

Miller
Santo
Haugh

MARTIN SANITARY DIVERSION DRAIN
INTRA-COUNTY DRAINAGE BOARD
MARCH 13, 2023
10:00 A.M.
AGENDA

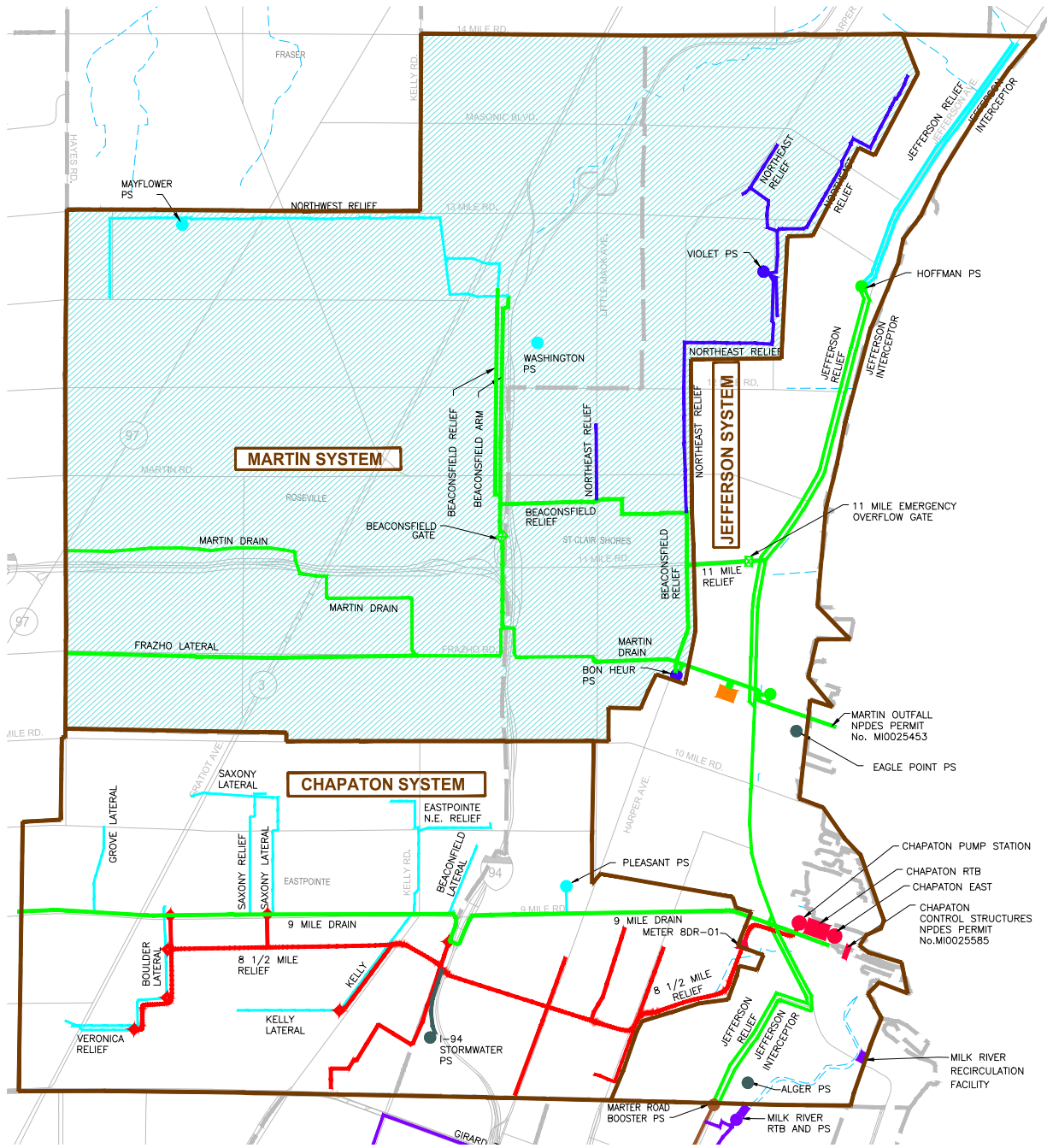
**NOTE: THIS MEETING WILL BE HELD IN PERSON WITH TELECONFERENCE
OPTION FOR PUBLIC**

**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 March 13, 2023	
3. Approval of Minutes for February 13, 2023	3
4. Public Participation	
5. Project & Operations Update – Vince Astorino	5
6. Consideration for approval of invoices (see attached)	6
7. Financial Report – Bruce Manning	7
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 February 13, 2023, at 10:00 A.M.

PRESENT: Brian Baker, Acting Chair
Bryan Santo, Member

EXCUSED: Harold Haugh, Member

ALSO PRESENT: Vince Astorino, Operations & Flow Manager; Stephen Downing, Construction and Maintenance Manager; Bruce Manning, Finance Manager; Pam Sonnenberg, Administrative Assistant; Sarah Lucido, Board of Commissioners; Don VanSyckel, Board of Commissioners

PRESENT VIA TELECONFERENCE: Mary Shepherd, Environmental and Safety Services Supervisor City of Sterling Heights

The meeting was called to order by the Acting Chair, Brian Baker. A motion was made by Mr. Santo, supported by Mr. Baker to approve the agenda as presented.

Adopted: YEAS: 2
NAYS: 0

Minutes of the meeting of January 9, 2023 were presented. A motion was made by Mr. Santo, supported by Mr. Baker 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 updated by saying there were no wet weather events for this past month, unfortunately last Thursday we had a small spill (6 million gallons) but there will be an update on that next month. The Martin In-System Storage project is in design and being combined with the with the Bon Hour Rehabilitation project which is slated to be ready to bid in the Fall of 2023. The Martin RTB Improvements were approved last month and we are starting design. We have a \$400,000 green infrastructure grant. Mr. Astorino met with USACE in the past month and they are working on getting the contracts put together which is expected to take a few months. When it is ready, he will bring it before the board for final approval. Mr. Astorino mentioned that we are targeting April for the SRF public hearing before the board. The SRF is due in May. Mr. Baker mentioned that Mr. Astorino will be speaking with the SEMSD regarding some operational actions that would help reduce our spills. Mr. Baker also said the county is planning to go to the BOC Finance Committee on March 14th regarding the \$40 million in ARPA funds.

Mr. Baker stated that one project that will be brought to the BOC on the 14th is in St. Clair Shores. We would use \$20 million and partner with SEMSD to run a second pipe down Jefferson from 9 Mile Road to 10 ½ Mile Road. Mr. Astorino said that at that location, it goes from two pipes, down to one pipe, and back to two pipes. Obviously that creates a large bottle neck. By installing that second pipe, we can send a lot of this flow down towards Chapaton and utilize the storage there, and stop the flow

from going out to Lake St. Clair. It's significant, close to a 50% reduction at Martin just by putting in that pipe.

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

Adopted: YEAS: 2
NAYS: 0

The Chair presented the invoices totaling \$17,306.78 to the board for review and approval.

A motion was made by Mr. Santo, supported by Mr. Baker 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 Mr. Baker.

Adopted: YEAS: 2
NAYS: 0

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

Adopted: YEAS: 2
NAYS: 0

The meeting was adjourned at 10:05 a.m.



Brian Baker, Acting Chair
Macomb County Public Works Chief Deputy

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 February 13, 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.



Brian Baker, Acting Chair
Macomb County Public Works Chief Deputy

DATED: 2/13/23



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: March 13, 2023

Subject: Construction Projects Status Updates for the March 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 1: February 9, 2023

Rainfall: 0.96 inches

Treated Discharge Volume: 6.3 MG

Water Quality Numbers: 15 cts / 100 ml geometric mean (Permit maximum is 1000 cts/ml)

Description: Everything operated as designed and there were no issues to report.

Wet Weather Event 2: February 27, 2023

Rainfall: 1.08 inches

Treated Discharge Volume: 9.6 MG

Water Quality Numbers: 11 cts / 100 ml geometric mean (Permit maximum is 1000 cts/ml)

Description: Everything operated as designed and there were no issues to report.

MARTIN SANITARY DIVERSION
02/07/23 - 03/07/23

<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	Access Interactive LLC	\$ 515.25	Invoice #INV3761 - 02.13.23	SCADA Maintenance	
		Astorino	Consumers Energy	\$ 536.78	Invoice #204923392578 - 02.07.23	Monthly Utilities - 01.08.23 - 02.07.23	
		Astorino	DTE Energy	\$ 1,256.33	Invoice #23-096 - 02.16.23	Monthly Electric - 01.18.23 - 02.15.23	
		Astorino	Fishbeck	\$ 576.00	Invoice #420376 - 02.22.23	Inspection Program through 02.17.23	\$ 60,000.63
		Astorino	Fishbeck	\$ 1,775.50	Invoice #420439 - 02.22.23	RTB Improvements - Design Phase through 2.17.23	\$ 76,924.50
		Astorino	JCI Jones Chemicals Inc	\$ 9,743.99	Invoice #907436 - 02.23.23	Hypochlorite Solution	
		Total			\$ 14,403.85		

YTD Budget

Fund: Martin Sanitary Diversion

As of Fiscal Period: Oct 1, 2022-Feb 28, 2023(42%)

DESCRIPTION	2023 FINAL BUDGET	ENCUMBERED	ACTUAL	REMAINING BUDGET	PCT UTILIZED
REVENUE ACCOUNTS					
Investment Inc-Interest	5,000		386	4,614	7.7%
Reimb-Local Communities	1,061,070		530,535	530,535	50.0%
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	-	530,921	1,116,439	21.8%
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		12,314	1,095,686	1.1%
-As Needed Engineering	29,090		1,657	27,433	5.7%
-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		28,395	33,555	45.8%
Other Professional Svcs	9,800		1,259	8,541	12.8%
Personnel Services	220,100			220,100	0.0%
Repair & Maintenance	371,800		23,730	348,070	6.4%
Contribution to SCADA Reserve	5,810			5,810	0.0%
Scada System	34,620		3,509	31,111	10.1%
Utilities	45,600		2,753	42,847	6.0%
Total Expense Accounts	2,438,310	-	79,650	2,328,710	3.3%

	O&M Balance 9/30/2022	O&M	Total 2/28/2023
Cash - Operating	1,294,502	451,271	1,745,773
A/R ISS SEMSD	600,000		600,000
Assets			0
Liabilities			0
Revenues		530,921	530,921
Expenditures		79,650	79,650
Equity	1,894,502		2,345,773

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