Baker	Aloia & Associates	\$ 11,889.00	Invoice #19744 - 4.1.20	MIDD vs. 3 Contractors	
		Baker	KHVPP, PLC	\$ 15,000.00	Invoice #44324 - 4.22.20	Water Hammer Lawsuits - Expert Services	
		Baker	N1 Discovery	\$ 4,595.00	Invoice #N1D4788 - 3.31.20	Water Hammer Lawsuit - Document Storage	
		Downing	TBM Property Management, LLC	\$ 750.00	Invoice #451 - 4.7.20	Pipe and Material Storage- 2nd Quarter 2020	
Meters		Astorino	ADS Environmental	\$ 13,260.00	Invoice #35414-0320A - 3.28.20	Meter Maintenance	\$ 465,930.00
		Astorino	Aquasight	\$ 40,000.00	Invoice #000568 - 6.1.20	Annual Subscription/Maintenance Fee - Phase 1	
OMID		Astorino	Access Interactive	\$ 7,444.78	Invoice #INV000102397 - 4.16.20	SCADA Equipment	
SCADA		Astorino	CDW Government	\$ 1,195.44	Invoice #XXM0061 - 4.9.20	Cell Modem Replacement	
		Astorino	Motor City Electric Technologies	\$ 600.00	Invoice #35847 - 3.31.20	Clintondale SCADA Programming	\$ 36,696.63
SEMSD		Astorino	Fishbeck	\$ 1,256.00	Invoice #391470 - 4.27.20	Wastewater Master Plan	\$ 97,546.45
			Total	\$ 981,756.55			

Budget to Actual
MIDDD
As of April 30, 2020 = 83%

DESCRIPTION	2020 FINAL BUDGET	ENCUMBERED	ACTUAL	REMAINING BUDGET	PCT UTILIZED
REVENUE ACCOUNTS					
GLWA-OMID	46,904,696		39,118,668	7,786,028	83.4%
OMID O&M	8,121,888		6,768,250	1,353,638	83.3%
Settlement	-		522,116	(522,116)	100.0%
Reimbursements	200,000		271,695	(71,695)	135.8%
PY Revenue-Fund Balance	9,610,000			9,610,000	0.0%
Washington Twp Meter Project	250,000			250,000	0.0%
Reimb-Local Communities	10,927,799		9,106,490	1,821,309	83.3%
Interest	300,000		243,919	56,081	81.3%
<i>Total Revenue Accounts</i>	<i>76,314,383</i>	<i>-</i>	<i>56,031,137</i>	<i>20,283,246</i>	<i>73.4%</i>
EXPENSE ACCOUNTS					
GLWA-OMID	46,904,696		39,118,668	7,786,028	83.4%
OMID O&M	8,121,888		6,768,250	1,353,638	83.3%
Public Works Wastewater Disposal Division	1,721,123		799,874	921,249	46.5%
Office Operations/Insurance	322,800		198,815	123,985	61.6%
SCADA	196,634		226,559	(29,925)	115.2%
Engineering					
GLWA Assistance	20,000		23,218	(3,218)	116.1%
Washington Township meter	500,000			500,000	0.0%
Data Review-Aquasight	240,000		200,000	40,000	83.3%
Contribution to Segment 5 Construction/Repairs	3,850,000			3,850,000	0.0%
15 Mile Interceptor Design East of Garfield (Seg 6)	1,000,000		3,220	996,780	0.3%
Seg 5 Engineering Design	1,000,000		523,616	476,384	52.4%
Drop Shaft Repairs(MA-S-2),CT-S-2, HR-S-2, ST-S-5,UT-S-1)	5,750,000		32,824	5,717,176	0.6%
System wide odor and corrosion study	350,000		234,867	115,133	67.1%
SY-S-1 & SY-S-2 Meter Rehab	1,200,000		33,035	1,166,966	2.8%
Meter Dye Dilution Testing/As needed	100,000		16,100	83,900	16.1%
Saw Grant	-		25,561	(25,561)	100.0%
McMARS Operations	50,000		5,760	44,240	11.5%
Aquasight Operations	50,000		50,000	-	100.0%
As Needed FTCH	50,000		6,643	43,357	13.3%
As Needed CH2M	70,000		20,394	49,606	29.1%
As needed FK Engineering	55,000		270,666	(215,666)	492.1%
As Needed Wade Trim	45,000		15,104	29,896	33.6%
As Needed Metco	70,000		126,706	(56,706)	181.0%
As Needed Applied Science	70,000			70,000	0.0%
Emergency Grouting	-		2,087,585	(2,087,585)	100.0%
Wastewater Master Plan/Contract Capacity	500,000		192,919	307,081	38.6%
Legal Services	500,000		374,945	125,055	75.0%
Clintondale PS O&M	345,000		317,073	27,927	91.9%
NGI O&M	330,000		55,711	274,289	16.9%
Meters O&M	415,000		236,719	178,281	57.0%
CS-3 O&M	226,000		6,553	219,447	2.9%
Biofilter O&M	277,500		117,445	160,055	42.3%
Contribution Life Cycle Reserve	171,700			171,700	0.0%
Interceptor O&M	1,000,000		3,685	996,315	0.4%
Stormwater Pump Stations	65,800		54,833	10,967	83.3%
Sewage Disposal Charges - Mt. Clemens	200,000		135,233	64,767	67.6%
Debt Service - Revenue Bonds	546,242		455,202	91,040	83.3%
<i>Total Expense Accounts</i>	<i>76,314,383</i>	<i>-</i>	<i>52,737,782</i>	<i>23,576,601</i>	<i>69.1%</i>

	O&M Balance 6/30/2019	O&M	Total 4/30/2020
Cash - Operating	25,896,373	3,293,355	29,189,728
Accounts Receivable			0
Assets			0
Liabilities			0
Revenues		56,031,137	56,031,137
Expenditures		52,737,782	52,737,782
			0
Equity*	25,896,373		29,189,728

Detail of 2019 Equity*

Projected reserve at 6/30/2019(No Land Sale)	12,180,673
Projected Engineering Reserve	9,610,000
Projected Sinkhole Surplus	3,400,000
Life Cycle Reserve	705,700