

MARTIN SANITARY DIVERSION DRAIN
INTRA-COUNTY DRAINAGE BOARD
JUNE 13, 2022
10:00 A.M.
AGENDA

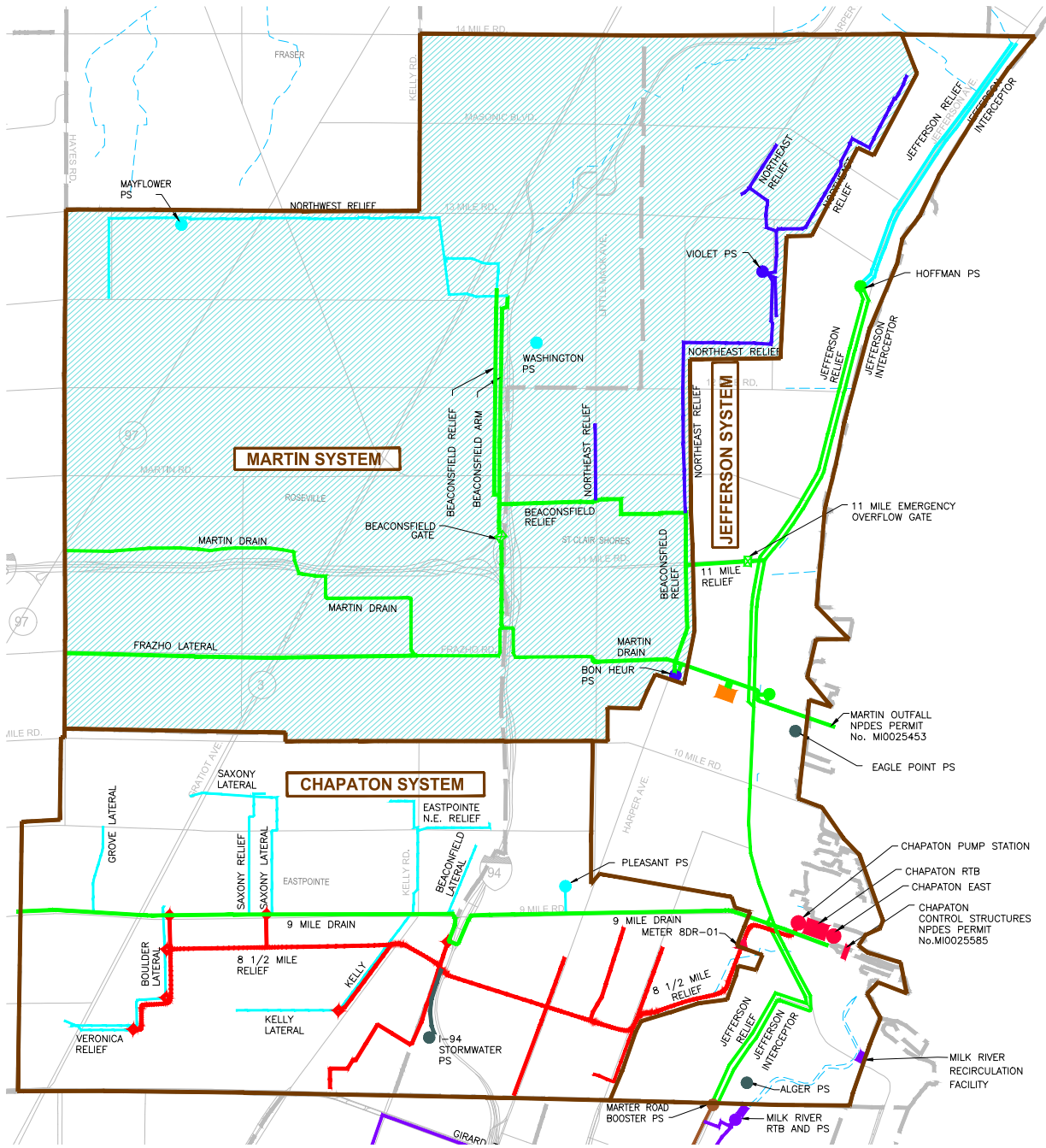
**NOTE: THIS MEETING WILL BE HELD IN PERSON WITH TELECONFERENCE
OPTION FOR PUBLIC**

**Call in Number: 1-650-933-5481
Access Code: 688 366 906**

	Page
1. Call of meeting to order and roll call	
2. Approval of Agenda for June 13, 2022	
3. Approval of Minutes for May 9, 2022	3
4. Public Participation	
5. Project & Operations Update – Vince Astorino	5
6. Martin In-System Storage Petitioned Improvements – Approval of Project Plans and Tentative Cost Apportionments - Brian Baker/Vince Astorino	9
Motion: To adopt the resolution approving the plans and specifications for the Martin Drain improvements, the tentative apportionment of costs, and setting of a public hearing on apportionment objections for July 11, 2022	
7. Consideration for approval of invoices (see attached)	24
8. Financial Report – Bruce Manning	25
9. 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 May 9, 2022, at 11:12 A.M.

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

ALSO PRESENT: Daniel Acciavatti, Deputy Government Relations; Vince Astorino, Operations & Flow Manager; Brian Baker, Chief Deputy; Stephen Downing, Construction & Maintenance Manager; Norb Franz, Communications Manager; Bruce Manning, Financial Manager; Pamela Sonnenberg, Administrative Assistant; Tom Stockel, Construction Supervisor; Don VanSyckel, Macomb County Board of Commissioners; Sarah Wojdyla, Drain Account Specialist

PRESENT VIA TELECONFERENCE: Madison Tanghe, Administrative Coordinator, Macomb County Public Works; Mary Shepard, Environmental and Safety Services Supervisor of Sterling Heights Department of 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 April 11, 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 the board that there were no wet weather events in the past month. The Martin Flushing contractor did not complete by the April 17 date. MCPWO has issued notice and requested a recovery schedule to get back on track to be completed by June 2, 2022. Once they received our letter they mobilized the next day. They started digging and cut holes. Hopeful that they will keep moving along on this project.

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

Adopted: YEAS: 3
NAYS: 0

The Chair presented the invoices totaling \$107,479.73 to the board for review and approval.

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

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 11:17 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 taking by the Intra-County Drainage Board for the Drainage District shown on the attached set of minutes, on May 9, 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: 5/9/2022



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: June 13, 2022

Subject: Construction Projects Status Updates for the June 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

Wet Weather Event: May 16, 2022

Rainfall: 1.83 inches

Treated Discharge Volume: 8.1 MG

Water Quality Numbers: 49 cts / 100 ml geometric mean (Permit maximum is 300 cts/ml)

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

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. The contractor has been working to run the hydraulic and electrical conduits through the retention basin.
3. 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.
 - o A recovery schedule has been provided by the contractor with a new substantial completion date of 6/2/22. This new schedule has also not been met by the contractor.

Construction Costs:

	Date (if applicable)	Amount
Original Contract Amount	10/19/21	\$610,049.34
Change Order	-	-
Revised Contract Amount	-	-
Total Spent to Date	4/30/22	\$215,494.17
Remaining Budget		\$394,555.17

Figure 1 - Hydraulic Lines and Electrical Conduit in RTB



Figure 2 - LDS Installing Hydraulic Lines



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

MACOMB COUNTY PUBLIC WORKS OFFICE



CANDICE S. MILLER

MACOMB COUNTY PUBLIC WORKS COMMISSIONER

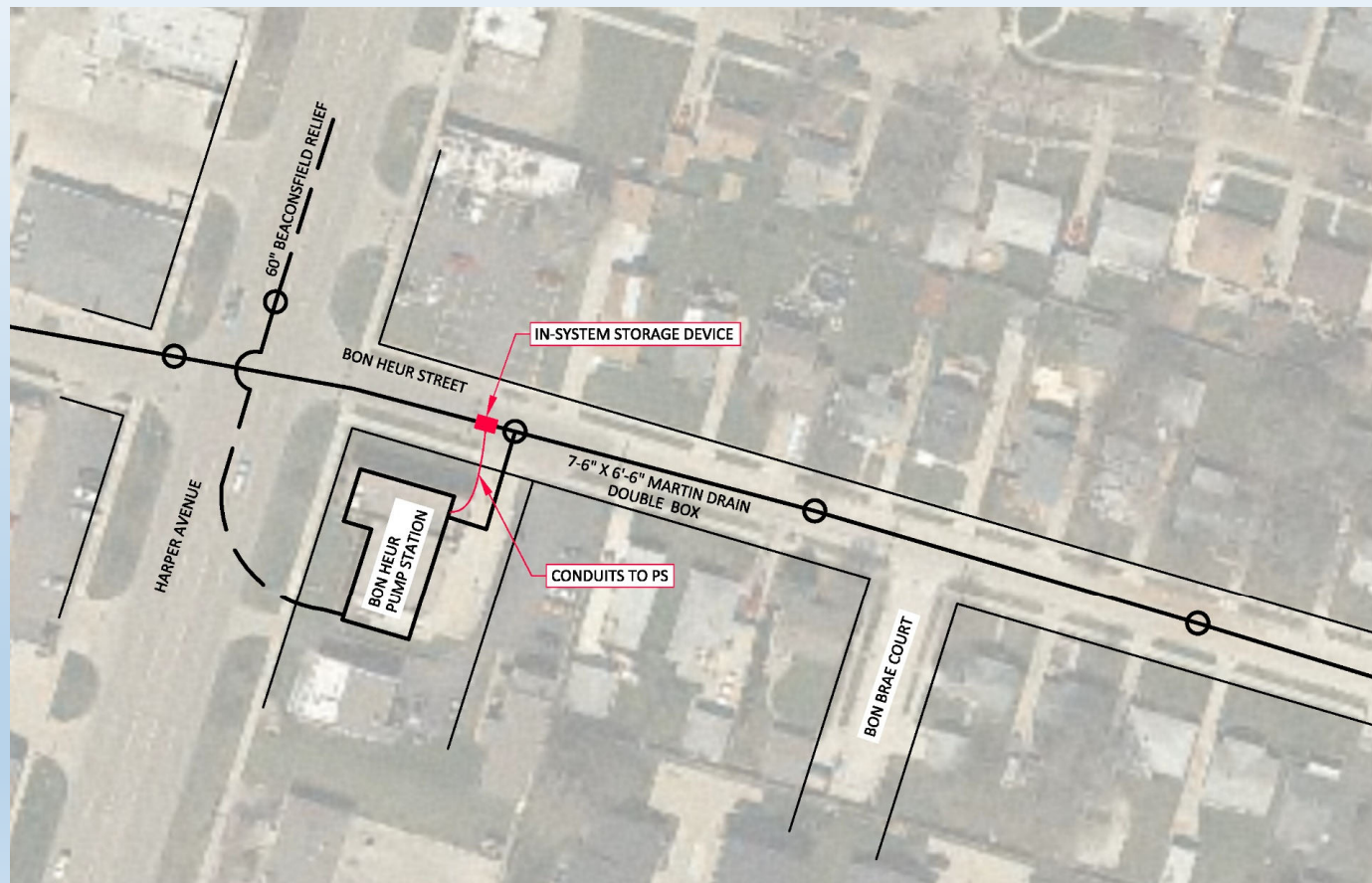
Martin In-System Storage

Presented on: June 13, 2022

Martin In-System Storage

Candice S. Miller

Macomb County Public Works Commissioner



- 4.3 Million Gallons of Storage
- 20% Average Annual CSO Reduction
- \$5M Cost Estimate

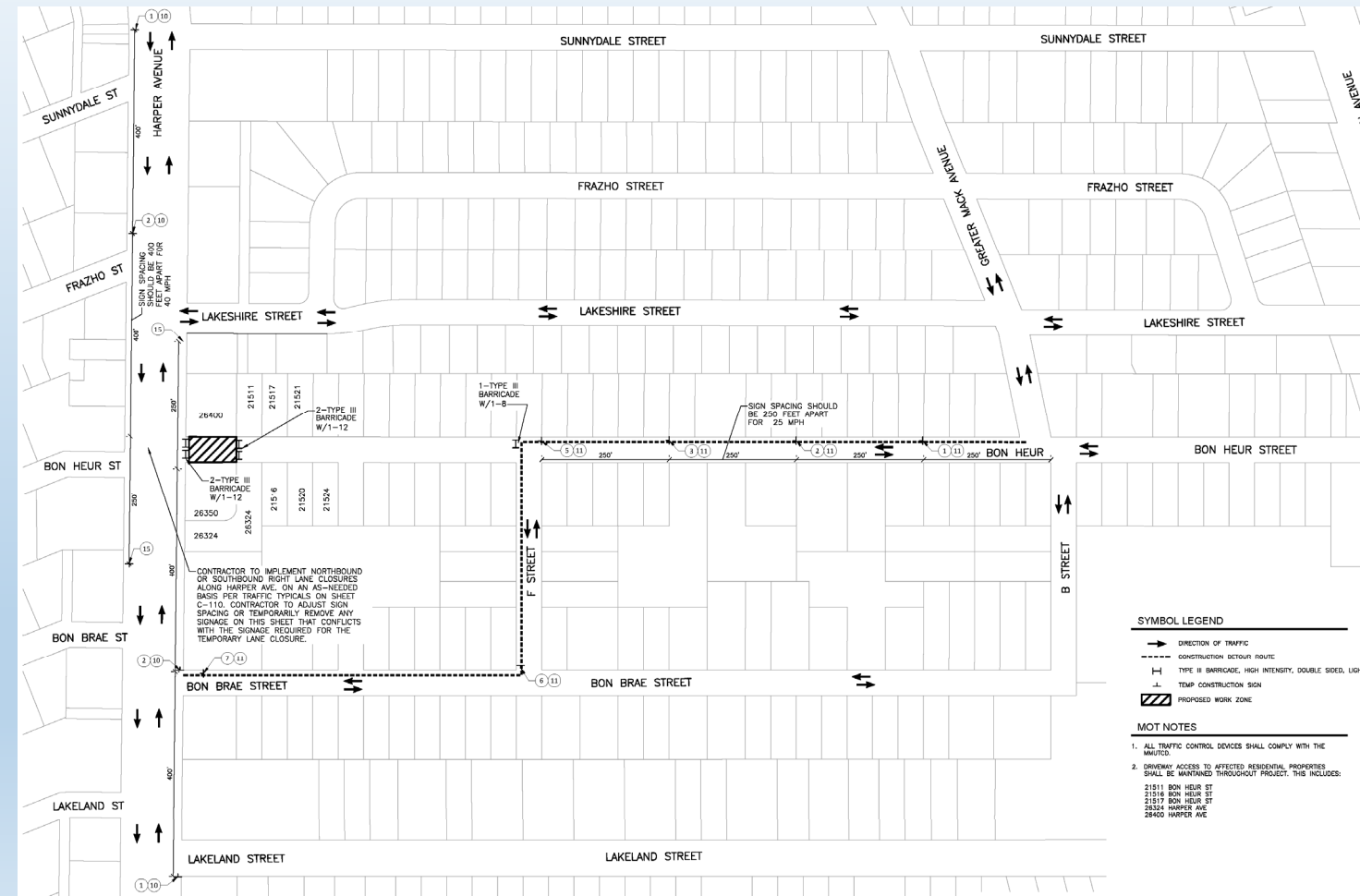
Martin In-System Storage - Traffic

Candice S. Miller

Macomb County Public Works Commissioner



- Bon Heur St. to be closed at Harper.
- Intermittent Easterly Northbound lane closures on Harper due to tight job site constraints.
- Currently planning on 1 year for construction but only allowing the contractor to close the road for 6 months.



Martin In-System Storage – Next Steps

Candice S. Miller

Macomb County Public Works Commissioner



- EGLE and SCS permits to be submitted in June.
- Design to be completed by the end of July.
- Public hearing on objection to apportionments on July 11.
- Planning to go out to competitive bid on August 15.
- Bids due back on September 27.
- Board recommendation for construction on October 17.
- Board approval of special assessment roll on October 17.

Memo

TO: Vince Astorino – Macomb County Public Works Office (MCPWO)
Martin Sanitary Diversion Drainage District

FROM: Maria E. Sedki, PE

DATE: June 7, 2022

PROJECT NO.: 211046

RE: Martin Drain In-System Storage Device
Project Summary

This memo provides a summary of the of the Martin Drain In-System Storage Device (Martin ISD) Project.

Objective

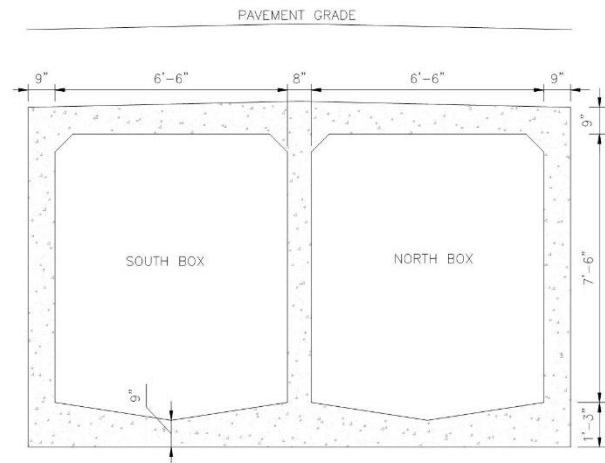
Reduce the number and frequency of treated combined sewer overflows (CSOs) from the Martin System to improve the water quality of Lake St. Clair.

Existing System

The Martin Drain extends from Harper Avenue to Jefferson Avenue. The drain varies in size but is a 6-foot 6-inch by 8-foot double box from Harper Avenue to Jefferson Avenue.

During dry weather conditions, the drain transports flow to the Jefferson Interceptor and eventually to the Great Lakes Water Authority (GLWA) for treatment.

During rain events, a portion of the flow continues to be transported to GLWA for treatment. The remaining flow is sent to the Martin Retention Treatment Basin (RTB) for storage. Should the flow exceed the 8.6-million-gallon capacity of the Martin RTB, it receives primary treatment and is then pumped to Lake St. Clair as a CSO.



In-System Storage

Currently, during many rain events, the Martin Drain flows only partially full, leaving much of the drain empty. As a result, CSOs are occurring from the Martin RTB while storage capacity is available in the system.

To remedy this, installing an ISD in the Martin Drain has been identified as a means to temporarily store flow upstream in the drain during certain rain events.

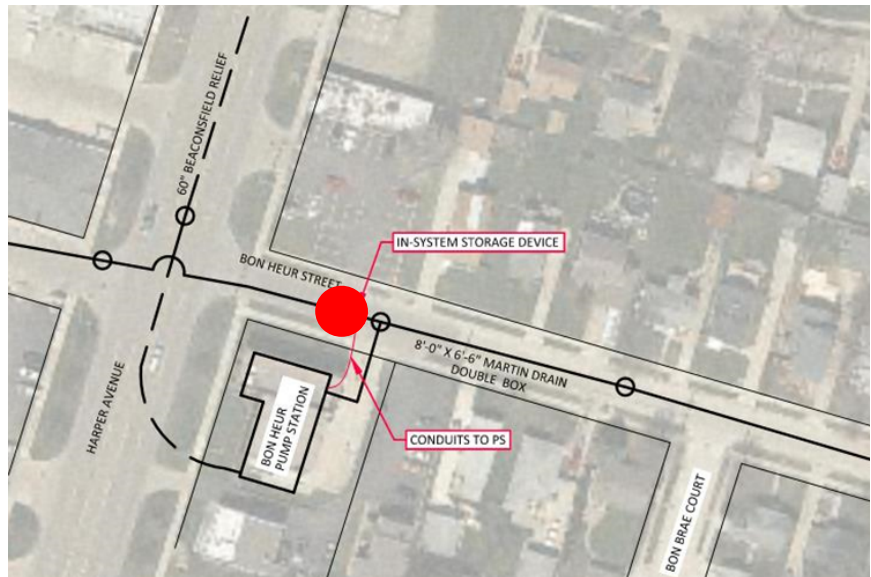
Two ISD options were analyzed: an inflatable rubber dam and a weir wall with gates. Due to the shallowness of the Martin Drain, the weir wall with gates emerged as the less risky and less expensive option.

Location and Ownership

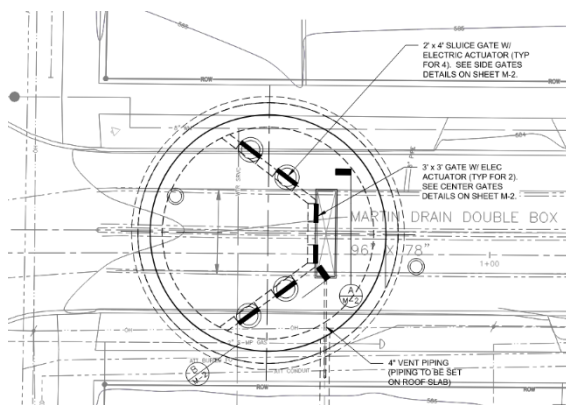
The ISD will be located on the Martin Drain on Bon Heur Street, just east of Harper Avenue, in front of the Bon Heur Pump Station.

The Martin Drain is owned and operated by the Southeast Macomb Sanitary District (SEMSD). The Bon Heur Pump Station is owned by the Southeast Macomb County Wastewater Disposal System and operated by the Macomb County Public Works Office (MCPWO).

Due to the need to operate the Martin ISD in synchrony with the Martin RTB, the Martin ISD will be owned by the Martin Sanitary Diversion District (MSDD) and operated by MCPWO.



An operation and maintenance agreement is being developed between MSDD and SEMSD to construct and operate the Martin ISD. The controls for the Martin ISD will be located in the Bon Heur Pump Station building.



How it Works

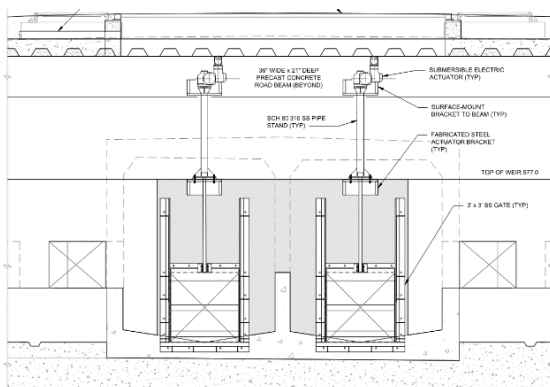
The Martin ISD will include a 35-foot circular chamber with a weir wall in the middle of it. Two 3-foot by 3-foot gates will be located in middle of the weir wall and four 2-foot by 4-foot gates will be located on the side weir walls.

The gates will be connected to the MCPWO supervisory control and data acquisition (SCADA) system and will be overseen remotely from the Chapaton Pump Station control room.

The four side gates will be closed at all times. During dry weather conditions, the two large gates will be in the open position to allow flow to pass.

During smaller rain events, the two large gates will close to allow flow to be stored upstream. This could eliminate some small CSOs from occurring.

During large rain events, the two large gates will remain open to allow flow to pass but will close at the tail end of the event to store flow and reduce the volume of CSOs



Project Status

The project is currently under design. Coordination is ongoing to relocate utilities.

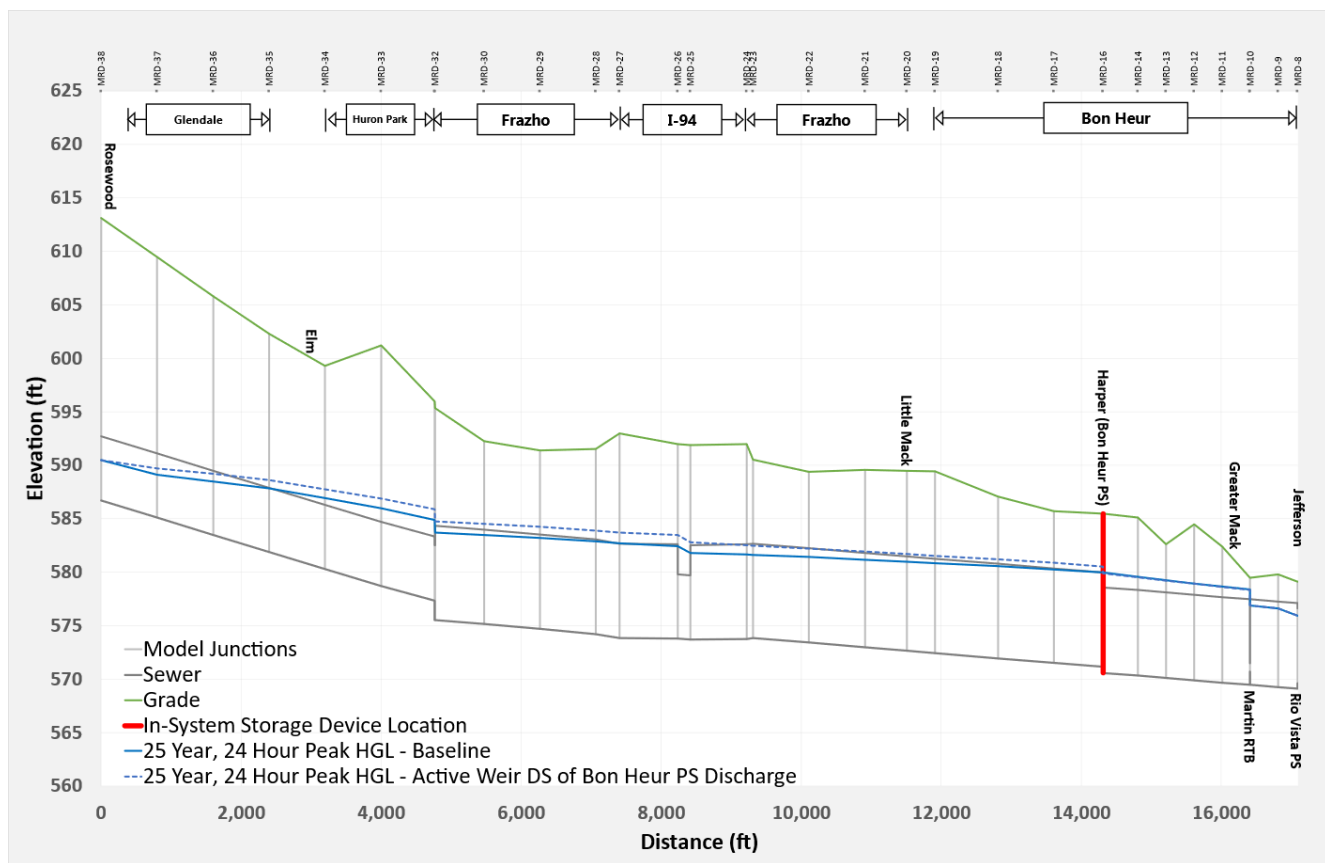
The project is anticipated to be bid out on August 15, 2022, with bid opening the week of September 26, 2022.

Construction is anticipated to begin in late November 2022 and be completed in November 2023.

Potential Impacts of the ISD During Rain Events

A hydraulic model of the system was developed as part of the Martin ISD design. A worst-case scenario was reviewed where the gates fail in the closed position for a 25-year, 24-hour design event. The figure below presents the impact to the maximum hydraulic grade line (HGL) under this condition. As can be seen, the Martin ISD does not change the HGL significantly.

All the Martin ISD gates will be tied to the generator at the Bon Heur Pump Station for backup should a power failure occur.



Preliminary Opinion of Probable Construction Cost

Fishbeck, ASI, NTH

Project: Martin Drain In-System Storage Devices - 90% Design
 Client: Martin Sanitary Diversion Drainage District
 Alternative: Weir Wall with Gates

Date: 5/18/2022
 Project No. 211046
 Prepared By: _____

No.	Item Description	Est. Qty	Unit	Unit Price (\$)	Total Cost (\$)
1	Bonds, Insurance, and Mobilization (5%)	1	LS	\$190,000	\$190,000
2	Preconstruction Audio-visual Documentation	1	LS	\$5,000	\$5,000
3	Soil Erosion and Sedimentation Control	1	LS	\$7,500	\$7,500
4	Traffic Control	1	LS	\$50,000	\$50,000
5	Flow Control	1	LS	\$125,000	\$125,000
6	Allowance for Permit Fees	1	ALLOW.	\$15,000	\$15,000
7	Allowance for Electrical Services and Relocations	1	ALLOW.	\$100,000	\$100,000
8	Allowance for Aerial Franchise Utility Relocations	1	ALLOW.	\$50,000	\$50,000
9	Allowance for Buried AT&T Relocations	1	ALLOW.	\$35,000	\$35,000
10	Allowance for Buried Gas Main Relocation	1	ALLOW.	\$35,000	\$35,000
11	Allowance for Electrical Integration	1	ALLOW.	\$40,000	\$40,000
12	Remove Pavement and Integral Curb	340	SY	\$30	\$10,200
13	Remove Sidewalk	105	SY	\$20	\$2,100
14	Temporary Earth Retention System	1	LS	\$325,000	\$325,000
15	Remove Ex. Martin Drain Double Box	1	LS	\$75,000	\$75,000
16	Water Main (DI, CL 54, 8", Trench B)	60	LF	\$225	\$13,500
17	Water Service (Long, 1-Inch)	1	LS	\$4,500	\$4,500
18	Martin Drain Weir Chamber	1	LS	\$2,250,000	\$2,250,000
19	36"x36" Gate & Electric Actuator	2	EA	\$50,000	\$100,000
20	24"x48" Gate & Electric Actuator	4	EA	\$40,000	\$160,000
21	Level Sensors	2	EA	\$45,000	\$90,000
22	Odor Control and Vent	1	LS	\$75,000	\$75,000
23	Electrical & SCADA Upgrades	1	LS	\$100,000	\$100,000
24	Pavt, Nonreinf Conc, 7 inch, w/ Integral Curb	250	SY	\$100	\$25,000
25	Pavt, Nonreinf Conc, 6 Inch	75	SY	\$80	\$6,000
26	Bituminous Pavement	4	Ton	\$375	\$1,500
27	Aggregate Base, 8-Inch	340	SY	\$15	\$5,100
28	Aggregate Base, 6-Inch	75	SY	\$14	\$1,050
29	Concrete Sidewalk, 4-Inch	945	SF	\$10	\$9,450
30	Seeding and Mulching	1	LS	\$5,000	\$5,000
31	Landscaping	1	LS	\$10,000	\$10,000
Sub Total					\$3,920,900
Contingency				%	20
Preliminary Opinion of Probable Construction Cost					\$4,705,900

In providing opinions of probable construction cost, the Client understands that the Consultant has no control over the cost or availability of labor, equipment or materials, or over market conditions or the Contractor's method of pricing.

The Consultant's opinions of probable construction costs are made on the basis of the Consultant's professional judgment and experience.

The Consultant makes no warranty, expressed or implied, that the bids or the negotiated cost of the Work will not vary from the Consultant's opinion of probable construction cost.

For additional information on the
Martin In-System Storage Project: Plans, Costs, and Specifications

Click Here: [Martin In-System Storage](#)

At a regular meeting of the Martin Drain Drainage Board, held at 21777 Dunham Road, Clinton Township, MI 48036 on June 13, 2022 at 10:00 a.m.:

PRESENT: _____

ABSENT: _____

The following resolution was offered by _____

WHEREAS, the duly designated engineers for the Construction of Improvements to the Martin Drain have presented to the Chairperson of this Drainage Board plans, specifications, and estimated costs; and

WHEREAS, this Drainage Board has duly considered the plans, specifications, and estimated costs of the construction; and

WHEREAS, Section 468 of the Michigan Drain Code, PA 40 of 1956, as amended, provides that before any tentative apportionment of costs of any drain project may be made, the Drainage Board shall designate the area(s) to be served by the drain project, which may or may not include all of the area in any public corporation to be assessed; and

WHEREAS, the duly designated engineers for the Construction of Improvements to the Martin Drain have reported to this Drainage Board their recommendations as to the description and boundaries of the area to be served by the project; and

WHEREAS, this Drainage Board has carefully considered the proper apportionment of costs of the Construction of Improvements to the Martin Drain to the public corporations receiving benefits therefrom.

NOW, THEREFORE, BE IT RESOLVED by the Martin Drain Drainage Board, as

follows:

1. The plans, specifications, route and course, and estimated costs of the Construction of Improvements to the Martin Drain, as submitted by Fishbeck, be and same are hereby duly approved and adopted by this Drainage Board.
2. Said plans, specifications, and estimated costs be filed forthwith with the Chairperson of this Drainage Board.
3. The area described in **Exhibit A**, attached hereto and made a part hereof, is hereby designated and determined to be the area to be served by the Construction of Improvements to the Martin Dain.
4. This Drainage Board tentatively establishes the percentage of the cost of the Construction of Improvements to the Martin Drain to be borne by the public corporations benefited and affected thereby as follows:

CITY OF ST. CLAIR SHORES, Macomb County, Michigan for benefits to the public health	21.91%
CITY OF ROSEVILLE, Macomb County, Michigan for benefits to the public health	78.09%

5. This Drainage Board will meet on July 11, 2022, at 10:00 a.m. at 21777 Dunham Road, Clinton Township, MI 48036, for the purpose of hearing any objections to such apportionment.
6. The notice of the meeting on objections to apportionments shall be substantially in the form of **Exhibit B**.

7. The notice shall be published twice in the Macomb Daily, a newspaper published in the County of Macomb, with the first publication to be not less than twenty (20) days prior to the time of the hearing.
8. The notice shall also be sent by the Chairperson of this Board by registered mail to (1) the City Clerk for the City of St. Clair Shores, and (2) the City of Clerk for the City of Roseville, which mailings shall not be less than twenty (20) days prior to the time of the hearing.
9. All prior resolutions and parts of prior resolutions insofar as they conflict with the provisions of this resolution are hereby rescinded.

Yeas: _____

Nays: _____

RESOLUTION DECLARED ADOPTED

I, the undersigned, the duly qualified and acting Chairperson of the Martin Drain Drainage Board, do hereby certify that the foregoing is a true and complete copy of certain proceedings taken by the Martin Drain Drainage Board at a meeting held on June 13, 2022 and further certify that the above Resolution was adopted at said meeting.

Candice S. Miller
Chairperson of the Drainage Board

Exhibit A



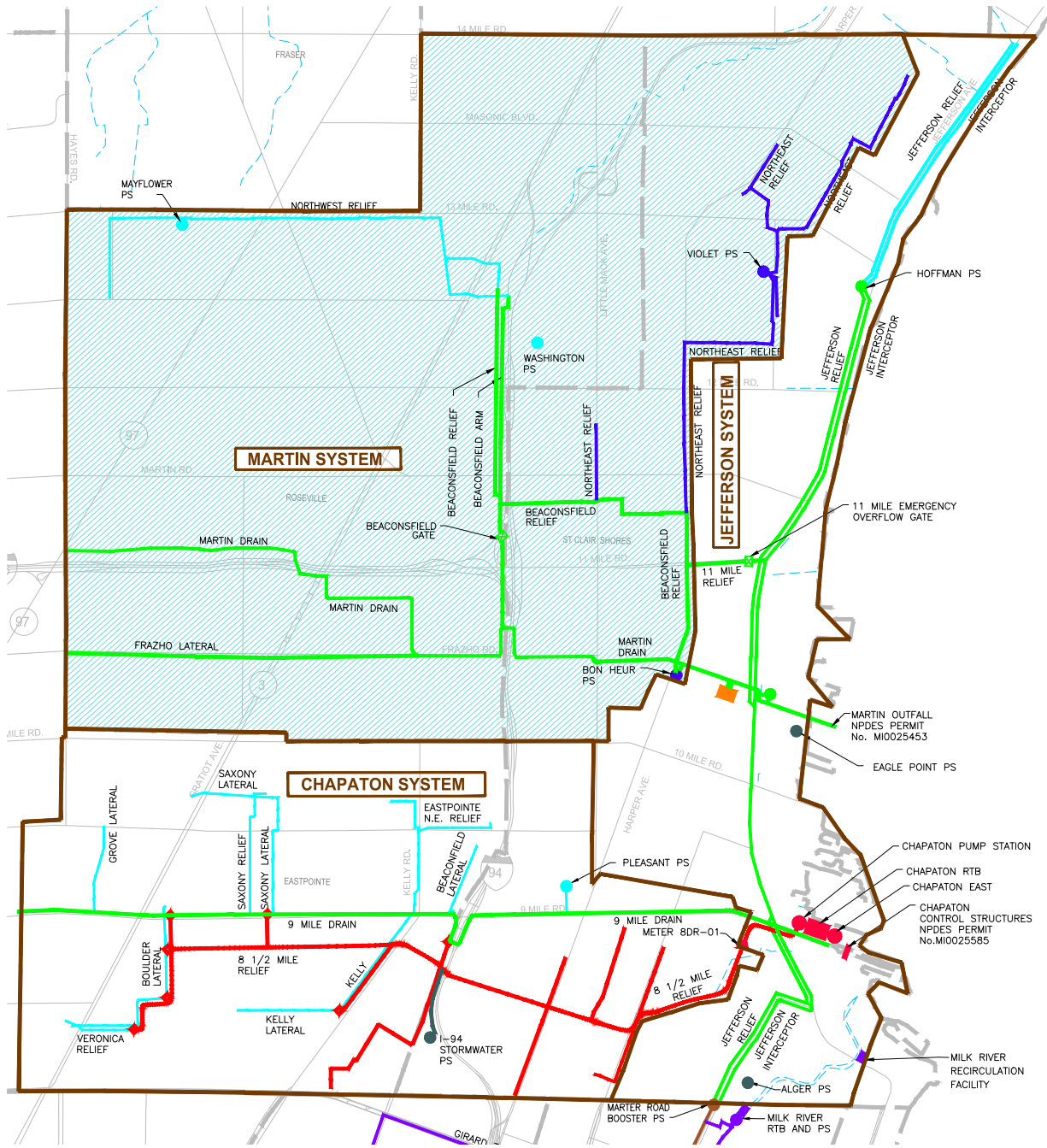
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MARTIN SYSTEM MAP

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
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- 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

Exhibit B

DATE: July 11, 2022

TIME: 10:00 a.m.

LOCATION: 21777 Dunham Road, Clinton Township, MI 48036

QUESTIONS: (586) 307-8210

PLEASE TAKE NOTICE that the cost of the Construction of Improvements to the Martin Drain have been determined by the Martin Drain Drainage Board (“Drainage Board”) on June 13, 2022 to be tentatively apportioned as follows:

CITY OF ST. CLAIR SHORES, Macomb County, Michigan for benefits to the public health	21.91%
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CITY OF ROSEVILLE, Macomb County, Michigan for benefits to the public health	78.09%
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PLEASE TAKE FURTHER NOTICE that the Drainage Board will meet at the above date, time and location for the purpose of hearing any objections to said apportionment.

Proceedings conducted at this public meeting will be subject to the provisions of the Michigan Open Meetings Act. Information regarding this meeting may be obtained from the Macomb County Public Works Commissioner’s Office located at 21777 Dunham Road, Clinton Township, MI 48036.

Persons with disabilities needing accommodations for effective participation in the meeting should contact the Drain Commissioner at the number listed above or through the Michigan Relay Center at 7-1-1 (TDD) at least 24 hours in advance of the meeting to request mobility, visual, hearing or other assistance.

Dated: _____

Candice S. Miller
Drainage Board Chairperson

<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	\$ 1,872.00	Invoice #INV000109462 - 05.12.22	Sonic Wall - SCADA		
		Astorino	County Of Macomb	\$ 46,536.10	Invoice #AR220462 - 05.10.22	1st Quarter Personnel and Operating Expenses		
		Astorino	DTE Energy	\$ 638.77	Invoice #STJNK-3Y5YV - 05.18.22	Monthly Electric 04.19.22 - 05.17.22		
		Astorino	Fishbeck	\$ 11,200.49	Invoice #411474 - 05.18.22	Martin Flushing	\$ 114,899.35	
		Astorino	Fishbeck	\$ 40,467.83	Invoice #411477 - 05.18.22	In-System Storage 04.16.22 - 05.13.22	\$ 93,159.34	
		Downing	Fishbeck	\$ 1,098.00	Invoice #411478 - 05.18.22	Inspection Program 04.16.22 - 05.13.22	\$ 115,168.99	
		Astorino	JCI Jones Chemicals Inc	\$ 8,330.66	Invoice #886092 - 05.23.22	Hypochlorite Solution		
		Baker	KHVVPF	\$ 650.00	Invoice #48108 - 04.01.22	Draft and Revise Agreements - SEMSD		
		Astorino	KHVVPF	\$ 625.00	Invoice #48243 - 05.01.22	Agreement Review		
		Astorino	L.D'Agostini & Sons, Inc.	\$ 215,494.17	Invoice #WO19006 - 06.02.22	Flushing Improvements	\$ 394,555.17	
		Manning	Macomb County Treasurer	\$ 1,460.00	Invoice #22-212 - 03.31.22	Admin Cross Charge - Reimburse General Fund		
		Downing	Meadowbrook Insurance	\$ 12,893.59	Invoice #9652 - 04.25.25	OCIP Policy - ISS Device		
		Downing	Meadowbrook Insurance	\$ 15,437.30	Invoice #9630 - 04.25.25	OCIP Policy - ISS Device		
		Downing	Meadowbrook Insurance	\$ 7,204.27	Invoice #9651 - 04.25.25	OCIP Policy - ISS Device		
		Downing	Meadowbrook Insurance	\$ 7,082.50	Invoice #9631 - 04.25.25	OCIP Policy - ISS Device		
		Downing	Meadowbrook Insurance	\$ 6,909.75	Invoice #9650 - 04.25.25	OCIP Policy - ISS Device		
		Downing	Meadowbrook Insurance	\$ 23,382.69	Invoice #9653 - 04.25.25	OCIP Policy - ISS Device		
		Astorino	Swan Analytical Instruments	\$ 1,409.50	Invoice #CD10003262-1 - 04.26.22	TRC Testing Agents		
		Total			\$ 402,692.62			

YTD Budget

Fund: Martin Sanitary Diversion

As of Fiscal Period: Oct 1, 2021-May 31, 2022(67%)

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		4,261	20,739	17.0%
-Misc Sewer Repairs	20,000		116	19,884	0.6%
-Flushing System Upgrades-Design, Const, and CCA	795,040		106,006	689,034	13.3%
-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		25,617	19,263	57.1%
Other Professional Svcs	8,750		3,889	4,861	44.4%
Personnel Services	199,390		82,627	116,763	41.4%
Repair & Maintenance	58,800		25,902	32,898	44.1%
Scada System	26,320		11,205	15,115	42.6%
Utilities	42,550		33,508	9,042	78.7%
<i>Total Expense Accounts</i>	2,797,630	-	421,968	2,375,662	15.1%

	O&M Balance 9/30/2021	O&M	Total 5/31/2022
Cash - Operating	1,656,008	589,466	2,245,474
Accounts Receivable			0
Assets			0
Liabilities			0
Revenues		1,011,434	1,011,434
Expenditures		421,968	421,968
Equity	1,656,008		2,245,474

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		