

MARTIN SANITARY DIVERSION DRAIN
INTRA-COUNTY DRAINAGE BOARD
SEPTEMBER 11, 2023
10:30 A.M.
AGENDA

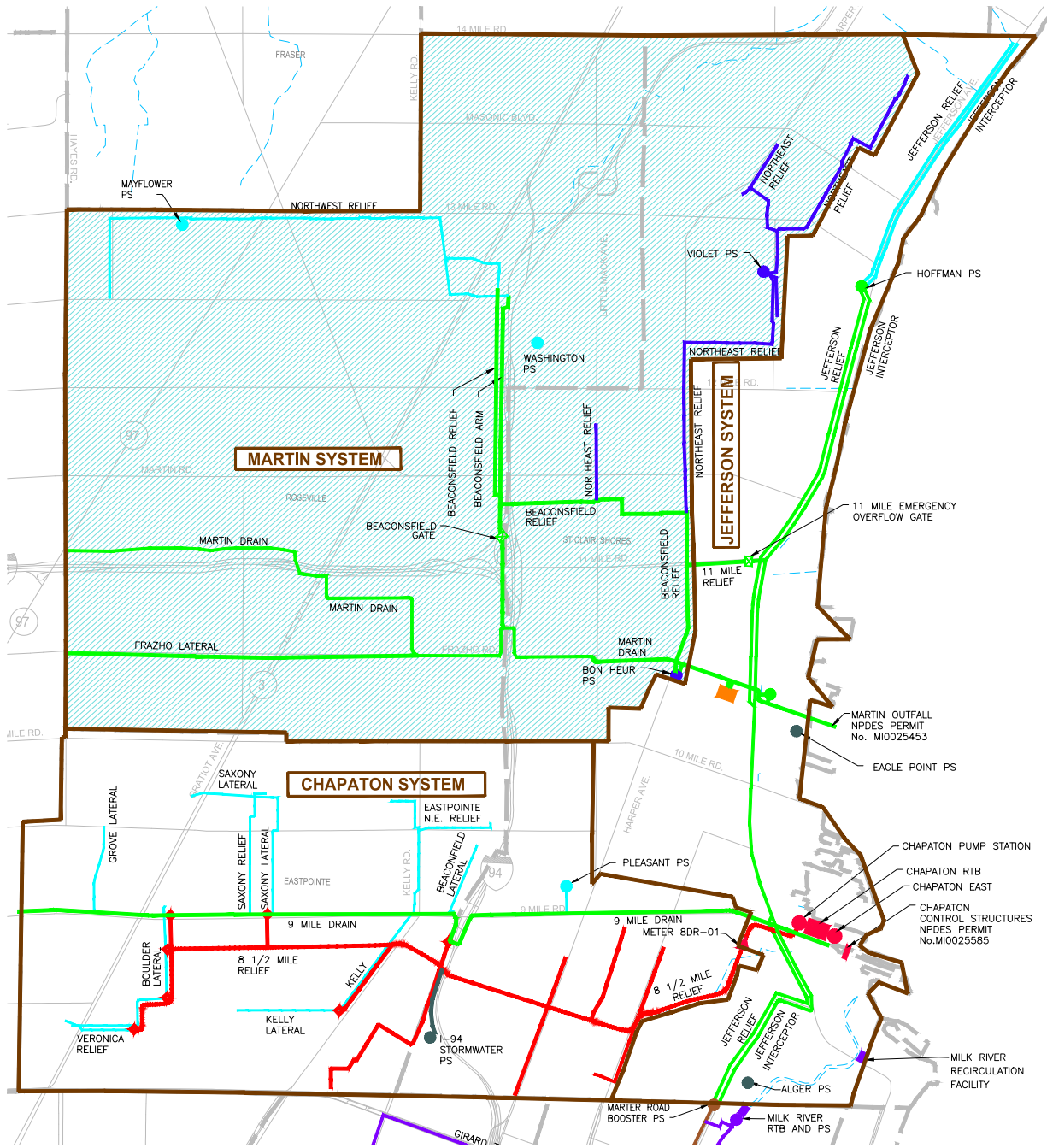
**NOTE: THIS MEETING WILL BE HELD IN PERSON WITH TELECONFERENCE
OPTION FOR PUBLIC**

**Call in Number: 1-224-990-0182
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1. Call of meeting to order and roll call	
2. Approval of Agenda for September 11, 2023	
3. Approval of Minutes for August 14, 2023	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

PLOT INFO: Z:\2018\181053\CAD\PRECED\SEMSD_OVERALL.DWG LAYOUT: FIG 3-4_MARTIN SYS DATE: 1/25/2020 TIME: 7:48:56 AM USER: MESEDKI

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 14, 2023, at 10:02 A.M.

PRESENT: Candice S. Miller, Chair
Harold Haugh, Member
Vince Viviano, 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; Jennifer Jozwiak, Drain Account Specialist; Bruce Manning, Finance Manager; Pam Sonnenberg, Administrative Assistant; Tom Stockel, Construction Supervisor; Joseph Romano, Board of Commissioners; Don VanSyckel, Board of Commissioners

PRESENT VIA TELECONFERENCE: Jeff Bednar, Environmental Resources Manager; Danielle Devlin, Environmental Specialist; Bonnie Rau, City of Sterling Heights DPW

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

Adopted: YEAS: 3
NAYS: 0

Minutes of the meeting of July 10, 2023, were presented. A motion was made by Mr. Haugh, supported by Mr. Viviano 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. Astorino provided an update that the Martin Sanitary Diversion had no wet weather events in the past month and there is no construction at this time.

The Martin RTB Improvement project design continues, we submitted the Part 41 permit to EGLE and it has been approved. The design package will be ready at the end of this month. We are close to bidding out, just waiting on clarification of the EPA funding.

We are still waiting to hear from the Army Corps for the next steps on the Green Infrastructure Grant.

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

Adopted: YEAS: 3
NAYS: 0

Mr. Baker presented the proposed 2023/2024 Martin Sanitary Diversion Drain budget which starts October 1, 2023. We provided the budget to Roseville and St. Clair Shores 6 weeks ago. It is a 4.9% increase, which is in line with the 5% increase that we had originally projected. Most of that is the \$2.4 million for construction and administration of the Martin Improvement project. There is no existing debt and no new debt. The budget includes \$309,000 towards a \$2 million project to replace the station's main electrical switch gear and back up generator. This office will also seek State funding toward this project. A match of \$100,000 will go towards the \$400,000 USACE Green Infrastructure grant to separate stormwater at the basin. This project includes the cost to repave the parking lot in addition to other green infrastructure improvements. Personnel costs rose by \$22,830 based on the County's wage schedule and the district's share of the cost for an additional Pump Station Operator position subject to approval by the BOC. Also, an additional \$10,000 is in the budget for the rising chemical cost for sodium hypochlorite. The district's share of a replacement 11-year-old pickup truck is budgeted at \$6,150.

Mr. Haugh asked if this budget reflected the \$5 million that we received from the State for the Jefferson project. Ms. Miller said no, those funds will go to the SEMSD along with the County ARPA funds once we have a sub-sub recipient agreement complete.

A motion was made by Mr. Haugh, supported by Mr. Viviano to approve the 2023/2024 Martin Sanitary Diversion Drain budget and revenue requirement for the fiscal year beginning October 1, 2023.

The Chair presented the invoices totaling \$30,887.98 to the board for review and approval.

A motion was made by Mr. Haugh, supported by Mr. Viviano 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. Haugh and supported by Mr. Viviano.

Adopted: YEAS: 3
NAYS: 0

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

Adopted: YEAS: 3
NAYS: 0

The meeting was adjourned at 10:17 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 14, 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: 8/14/2023



Candice S. Miller

Public Works Commissioner
Macomb County

To: Martin Sanitary Diversion Drainage District Board Members

CC: File

From: Vincent Astorino, Operations Director

Date: September 11, 2023

Subject: Construction Projects Status Updates for the September 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

Wet Weather Event: August 23, 2023

Rainfall: 4.52 inches

Treated Discharge Volume: 52.3 MG

Water Quality Numbers: 29 cts / 100 ml geometric mean (Permit maximum is 300 cts/ml)

Description: This event consisted of two separate significant rain events that per NPDES requirements, registered as one single event. During the second event, the Jefferson Interceptor was diverted to this facility with the 11 Mile gate being open approximately 65%. Overall, the facility ran well and there are no issues to report.

Construction

No construction activities at this time.

Design Projects

- 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. 90% design drawings will be ready in August.
 - Part 41 permit has been submitted to EGLE and approved.

OFFICE LOCATION: 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

- Finalizing the design package. Anticipating to go out to bid in September, pending EPA requirements for funding.
- 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
08/08/2023 - 09/05/2023

<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	DTE Energy	\$ 538.19	Invoice #23-493 - 08.17.23	Monthly Electric - 07.20.23 - 08.16.23 RTB Improvements - Design Phase through 08.04.23 Hypochlorite Solution PLC & SCADA - Automated Disinfection	\$ 1,039.34
		Astorino	Fishbeck	\$ 17,790.51	Invoice #426272 - 08.10.23		
		Astorino	JCI Jones Chemicals Inc.	\$ 10,984.17	Invoice #921951 - 08.29.23		
		Astorino	Motor City Electric Technologies	\$ 8,300.00	Invoice #37854 - 03.31.23		
		Total			\$ 37,612.87		

YTD Budget

Fund: Martin Sanitary Diversion

As of Fiscal Period: Oct 1, 2022-Aug 31, 2023 (92%)

DESCRIPTION	2023 FINAL BUDGET	ENCUMBERED	ACTUAL	REMAINING BUDGET	PCT UTILIZED
REVENUE ACCOUNTS					
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%
Total Revenue Accounts	2,438,310	-	1,066,732	580,628	43.7%
EXPENSE ACCOUNTS					
Application/Permit Fee	6,000		6,000	-	100.0%
Dues, Training, Conf, Subs.	3,310		33	3,277	1.0%
Engineering					
-Basin Equipment Hatch Replacement	30,000			30,000	0.0%
-Gates/Vault/RTB Ductwork Project	1,108,000		106,975	1,001,025	9.7%
-As Needed Engineering	29,090		12,477	16,613	42.9%
-In-System Storage Design & CCA	481,280			481,280	0.0%
-Misc Sewer Repairs	20,000				
-Inspection (Was projected to be completed in 2022)	-		10,123	-	100.0%
-Basin Equipment Hatch Replacement Design	9,950				
New Equipment	1,000			1,000	0.0%
Operating Supplies	61,950		59,932	2,018	96.7%
Other Professional Svcs	9,800		5,314	4,486	54.2%
Personnel Services	220,100		106,859	113,241	48.6%
Repair & Maintenance	371,800		38,854	332,946	10.5%
Contribution to SCADA Reserve	5,810			5,810	0.0%
Scada System	34,620		13,047	21,573	37.7%
Utilities	45,600		10,788	34,812	23.7%
Total Expense Accounts	2,438,310	-	370,402	2,048,081	15.2%

	O&M Balance 9/30/2022	O&M	Total 8/31/2023
Cash - Operating	1,294,502	696,330	1,990,832
A/R ISS SEMSD	600,000		600,000
Assets			0
Liabilities			0
Revenues		1,066,732	1,066,732
Expenditures		370,402	370,402
Equity	1,894,502		2,590,832

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