

MARTIN SANITARY DIVERSION DRAIN  
INTRA-COUNTY DRAINAGE BOARD  
JUNE 12, 2023  
10:00 A.M.  
AGENDA

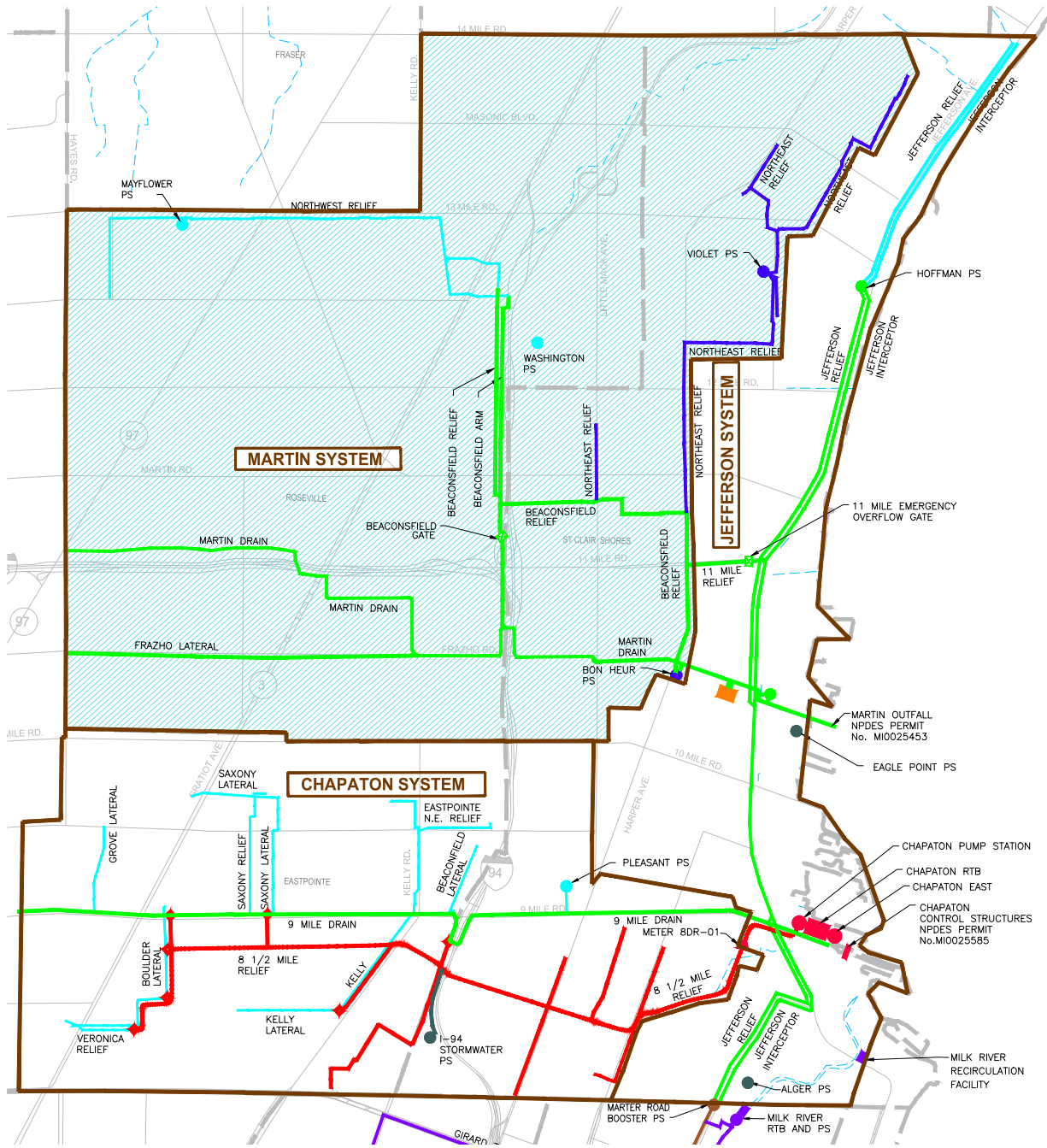
**NOTE: THIS MEETING WILL BE HELD IN PERSON WITH TELECONFERENCE  
OPTION FOR PUBLIC**

**Call in Number: 1-224-990-0182  
Access Code: 927 405 823**

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1. Call of meeting to order and roll call	
2. Approval of Agenda for June 12, 2023	
3. Approval of Minutes for May 15, 2023	3
4. Public Participation	
5. Project & Operations Update – Vince Astorino	5
6. Consideration for approval of invoices (see attached)	6
8. Financial Report – Bruce Manning	7
9. Adjourn	

Hard copy is intended to be 8.5"x11" when plotted. Scale(s) indicated and graphic quality may not be accurate for any other size.

**MARTIN SYSTEM MAP**  
Macomb County, MI  
Southeast Macomb Sanitary District  
Wastewater Master Plan



**SYSTEM LEGEND**

(AS OF DATE OF PUBLICATION)

- SYSTEM BOUNDARY

**DISTRICT LEGEND**

(AS OF DATE OF PUBLICATION)

- 8 1/2 MILE RELIEF DRAIN DRAINAGE DISTRICT
- SOUTHEAST MACOMB COUNTY WASTEWATER DISPOSAL SYSTEM
- MARTIN SANITARY DIVERSION DISTRICT
- SOUTHEAST MACOMB SANITARY DISTRICT
- NORTHEAST SEWAGE DISPOSAL SYSTEM
- MILK RIVER INTERCOUNTY DRAIN DRAINAGE DISTRICT
- LOCAL MUNICIPALITY
- OTHER

**ASSET LEGEND**

- PUMP STATION
- FLOW CONTROL STRUCTURE
- RETENTION TREATMENT BASIN
- GRAVITY INTERCEPTOR
- OVERFLOW POINT

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 May 15, 2023, at 10:02 A.M.

PRESENT: Candice S. Miller, Chair  
Harold Haugh, Member

EXCUSED: Bryan Santo, Member

ALSO PRESENT: Daniel Acciavatti, Deputy of Government Relations; Vince Astorino, Operations & Flow Manager; Brian Baker, Chief Deputy; Stephen Downing, Construction and Maintenance Manager; Norb Franz, Communications Manager; Bruce Manning, Finance Manager; Pam Sonnenberg, Administrative Assistant; Brent Bashaw, City Engineer Sterling Heights; Sarah Lucido, Board of Commissioners; Don VanSyckel, Board of Commissioners

PRESENT VIA TELECONFERENCE: Tom Stockel, Construction Supervisor;

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

Adopted: YEAS: 2  
NAYS: 0

Minutes of the meeting of April 10, 2023 were presented. A motion was made by Mr. Haugh, 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.

Mr. Astorino provided an update that the Martin Sanitary Diversion had two wet weather events in the past month. The first event was a carryover from the previous month. We were unable to dewater from the March 31<sup>st</sup> event and we received another inch of rain which triggered a discharge of 37.6 MG at Martin. Water quality numbers were good. The second event was on April 29<sup>th</sup>. We had 1.26 inches of rain and the treated discharge was 9 MG. The water quality numbers were 10 counts per 100ml for E.Coli.

The Martin Improvement project design continues and we are on track to have that completed within the next couple of months.

Ms. Miller distributed a letter that Senator Klinefelt sent to the state to support our SRF application for receiving loan forgiveness for Eastpointe, Roseville, and St. Clair Shores communities. A copy of the letter to Senator Hertel was included in the agenda packet.

A motion was made by Mr. Haugh, supported by Ms. Miller to receive and file the project and operations updates as presented.

Adopted: YEAS: 2  
NAYS: 0

The Chair presented the invoices totaling \$23,586.50 to the board for review and approval.

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

Adopted: YEAS: 2  
NAYS: 0

There being no further business, it was moved by Mr. Haugh, 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 10:07 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 May 15, 2023 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: 5/15/2023



**Candice S. Miller**

Public Works Commissioner  
Macomb County

To: Martin Sanitary Diversion Drainage District Board Members

CC: File

From: Vincent Astorino, Operations & Flow Manager

Date: June 12, 2023

Subject: Construction Projects Status Updates for the June 2023 Board Meeting

The following provides a status update for construction work completed within the Martin Sanitary Diversion Drain District (MSDDD) for the previous month.

## Wet Weather Operations

No wet weather events for the past month.

## Construction

No construction activities at this time.

## Design Projects

- Martin In-System Storage
  - In design and combining the project with the Bon Heur PS Rehab which is slated to be ready to bid in the fall of 2023.
- Martin RTB Improvements.
  - This project consists of replacing the dewatering gate, basin blower and ductwork, equipment hatch and crane system, removal of the old flushing systems in the building and basin, and various electrical improvements. Design has passed 60% and is still on track for a July/August bid.
- USACE Green Infrastructure Grant
  - Have started the agreement process with USACE for this \$400,000 project with USACE covering \$300,000 of that. The \$100,000 match to be provided by MSDDD has already been budgeted.

MARTIN SANITARY DIVERSION  
05/16/2023 - 06/06/2023

<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>
Martin Sanitary Diversion Drain	Chapter 20 Roseville - 78.09% St. Clair Shores - 21.91%	Astorino	County of Macomb	\$ 66,375.11	Invoice #AR230541 - 05.08.23	4th Quarter Personnel and Operating Expenses	\$ 55,384.25
			County of Macomb	\$ 38,683.81	Invoice #AR230542 - 05.08.23	1st Quarter Personnel and Operating Expenses	
			Cummins Sales & Service	\$ 1,575.34	Invoice #S6-7708 - 05.22.23	Generator Starter Battery	
			DTE Energy	\$ 717.08	Invoice #23-302 - 05.18.23	Monthly Electric - 04.19.23 - 05.17.23	
			Fishbeck	\$ 5,466.25	Invoice #423293 - 05.17.23	RTB Improvements - Design Phase through 05.12.23	
			Macomb County Treasurer	\$ 1,800.00	Invoice #3-2023 - 03.31.23	Accounting Services	
			Motor City Electric Technologies	\$ 17,000.00	Invoice #37923 - 05.03.23	Keyscan Installation	
			People Driven Technology	\$ 1,792.75	Invoice #INV5136 - 05.18.23	SCADA Maintenance	
			Spencer Oil Company	\$ 611.18	Invoice #30638159 - 05.18.23	Diesel Fuel	
			Swan Analytical Instruments	\$ 548.80	Invoice #CD10007665 - 05.11.23	TRC Testing Agents	
			<b>Total</b>			\$ 134,570.32	

YTD Budget

Fund: Martin Sanitary Diversion

As of Fiscal Period: Oct 1, 2022-May 31, 2023(67%)

DESCRIPTION	2023 FINAL BUDGET	ENCUMBERED	ACTUAL	REMAINING BUDGET	PCT UTILIZED
<b>REVENUE ACCOUNTS</b>					
Investment Inc-Interest	5,000		5,662	(662)	113.2%
Reimb-Local Communities	1,061,070		1,061,070	-	100.0%
Use of Reserves/Funds Previously Collected	778,000				
Use of SCADA Reserves	12,950				
PY Revenue-Fund Balance	581,290			581,290	0.0%
<b>Total Revenue Accounts</b>	<b>2,438,310</b>	<b>-</b>	<b>1,066,732</b>	<b>580,628</b>	<b>43.7%</b>
<b>EXPENSE ACCOUNTS</b>					
Application/Permit Fee	6,000		6,000	-	100.0%
Dues, Training, Conf, Subs.	3,310		33	3,277	1.0%
<b>Engineering</b>					
-Basin Equipment Hatch Replacement	30,000			30,000	0.0%
-Gates/Vault/RTB Ductwork Project	1,108,000		52,630	1,055,370	4.8%
-As Needed Engineering	29,090		4,177	24,913	14.4%
-In-System Storage Design & CCA	481,280			481,280	0.0%
-Misc Sewer Repairs	20,000				
-Basin Equipment Hatch Replacement Design	9,950				
New Equipment	1,000			1,000	0.0%
Operating Supplies	61,950		50,667	11,283	81.8%
Other Professional Svcs	9,800		3,671	6,129	37.5%
Personnel Services	220,100		106,859	113,241	48.6%
Repair & Maintenance	371,800		28,492	343,308	7.7%
Contribution to SCADA Reserve	5,810			5,810	0.0%
Scada System	34,620		7,501	27,119	21.7%
Utilities	45,600		8,799	36,801	19.3%
<b>Total Expense Accounts</b>	<b>2,438,310</b>	<b>-</b>	<b>268,829</b>	<b>2,139,531</b>	<b>11.0%</b>

	O&M Balance 9/30/2022	O&M	Total 5/31/2023
<b>Cash - Operating</b>	1,294,502	797,903	2,092,405
<b>A/R ISS SEMSD</b>	600,000		600,000
<b>Assets</b>			0
<b>Liabilities</b>			0
<b>Revenues</b>		1,066,732	1,066,732
<b>Expenditures</b>		268,829	268,829
<b>Equity</b>	1,894,502		2,692,405

**Detail of 2022 Equity**

Design Basin Equipment Hatch	9,950	SolarWinds-Net Mgt Software	1,940
Misc Sewer Repairs	20,000	Obsolete Wireless Backhaul Links	3,230
ISS SEMSD Contribution	600,000	Fiber Optic improvements	3,220
In System Storage-Design and CCA	730,290	Firewall Hard Design/Config	2,580
Flushing System Upgrades-Design, Const, CCA	51,151	Parking Lot Resurface	30,000
CCTV of Dewatering Line and Influent and Effluent Boxes	25,000	Capital Reserves	386,400
SCADA Reserves	19,900	As Needed Engineering	10,841