

MARTIN SANITARY DIVERSION DRAIN  
INTRA-COUNTY DRAINAGE BOARD  
SEPTEMBER 9, 2024  
10:00 A.M.  
AGENDA

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

**Teams Meeting ID: 262 828 758 218  
Passcode: GuHCi4**

**Call in Number: 1-917-933-5524  
Passcode: 576 793 15#**

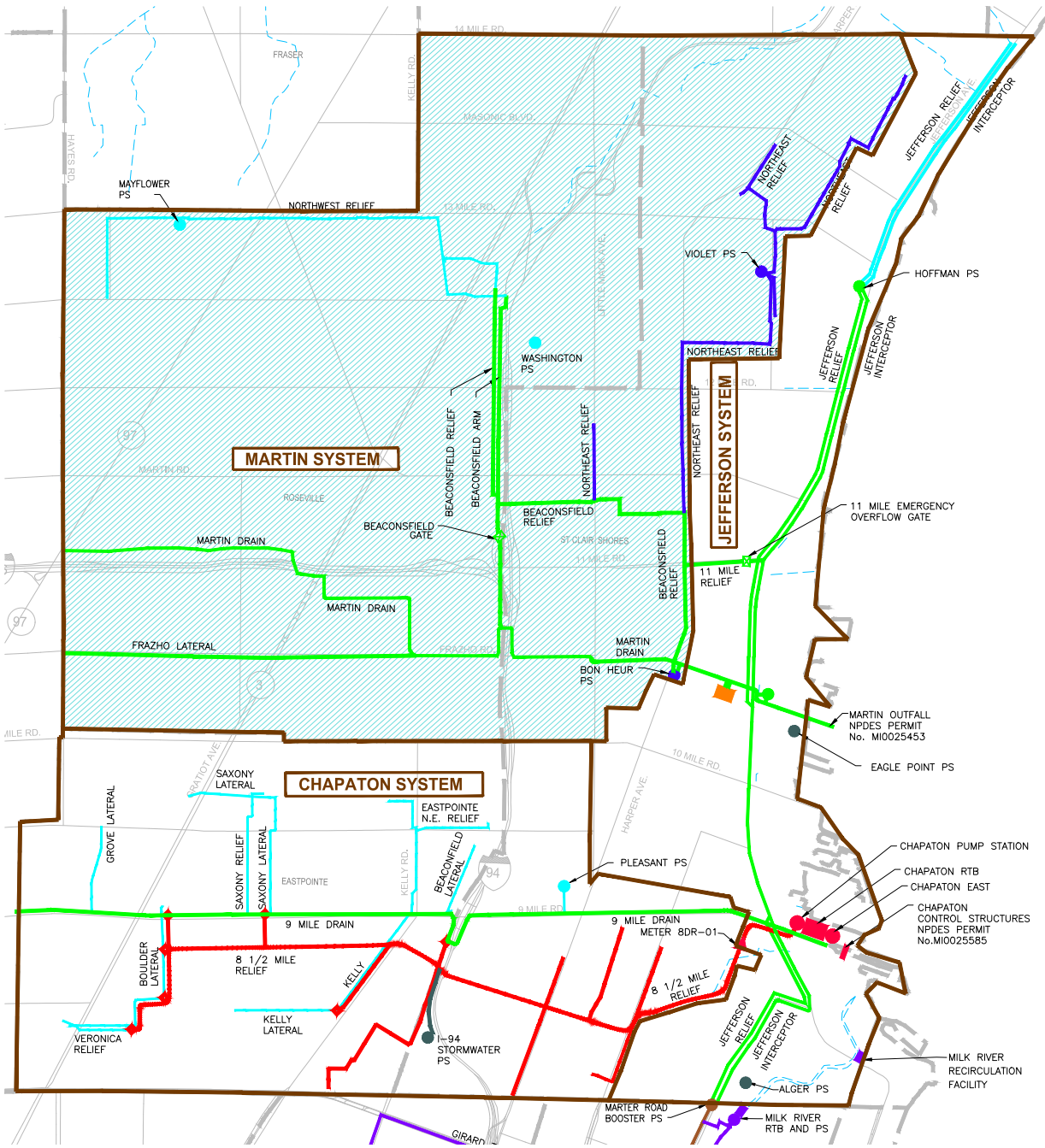
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1. Call of meeting to order and roll call	
2. Approval of Agenda for September 9, 2024	
3. Approval of Minutes for August 12, 2024	3
4. Public Participation	
5. Project & Operations Update – Vince Astorino	6
6. Consideration for approval of invoices (see attached)	8
7. Financial Report – Bruce Manning	9
8. 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 August 12, 2024, at 10:00 A.M.

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

EXCUSED: Bryan Santo, Member

PRESENT VIA TELECONFERENCE: Jessica Johnston, Sterling Heights DPW

ALSO PRESENT: Vince Astorino, Operations & Flow Manager; Brian Baker, Chief Deputy; Stephen Downing, Construction and Maintenance Manager; Steve Duchane, Community Services Coordinator; Norb Franz, Communications Manager; Bruce Manning, Finance Manager; Pamela Sonnenberg, Administrative Assistant; Tom Stockel, Construction Supervisor; Sarah Lucido, Board of Commissioners; Don Van Syckel, Board of Commissioners

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 July 8, 2024 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 Martin had four wet weather events. July 10<sup>th</sup>, we had 3.31 inches of rainfall, July 23<sup>rd</sup> we had 1.74 inches of rainfall, and August 2<sup>nd</sup> we had 3.2 inches of rainfall. There was an issue with our disinfection pumps at the start of this event. It was overheating and had shut down. We promptly fixed the issue and there were no other issues throughout this event. On August 6<sup>th</sup> we had another 1.78 inches of rain. All four events were very intense rain events, our staff handled it well.

We have executed the contract regarding the Martin Improvements project. We did a site walk with Reliance Building, the contractor for this project. On the site walk, we found that the duct work was in good shape, so we will keep the duct work which will result in a credit. The contractor plans to start in September.

The USACE Green Infrastructure grant project is now a design only project. The Army Corps has said that there are not enough funds to design and construct this project. There will likely be a request for additional funds in the future.

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

Adopted: YEAS: 2  
NAYS: 0

Mr. Baker presented the 2024/2025 Budget. The cities of Roseville and St. Clair Shores have received a copy of the budget. The community contribution rose 2.9% which is in line with the projected 3% increase provided to the two communities earlier this year. Most of it is two projects, \$3.6 million for the Martin improvement project which is fully funded by previous collections and \$1.9 million of federal funds and \$627,000 towards a \$2 million project to replace the station's main electrical switchgear and backup generator. Maintenance costs declined as last years budget included the one-time \$100,000 match funding for the \$400,000 USACE Green Infrastructure grant to separate stormwater at the basin, repave the parking lot, and other green infrastructure improvements. Personnel costs rose by 5.2% based on the County's wage schedule and cost of benefits. No change in staffing levels is proposed. The amount of sodium hypochlorite increased by \$10,000 due to continued rising chemical costs.

A motion was made by Mr. Haugh, supported by Ms. Miller to approve the 2024/2025 Martin Sanitary Diversion drain budget and revenue requirement for the fiscal year beginning October 1, 2024.

Adopted: YEAS: 2  
NAYS: 0

Mr. Astorino presented that MCPWO has budgeted to start an improvements project at the Martin Retention Treatment Basin. The proposal from Fishbeck is in line with what is expected for this project.

A motion was made by Mr. Haugh, supported by Ms. Miller to approve the proposal from Fishbeck for Contract Construction Administration for the Martin RTB Improvements project for \$345,010.

Adopted: YEAS: 2  
NAYS: 0

The Chair presented the invoices totaling \$1,017,389.46 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 10:25 A.M.

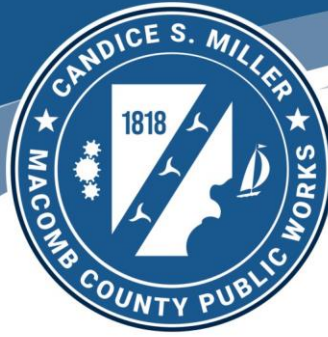
  
\_\_\_\_\_  
Candice S. Miller, Chair  
Macomb County Public Works Commissioner

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 August 12, 2024 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: 8/12/2024



To: Martin Sanitary Diversion Drainage District Board Members

CC: File

From: Vincent Astorino, Operations Director

Date: September 9, 2024

Subject: Construction Projects Status Updates for the September 2024 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 treated discharges since the last board meeting.

## Martin RTB Improvements Project

**Contractor:** Reliance Building

**Engineering Consultant:** Fishbeck

### **Project Description:**

The project consists of multiple items throughout the facility. A general list of items is listed below.

- Replacement of the Martin RTB dewatering gate which is original to the facility.
- Rehabilitation of the dry weather and drain underground vaults.
- Demolition of the old flushing system which includes pipe and pump removal along with properly abandoning the old underground flushing chambers.
- Installation of new underground electrical conduits to abandon old failing conduits.
- Chemical grouting of infiltration within the basement of the Martin building.
- Martin RTB blower and ductwork replacement.
- Equipment hatch cover replacement.

- Equipment crane and trolley replacement/rehab.
- Access hatch replacements around the RTB.
- New TRC sampling pump installations around the RTB.

**Significant project tasks that have occurred over the past month:**

1. Submittals are being received and processed by the engineering team.
2. Construction Activities per Update Period:
  - No construction activities at this time.
  - Anticipated mobilization is in September 2024.

**Construction Costs:**

	Date (if applicable)	Amount
Original Contract Amount		\$3,369,388.65
Total Spent to Date	Pay Apps. #	\$0.00
Remaining Budget		\$3,369,388.65

**Design Projects**

- 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.
    - USACE has started working on scope for the project. No update at this time.
    - USACE is proposing that there are not enough funds to design and construct this project. Therefore, it is being planned that this round of funding is purely for design.

MARTIN SANITARY DIVERSION  
08/20/2024 - 09/03/2024

<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>
<b>Martin Sanitary Diversion Drain</b>	Chapter 20 Roseville - 78.09% St. Clair Shores - 21.91%	Astorino	DTE Energy	\$ 745.75	Invoice #24-633 - 08.22.24	Monthly Electric - 07.18.24 - 08.15.24 Lab Supplies Hypochlorite Solution	
		Astorino	Evoqua	\$ 639.04	Invoice #906410988 - 04.09.24		
		Astorino	JCI Jones Chemicals	\$ 5,668.66	Invoice #947827 - 08.09.24		
		<b>Total</b>		\$ 7,053.45			

YTD Budget

Fund: Martin Sanitary Diversion

As of Fiscal Period: Oct 1, 2023-Aug 31, 2024 (92%)

DESCRIPTION	2024 FINAL BUDGET	ENCUMBERED	ACTUAL	REMAINING BUDGET	PCT UTILIZED
<b>REVENUE ACCOUNTS</b>					
Investment Inc-Interest	28,000		23,731	4,269	84.8%
Reimb-Local Communities	1,113,520		1,113,520	-	100.0%
Federal Earmark	1,000,000			1,000,000	0.0%
PY Revenue-Fund Balance	1,188,490			1,188,490	0.0%
<i>Total Revenue Accounts</i>	3,330,010	-	1,137,251	2,192,759	34.2%
<b>EXPENSE ACCOUNTS</b>					
Application/Permit Fee	6,000		6,000	-	100.0%
Dues, Training, Conf, Subs.	3,380		1,072	2,308	31.7%
<u>Engineering</u>					
-Martin Improvement Project	2,402,210		23,876	2,378,334	1.0%
-Martin Electrical Improvements	309,000			309,000	0.0%
-As Needed Engineering	57,000		118	56,882	0.2%
-USACE Green Infrastructure Project(Reserves)	-		100,000	(100,000)	100.0%
-Misc Sewer Repairs	20,000			20,000	0.0%
Equipment	6,850		6,621	229	96.7%
Operating Supplies	72,280		77,116	(4,836)	106.7%
Other Professional Svcs	12,200		6,159	6,041	50.5%
Personnel Services	242,930			242,930	0.0%
Repair & Maintenance	134,800		34,004	100,796	25.2%
Contribution to SCADA Reserve	5,810			5,810	0.0%
Scada System	11,410		4,369	7,041	38.3%
Utilities	46,140		12,474	33,666	27.0%
<i>Total Expense Accounts</i>	3,330,010	-	271,809	3,058,201	8.2%

	O&M Balance 9/30/2023	O&M	Total 8/31/2024
Cash - Operating	1,915,814	865,442	2,781,256
Assets			0
Liabilities			0
Revenues		1,137,251	1,137,251
Expenditures		271,809	271,809
Equity	1,915,814		2,781,256

Detail of 2023 Equity

Misc Sewer Repairs	20,000
USACE Green Infrastructure Project	100,000
SCADA Reserves	-
As Needed Engineering	27,000
Martin Improvement Project	1,042,529
Capital Reserve	726,285