

MARTIN SANITARY DIVERSION DRAIN
INTRA-COUNTY DRAINAGE BOARD
DECEMBER 12, 2022
10:00 A.M.
AGENDA

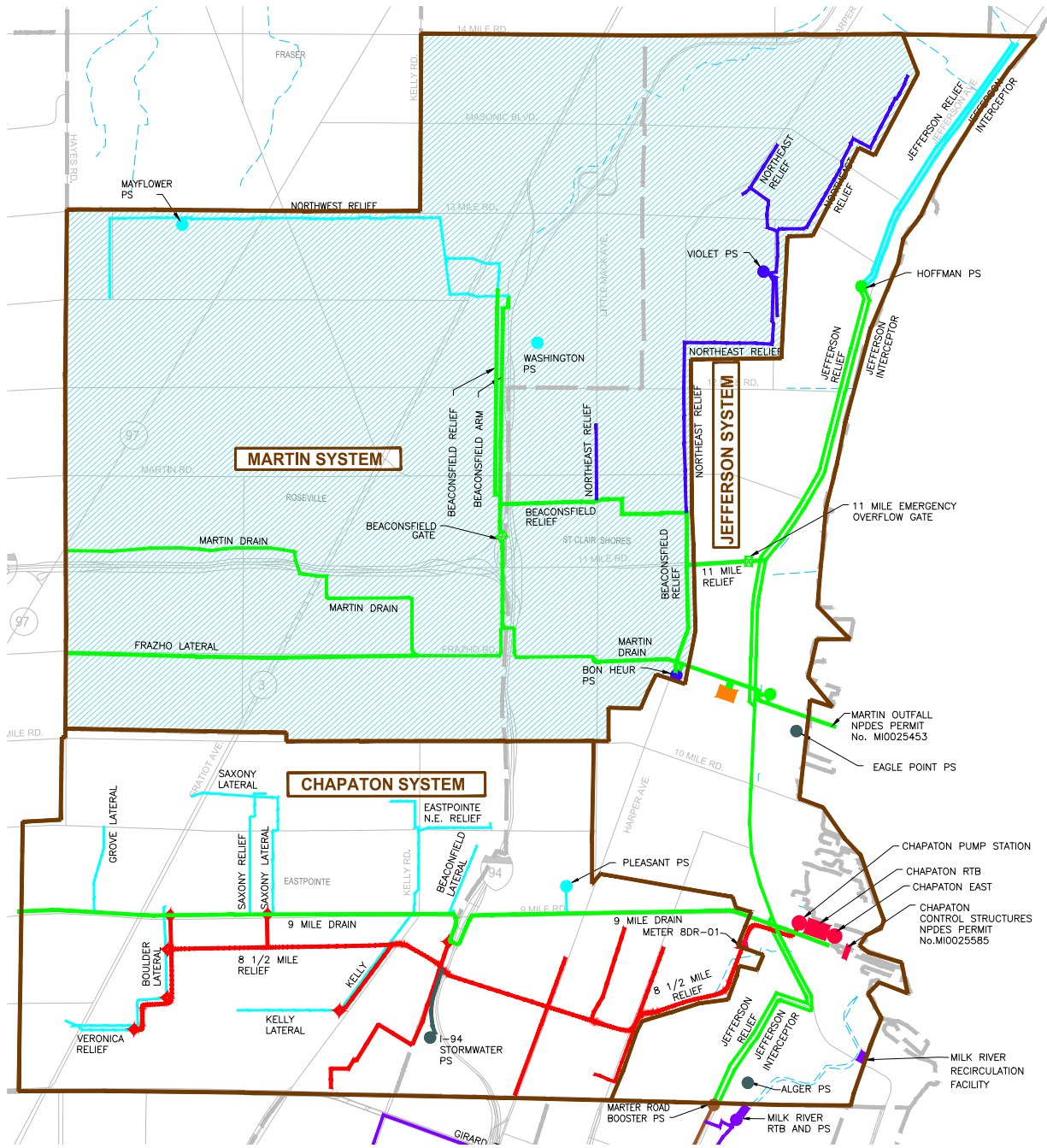
**NOTE: THIS MEETING WILL BE HELD IN PERSON WITH TELECONFERENCE
OPTION FOR PUBLIC**

**Call in Number: 1-321-529-9096
Access Code: 738 68 3904**

	Page
1. Call of meeting to order and roll call	
2. Approval of Agenda for December 12, 2022	
3. Approval of Minutes for November 14, 2022	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 November 14, 2022, at 10:18 A.M.

PRESENT: Candice S. Miller, Chair
Bryan Santo, Member
Harold Haugh, 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; Denise Harwood, Fiscal Analyst; Bruce Manning, Finance Manager; Pam Sonnenberg, Administrative Assistant; Tom Stockel, Construction Supervisor; Don Brown, Board of Commissioners; Don VanSyckel, Board of Commissioners

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

Adopted: YEAS: 3
NAYS: 0

Minutes of the meeting of October 24, 2022 were presented. A motion was made by Mr. Santo, supported by Mr. Haugh 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 updated on projects and operations. He stated that there were no wet weather events in the past month. We have had three wet weather events for the entire year for Martin and one event for Chapaton. We have a few projects in design or planning. The Martin In-System Storage is ready to go. We are going to combine this project with the Bon Hur Pump Station project because both projects are going to be in the same footprint. We will be in the same neighborhood for both projects and by combining them, we will get a better price and only disrupting the neighborhood one time for two projects. We have been talking with St. Clair Shores to keep them in the loop and will make the residents aware as the projects nears. It is slated for Fall 2023. He said that because there has been little rain, there has been a lot of odor complaints. This project will work to address that issue.

We are working on miscellaneous tasks with the Martin Retention Basin. We recently received a \$400,000 grant for Army Corps for Green Infrastructure. We are planning on using it for the parking lot area where the basin is. We are also working on procuring equipment to install new chlorine sample pumps within the retention basin. The new sample pumps will have three different locations within the facility and the pumps will be set at two different elevations to better track sodium hypochlorite concentrations. All of the facilities in the region have adopted this same process as a result of our pilot project.

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

Adopted: YEAS: 3
NAYS: 0

The Chair presented the invoices totaling \$74,657.95 to the board for review and approval.

A motion was made by Mr. Haugh, supported by Mr. Santo to approve the invoices as presented.

Adopted: YEAS: 3
NAYS: 0

Mr. Brown asked what the line item "as needed" on the budget was for. Mr. Astorino said that it was for consultants that we bring on for smaller projects.

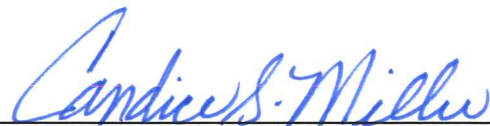
A motion to receive and file the financial report given by Mr. Manning was made by Mr. Santo and supported by Mr. Haugh.

Adopted: YEAS: 3
NAYS: 0

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

Adopted: YEAS: 3
NAYS: 0

The meeting was adjourned at 10:33 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 November 14, 2022 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: 11/14/22



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: December 12, 2022

Subject: Construction Projects Status Updates for the December 2022 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 this past month.

No active construction projects at the Martin RTB currently. The projects listed below are either in design or planning.

- 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.
 - Study phase just completed. Negotiating design costs with Fishbeck and targeting January board with a recommendation.
- USACE Green Infrastructure Grant
 - Currently waiting on USACE for the contract details to start the design phase for this project.
- Chlorine Sample Pumps
 - MCPWO staff have designed and started procuring equipment to install new sample pumps within the RTB. This project will improve the operator's ability to better dose the incoming flows within the basin with sodium hypochlorite. The new sample pumps will have 3 different locations within the facility and pumps will be set at two different elevations to better track sodium hypochlorite concentrations.

MARTIN SANITARY DIVERSION
11/29/2022 - 12/06/2022

<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	\$ 5,138.70	Invoice #INV000110000 - 07.27.22	SCADA Server	
		Astorino	Access Interactive LLC	\$ 1,029.60	Invoice #INV000110680 - 11.03.22	SCADA Maintenance	
		Manning	County of Macomb	\$ 44,007.24	Invoice #AR221048 - 10.26.22	Personnel 2nd Quarter 2022	
		Manning	County of Macomb	\$ 569.88	Invoice #AR221048 - 10.26.22	Indirect Costs 2nd Quarter 2022	
		Manning	County of Macomb	\$ 44,118.20	Invoice #AR221049 - 10.26.22	Personnel 3rd Quarter 2022	
		Manning	County of Macomb	\$ 569.88	Invoice #AR221049 - 10.26.22	Indirect Costs 3rd Quarter 2022	
		Astorino	DTE Energy	\$ 680.26	Invoice #22-380 - 11.17.22	Monthly Electric 10.18.22 - 11.16.22	
		Astorino	Fishbeck	\$ 1,857.50	Invoice #416837 - 11.02.22	In-System Storage Design 09.03.22 - 09.30.22	\$ 16,389.79
		Astorino	Fishbeck	\$ 1,857.50	Invoice #416837A - 11.02.22	In-System Storage Design 10.01.22 - 10.28.22	\$ 16,389.79
		Astorino	Fishbeck	\$ 8,255.40	Invoice #416851 - 11.02.22	Martin Flushing System - CCA	\$ 85,076.43
		Astorino	Fishbeck	\$ 9,274.81	Invoice #417811 - 11.30.22	As-Needed Services - RTB Improvements	\$ 75,801.62
		Astorino	Fishbeck	\$ 864.00	Invoice #417824 - 11.30.22	Inspection Program	\$ 67,054.63
		Astorino	State of Michigan	\$ 6,000.00	Invoice #11051452 - 12.1.22	NPDES Annual Permit Fee	
		Total			\$ 124,222.97		

YTD Budget

Fund: Martin Sanitary Diversion

As of Fiscal Period: Oct 1, 2022-Nov 30, 2022(17%)

DESCRIPTION	2023 FINAL BUDGET	ENCUMBERED	ACTUAL	REMAINING BUDGET	PCT UTILIZED
REVENUE ACCOUNTS					
Investment Inc-Interest	5,000		178	4,822	3.6%
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	-	530,713	1,116,647	21.8%
EXPENSE ACCOUNTS					
Application/Permit Fee	6,000			6,000	0.0%
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		2,658	1,105,342	0.2%
-As Needed Engineering	29,090			29,090	0.0%
-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		17,706	44,244	28.6%
Other Professional Svcs	9,800		1,078	8,722	11.0%
Personnel Services	220,100			220,100	0.0%
Repair & Maintenance	371,800			371,800	0.0%
Contribution to SCADA Reserve	5,810			5,810	0.0%
Scada System	34,620			34,620	0.0%
Utilities	45,600		822	44,778	1.8%
Total Expense Accounts	2,438,310	-	22,297	2,386,063	0.9%

	O&M Balance 9/30/2022	O&M	Total 11/30/2022
Cash - Operating	1,294,502	508,416	1,802,918
A/R ISS SEMSD	600,000		600,000
Assets			0
Liabilities			0
Revenues		530,713	530,713
Expenditures		22,297	22,297
Equity	1,894,502		2,402,918

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