

MARTIN SANITARY DIVERSION DRAIN
INTRA-COUNTY DRAINAGE BOARD
MAY 9, 2022
10:30 A.M.
AGENDA

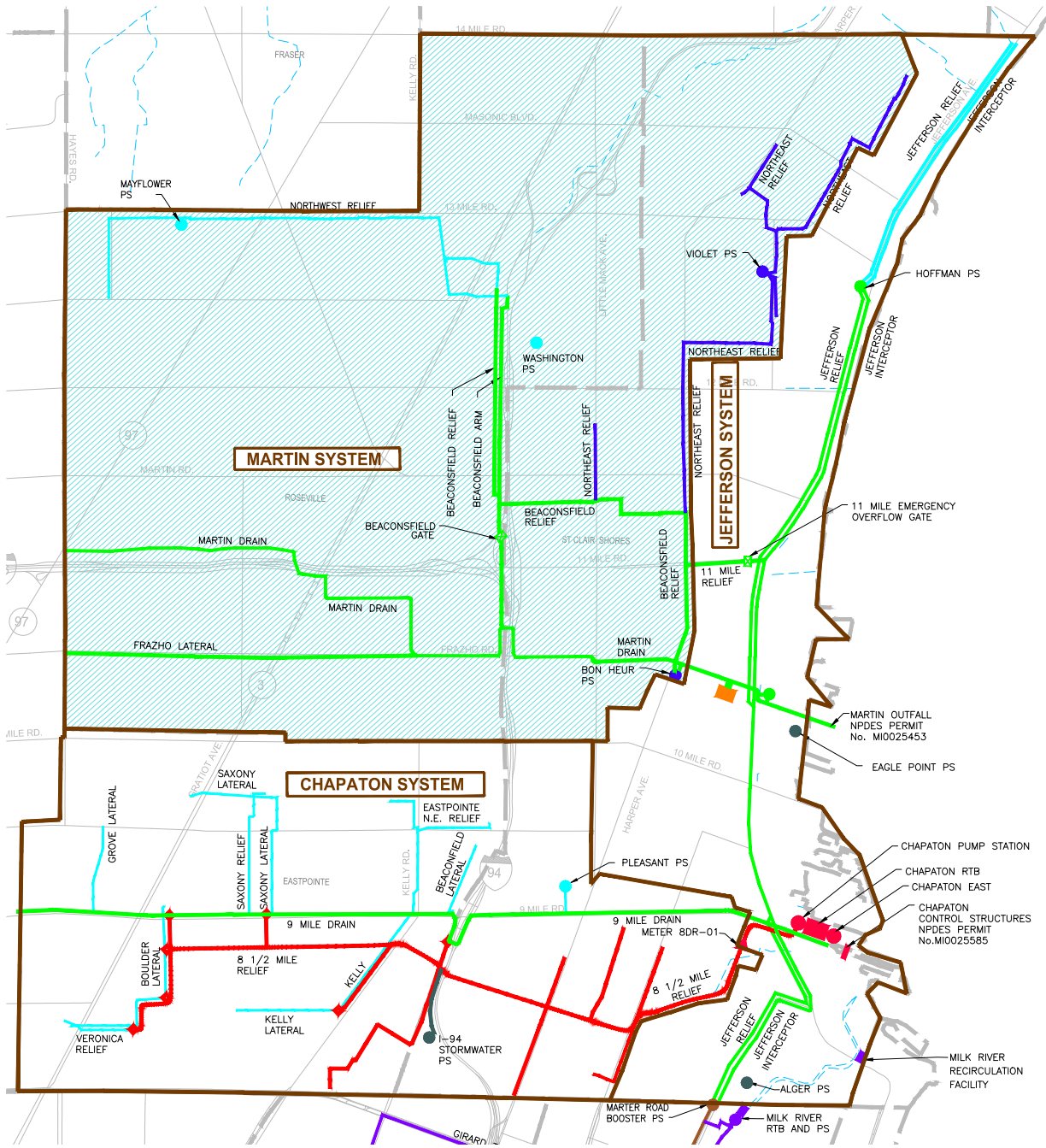
**NOTE: THIS MEETING WILL BE HELD IN PERSON WITH TELECONFERENCE
OPTION FOR PUBLIC**

**Call in Number: 1-970-639-1895
Access Code: 644 714 785**

	Page
1. Call of meeting to order and roll call	
2. Approval of Agenda for May 9, 2022	
3. Approval of Minutes for April 11, 2022	3
4. Public Participation	
5. Project & Operations Update – Vince Astorino	5
6. Consideration for approval of invoices (see attached)	10
7. Financial Report – Bruce Manning	11
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 April 11, 2022, at 10:04 A.M.

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

ALSO PRESENT: Vince Astorino, Operations & Flow Manager; Brian Baker, Chief Deputy; Stephen Downing, Construction and Maintenance Manager; Norb Franz, Communications Manager; Veronica Klinefelt, Macomb County Board of Commissioners; Bruce Manning, Finance Manager; Stephen Saph Sr., Nickel & Saph, Inc. Agent; Stephen Saph Jr., Nickel & Saph, Inc. Agent; Pam Sonnenberg, Administrative Assistant; Tom Stockel, Construction Supervisor; Don VanSyckel, Macomb County Board of Commissioners, Sarah Wojdyla, Drain Account Specialist

PRESENT VIA TELECONFERENCE: Daniel Acciavatti, Deputy Director Public Works

The meeting was called to order by the Chair, Candice 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 March 14, 2022 were presented. A motion was made by Mr. Haugh, supported by Mr. Santo 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.

A news article was presented regarding data testing of the water in Lake St. Clair and contaminants. Mr. Haugh asked if the permitting process will be a problem at Chapaton with respect to receiving the \$72 million. Mr. Astorino confirmed that we are permitted for the In-System Storage and Commissioner Miller said that there should be no problem with EGLE because that was the original plan.

A motion was made by Mr. Haugh, supported by Mr. Santo to receive and file the News Articles – Combined Sewer Overflows.

Mr. Astorino updated that there were no wet weather events in the past month. He stated that there is only one active construction project right now and that is the Martin Flushing Project. We are still waiting on them to mobilize. The gates which are the longest lead time on the project have arrived. The contract completion is scheduled for June.

The In-System Storage Project design is moving forward, they are past 60% design. We met with EGLE and everything is good. The target date to bid out is July 1st.

Commissioner Miller added that we sent a letter to the Eastpointe City Council and St. Clair Shores City Council members, residents along Beaconsfield, and City Managers to remind them of the work being done and the road closures.

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

Adopted: YEAS: 3
NAYS: 0

The Chair presented the invoices totaling \$ 42,699.89 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

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 10:15 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 April 11, 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: 04/11/22



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: May 9, 2022

Subject: Construction Projects Status Updates for the May 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.

Martin Flushing Improvements Project

Contractor: L. D'Agostini & Sons, Inc.

Engineering Consultant: AEW

Project Description:

This project consists of the installation of two small sluice gates and a concrete weir within the Martin Retention Treatment Basin (RTB) to aid in flushing sediment and debris. The existing piped flushing systems at the facility are largely abandoned and require the use of storm water or lake water to use as the water source. This adds cost since these sources ultimately become metered flow. In 2016, MCPWO obtained approval from EGLE for a pilot program to use dry-weather flow in the Martin Drain as the flushing water source. This program involves installing temporary stoplogs within the influent channel of the RTB to divert flow through the three main zones within the RTB. This program was successful but requires manned-entries to install and reconfigure the stoplogs. The completion of this project will provide remotely-operated gates and a passive weir to direct flow where needed.

Significant project tasks that have occurred over the past month:

1. Received, reviewed, and approved submittals from Contractor.

2. Contractor mobilized to the site on 4/26/22. Soil erosion measures and construction fencing has been installed.
3. The holes into the top of the basin have been cut and concrete removed.
4. Contractor has passed the approved contract substantial completion date of 4/17/22. MCPWO has issued notice of this to the contractor and has requested a recovery schedule to get back on track.

Construction Costs:

	Date (if applicable)	Amount
Original Contract Amount	10/19/21	\$610,049.34
Change Order	-	-
Revised Contract Amount	-	-
Total Spent to Date	-	-
Remaining Budget		\$610,049.34

Figure 1 – Site Area Setup



Figure 2 – Concrete removed from RTB roof



Figure 3 – New access in RTB roof for gate installation



Figure 4 – Excavation to RTB roof and plywood over cutout holes



MARTIN SANITARY DIVERSION
04.06.22 - 05.03.22

<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	\$ 771.00	Invoice #INV000109217 - 04.13.22	SCADA Maintenance	
		Astorino	Colville Electric Co., LLC	\$ 2,583.58	Invoice #22174 - 04.16.22	SCADA Wire Cleanup	
		Astorino	Cummins Sales & Service	\$ 841.43	Invoice #S6-86049 - 04.01.22	Generator Maintenance	
		Astorino	Cummins Sales & Service	\$ 660.32	Invoice #S6-86050 - 04.01.22	2 Hour Load Bank Test	
		Astorino	DTE Energy	\$ 908.25	Invoice #22-180 - 04.19.22	Monthly Electric 03.18.22 - 04.18.22	
		Astorino	Fishbeck	\$ 2,372.34	Invoice #408194 - 01.26.22	Flushing Project	\$ 129,068.91
		Astorino	Fishbeck	\$ 63,378.18	Invoice #408197 - 01.26.22	In-System Storage 12.25.21 - 01.21.22	\$ 203,013.83
		Astorino	Fishbeck	\$ 1,325.00	Invoice #410924 - 04.25.22	Confined Space/LOTO	\$ 126,099.84
		Astorino	Fishbeck	\$ 31,711.49	Invoice #410690 - 04.22.22	In-System Storage 03.19.22 - 04.15.22	\$ 133,627.17
		Downing	Nickel & Saph, Inc	\$ 1,901.84	Invoice #21848 - 04.12.22	Insurance Renewal 04.26.22 - 04.26.23	
		Astorino	Spencer Oil Company	\$ 1,026.30	Invoice #8991742 - 03.24.22	Diesel Fuel	
		Total			\$ 107,479.73		

YTD Budget

Fund: Martin Sanitary Diversion

As of Fiscal Period: Oct 1, 2021-Apr 30, 2022(58%)

DESCRIPTION	2022 FINAL BUDGET	ENCUMBERED	ACTUAL	REMAINING BUDGET	PCT UTILIZED
REVENUE ACCOUNTS					
Investment Inc-Interest	2,400		164	2,236	6.8%
Contribution from Community	600,000			600,000	100.0%
Reimb-Local Communities	1,011,270		1,011,270	-	100.0%
PY Revenue-Fund Balance	1,183,960			1,183,960	0.0%
<i>Total Revenue Accounts</i>	2,797,630	-	1,011,434	1,786,196	36.2%
EXPENSE ACCOUNTS					
Application/Permit Fee	6,000			6,000	0.0%
Dues, Training, Conf, Subs.	4,830		408	4,422	8.4%
Engineering					
-As Needed Engineering	25,000		2,901	22,099	11.6%
-Misc Sewer Repairs	20,000		116	19,884	0.6%
-Flushing System Upgrades-Design,Const, and CCA	795,040		2,869	792,171	0.4%
-In System Storage-Design and CCA	1,218,000		111,645	1,106,355	9.2%
-Design Basin Equipment Hatch	9,950			9,950	0.0%
-In System Storage-Design Money from SEMSD	333,000		12,620	320,380	3.8%
New Equipment	5,120		4,164	956	81.3%
Operating Supplies	44,880		24,207	20,673	53.9%
Other Professional Svcs	8,750		2,416	6,334	27.6%
Personnel Services	199,390		35,201	164,189	17.7%
Repair & Maintenance	58,800		24,932	33,868	42.4%
Scada System	26,320		5,709	20,611	21.7%
Utilities	42,550		31,664	10,886	74.4%
<i>Total Expense Accounts</i>	2,797,630	-	258,852	2,538,778	9.3%

	O&M Balance 9/30/2021	O&M	Total 4/30/2022
Cash - Operating	1,656,008	752,582	2,408,590
Accounts Receivable			0
Assets			0
Liabilities			0
Revenues		1,011,434	1,011,434
Expenditures		258,852	258,852
Equity	1,656,008		2,408,590

Detail of 2021 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	329,155	Fiber Optic improvements	3,220
Flushing System Upgrades-Design, Const, CCA	807,127	Firewall Hard Design/Config	2,580
CCTV of Dewatering Line and Influent and Effluent Boxes	25,000	Parking Lot Resurface	15,000
SCADA Reserves	14,090		
Capital Reserves	434,716		