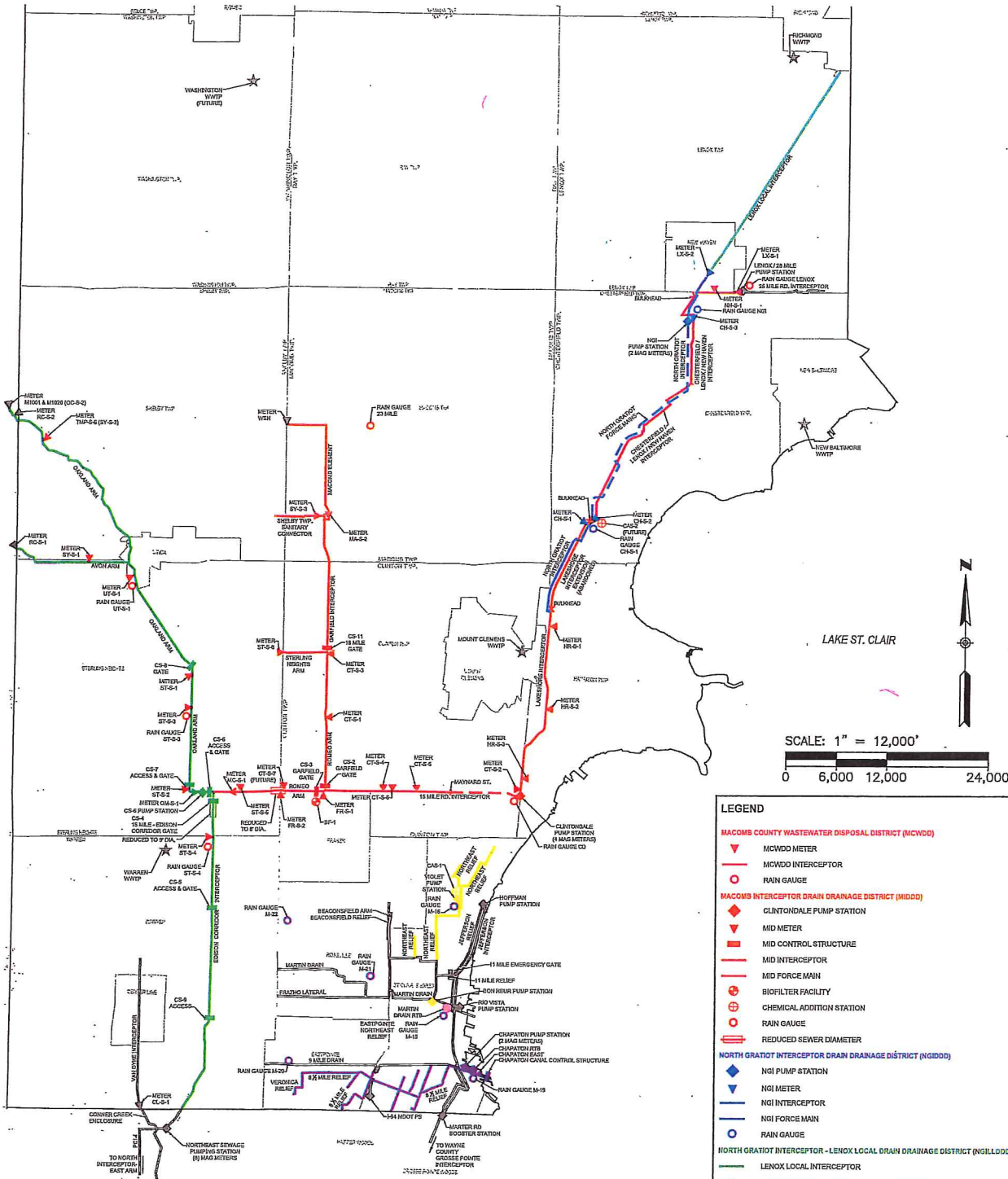


Miller  
Santo  
Tocco

MARTIN SANITARY DIVERSION DRAIN  
INTRA-COUNTY DRAINAGE BOARD  
AUGUST 13, 2018  
10:00 A.M.  
AGENDA

	Page
1. Call of meeting to order and roll call	
2. Approval of Agenda for August 13, 2018	
3. Approval of Minutes for July 9, 2018	3
4. Public participation	
5. Project Update – Vince Astorino	
6. Consideration for approval of invoices (see attached)	5
7. Financial Report – Bruce Manning	6
8. Adjourn	

# MACOMB COUNTY WASTEWATER SYSTEMS



SCALE: 1" = 12,000'

0 6,000 12,000 24,000

LEGEND	
<span style="color: red;">▲</span>	MACOMB COUNTY WASTEWATER DISPOSAL DISTRICT (MCWDD)
<span style="color: red;">—</span>	MCWDD INTERCEPTOR
<span style="color: red;">○</span>	MCWDD RAIN GAUGE
<span style="color: red;">◆</span>	MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT (MIDD)
<span style="color: red;">◊</span>	CLINTONDALE PUMP STATION
<span style="color: red;">◇</span>	MID METER
<span style="color: red;">▬</span>	MID CONTROL STRUCTURE
<span style="color: red;">—</span>	MID INTERCEPTOR
<span style="color: red;">—</span>	MID FORCE MAIN
<span style="color: red;">⊕</span>	BIOFILTER FACILITY
<span style="color: red;">⊙</span>	CHEMICAL ADDITION STATION
<span style="color: red;">○</span>	RAIN GAUGE
<span style="color: red;">▬</span>	REDUCED SEWER DIAMETER
<span style="color: blue;">◆</span>	NORTH GRATIOT INTERCEPTOR DRAIN DRAINAGE DISTRICT (NGIDD)
<span style="color: blue;">▲</span>	NGI PUMP STATION
<span style="color: blue;">▼</span>	NGI METER
<span style="color: blue;">—</span>	NGI INTERCEPTOR
<span style="color: blue;">—</span>	NGI FORCE MAIN
<span style="color: blue;">○</span>	RAIN GAUGE
<span style="color: green;">—</span>	NORTH GRATIOT INTERCEPTOR - LENOX LOCAL DRAIN DRAINAGE DISTRICT (NGILLDD)
<span style="color: green;">—</span>	LENOX LOCAL INTERCEPTOR
<span style="color: green;">◆</span>	OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT (OMIDD)
<span style="color: green;">◊</span>	CS-8 PUMP STATION
<span style="color: green;">◇</span>	OMID METER
<span style="color: green;">▬</span>	OMID CONTROL STRUCTURE
<span style="color: green;">—</span>	OMID INTERCEPTOR
<span style="color: green;">▬</span>	REDUCED SEWER DIAMETER
<span style="color: purple;">—</span>	1/2 MILE RELIEF DRAIN DRAINAGE DISTRICT
<span style="color: purple;">◆</span>	CHAPATON WEST PUMP STATION
<span style="color: purple;">◊</span>	CHAPATON RETENTION TREATMENT BASIN
<span style="color: purple;">▬</span>	CHAPATON CANAL CONTROL GATE
<span style="color: purple;">—</span>	1/2 MILE INTERCEPTOR
<span style="color: purple;">○</span>	RAIN GAUGE
<span style="color: yellow;">◆</span>	NORTH-EAST MACOMB COUNTY EAST TOWN TWP INTERCEPTOR, 1/2 MILE RELIEF
<span style="color: yellow;">▲</span>	SEM-CWDS PUMP STATION
<span style="color: yellow;">◊</span>	CHEMICAL ADDITION STATION
<span style="color: yellow;">—</span>	SEM-CWDS INTERCEPTOR
<span style="color: pink;">◆</span>	MARTIN SANITARY DIVERSION DRAINAGE DISTRICT (MSDD)
<span style="color: pink;">◊</span>	MARTIN DRAIN RETENTION TREATMENT BASIN
<span style="color: black;">◆</span>	OTHER SYSTEMS
<span style="color: black;">▲</span>	PUMP STATION
<span style="color: black;">▼</span>	METER
<span style="color: black;">★</span>	WWTP
<span style="color: black;">—</span>	INTERCEPTOR

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



An adjourned meeting of the Intra-County Drainage Board for the **MARTIN SANITARY DIVERSION DRAIN** was held in the Office of the Macomb County Public Works Commissioner, 21777 Dunham, Clinton Township, Michigan, on July 9, 2018, at 10:03 A.M.

PRESENT: Candice S. Miller, Chair  
Bryan Santo, Member

ABSENT: Kathy Tocco, Member

ALSO PRESENT: Robert Leonetti, Macomb County Board of Commissioners, Karen Czernel, Deputy, Vincent Astorino, P.E., Operations and Flow Manager, Bruce Manning, Financial Manager, Dan Heaton, Public Relations Manager, Barbara Delecke, Administrative Services, Macomb County Public Works (MCPW); Annemarie Lepore, Aloia & Associates; Jordan Scott, Sterling Heights Dept. of Public Works

The meeting was called to order by the Chair, Candice Miller. The agenda was approved as presented.

Minutes of the meeting of June 11, 2018 were presented. A motion was made by Mr. Santo, supported by Ms. Miller to approve the minutes as presented.

Adopted: YEAS: 2  
NAYS: 0

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

A rate schedule was submitted to the State showing that Macomb County could fully support the Martin Sanitary Diversion Drain. The MDEQ approved the budget. Anderson, Eckstein & Westrick, Inc. developed a Capital Improvement Plan (CIP) for the next twenty years. The CIP is currently under review by staff and will be presented at the next meeting.

A motion was made by Mr. Santo, supported by Ms. Miller to receive and file the project update given by Mr. Astorino.

Adopted: YEAS: 2  
NAYS: 0

The Chair presented the invoices totaling \$67,363.45 to the board for review and approval.

A motion was made by Mr. Santo, 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. Santo and supported by Ms. Miller.

Adopted: YEAS: 2  
NAYS: 0

There being no further business, it was moved by Mr. Santo, supported by Ms. Miller, that the meeting of the Martin Sanitary Diversion Drain Board be adjourned.

Adopted: YEAS: 2  
NAYS: 0

The meeting was adjourned at 10:06 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 taken by the Intra-County Drainage Board for the Drainage District shown on the attached set of minutes, on July 9, 2018, 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: 7/11/18

9325.bd

MARTIN SANITARY DIVERSION DRAIN - AUGUST 13, 2018

Funding Source	Apportionment	Manager	Vendor	Amount	Invoice Detail	Project Summary	Project Balance
Martin Sanitary Diversion Drain	Chapter 20 Roseville - 78.09% St. Clair Shores - 21.91% SAW Grant 1411-01 (Closing date 11/24/18)	Astorino	Anderson, Eckstein & Westrick, Inc.	\$ 11,250.00	Invoice #0118382 - 7/12/18 Engineering Services - 5/28/18 - 6/24/18	Asset Inventory, Condition Assessment, CIP	\$ 140,177.52
			Cummins Bridgeway	\$ 639.08	Invoice #006-69784 - 6/29/18	2-Hour Load Bank Test - Generator	
			Cummins Bridgeway	\$ 826.06	Invoice #006-69787 - 6/29/18	Annual Generator Maintenance	
			DTE Energy	\$ 618.02	Monthly Electric - 6/19/18 - 7/18/18		
			Fishbeck, Thompson, Carr & Huber, Inc.	\$ 1,823.50	Invoice #375603 - 6/25/18 Engineering Services - ending 6/15/18	Engineering Oversight - SAW Grant 1411-01	
			HESCO	\$ 1,300.00	Invoice #20180734 - 7/3/18	Flow Module Lease - June	
			Jones Chemicals, Inc.	\$ 4,122.28	Invoice #760507 - 6/26/18	Hypochlorite Solution - 4,554 gallons	
			Macomb County	\$ 6,518.00	Invoice #AR180541 - 7/17/18	Property Insurance Premium	
			Motor City Electric Technologies	\$ 8,961.80	Invoice #91912 - 6/13/18	Renew Maintenance Contracts & Installed Upgraded License Files	
			NEXGEN Utility Management	\$ 2,500.00	Invoice #2017 - 7/1/18	NEXGEN AM License Maintenance & Support	
			TestAmerica, Inc.	\$ 690.00	Invoice #19012987 - 7/11/18	Lab Analysis of Water	
			Total			\$ 39,248.74	



**YTD Trial Balance**

**Fund: Martin Sanitary Diversion**

**As of Fiscal Period: Oct 1, 2017-July 31, 2018**

	<b>O&amp;M Balance 9/30/2017</b>	<b>O&amp;M</b>	<b>Total 7/31/2018</b>
<b>Cash - Operating</b>	14,184	434,291	448,475
<b>Accounts Receivable</b>			0
<b>Assets</b>			0
<b>Liabilities</b>		1,096	1,096
<b>Revenues</b>		645,418	645,418
<b>Expenditures</b>		212,223	212,223
<b>Equity</b>	14,184		447,379

**NOTES**

	<b>Grant</b>	<b>Match</b>	<b>Total</b>
SAW 1411-01	292,514	32,502	325,016
YTD	(184,004)	(20,445)	(204,449)
Remaining	108,510	12,057	120,567