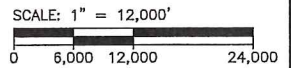
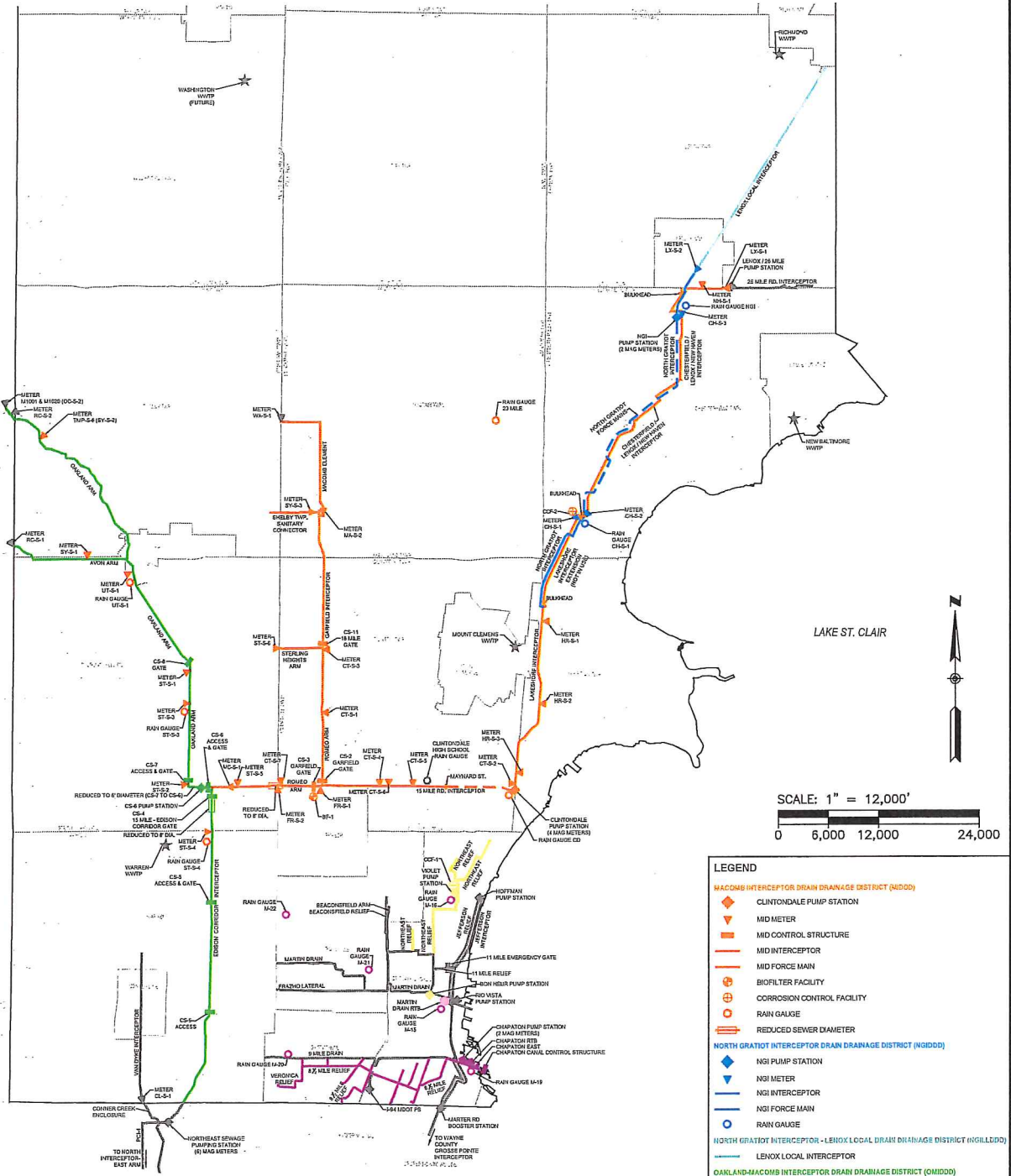


Miller
Santo
Haugh

MARTIN SANITARY DIVERSION DRAIN
INTRA-COUNTY DRAINAGE BOARD
JUNE 10, 2019
10:15 A.M.
AGENDA

	Page
1. Call of meeting to order and roll call	
2. Approval of Agenda for June 10, 2019	
3. Approval of Minutes for May 13, 2019	3
4. Public Participation	
5. Consideration for approval of invoices (see attached)	5
6. Financial Report – Bruce Manning	6
7. Adjourn	

MACOMB COUNTY WASTEWATER SYSTEMS



- LEGEND**
- MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT (MIDD)**
 - ◆ CLINTONDALE PUMP STATION
 - ◇ MID METER
 - ▬ MID CONTROL STRUCTURE
 - ▬ MID INTERCEPTOR
 - ▬ MID FORCE MAIN
 - ⊕ BIOFILTER FACILITY
 - ⊕ CORROSION CONTROL FACILITY
 - RAIN GAUGE
 - ▬ REDUCED SEWER DIAMETER
 - NORTH GRATIOT INTERCEPTOR DRAIN DRAINAGE DISTRICT (NGIDD)**
 - ◆ NGI PUMP STATION
 - ◇ NGI METER
 - ▬ NGI INTERCEPTOR
 - ▬ NGI FORCE MAIN
 - RAIN GAUGE
 - NORTH GRATIOT INTERCEPTOR - LENOX LOCAL DRAIN DRAINAGE DISTRICT (NGLLDD)**
 - ▬ LENOX LOCAL INTERCEPTOR
 - OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT (OMIDD)**
 - ◆ CS-6 PUMP STATION
 - ◇ OMD METER
 - ▬ OMD CONTROL STRUCTURE
 - ▬ OMD INTERCEPTOR
 - ▬ REDUCED SEWER DIAMETER
 - 8 1/2 MILE RELIEF DRAIN DRAINAGE DISTRICT**
 - ◆ CHAPATON WEST PUMP STATION
 - ◇ CHAPATON RETENTION TREATMENT BASIN
 - ▬ CHAPATON CANAL CONTROL GATE
 - ▬ 8 1/2 MILE INTERCEPTOR
 - RAIN GAUGE
 - SEMCOWS LOCAL DRAIN DRAINAGE DISTRICT (SEMLDD)**
 - ◆ SEMCOWS PUMP STATION
 - ⊕ CORROSION CONTROL FACILITY
 - ▬ SEMCOWS INTERCEPTOR
 - MARTIN'S SANITARY DIVERSION DRAINAGE DISTRICT (MSDD)**
 - ◇ MARTIN DRAIN RETENTION TREATMENT BASIN
 - OTHER SYSTEMS**
 - ◆ PUMP STATION
 - ◇ METER
 - ★ WWTP
 - ▬ INTERCEPTOR

Candice S. Miller
MACOMB COUNTY PUBLIC WORKS COMMISSIONER



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 13, 2019, at 10:55 A.M.

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

ABSENT: Harold Haugh, Member

ALSO PRESENT: Robert Mijac, Robert Leonetti, Macomb County Board of Commissioners; Brian Baker, Chief Deputy Commissioner, Vince Astorino, Operations & Flow Manager, Evans Bantios, Engineer II, Dan Heaton, Communications Manager, Kellie Kource, Drain Account Specialist, Bruce Manning, Financial Manager, Tom Stockel, Construction Engineer, Stephen Downing, Construction & Maintenance Manager, Macomb County Public Works

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

Adopted: YEAS: 2
NAYS: 0

Minutes of the meeting of April 8, 2019 were presented. A motion was made by Mr. Santo, supported by Ms. Miller 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 the board that as part of our new discharge permit for Martin we have to switch from time based sampling to flow based sampling. We have to measure the flow coming in, going out, and what we dewater at the beginning of the event and at the end of the event. There are two firms that do metering, ADS and Hesco. Hesco came back with the lower amount and are the same type of meters we installed at Chapaton.

A motion was made by Mr. Santo, supported by Ms. Miller to approve the proposal from Hesco in the not-to-exceed amount of \$47,273.50 for the purchase and installation of four required flow-based sampling meters.

Adopted: YEAS: 2
NAYS: 0

The Chair presented the invoices totaling \$7,001.52 to the board for review and approval.

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

Adopted: YEAS: 2
NAYS: 0

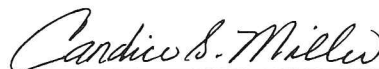
A motion to receive and file the financial report given by Mr. Manning was made by Mr. Santo and supported by Ms. Miller.

Adopted: YEAS: 2
NAYS: 0

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

Adopted: YEAS: 2
NAYS: 0

The meeting was adjourned at 11:08 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 13, 2019 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: 5/13/19

MARTIN SANITARY DIVERSION DRAIN 05/21/19 - 06/04/19

<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	\$ 590.44	Invoice #19-234 - 05.18.19	Monthly Electric - 04.16.19 - 05.16.19	
		Astorino	HESCO	\$ 750.00	Invoice #10400 - 05.09.19	Sampler Start-Up and Training	
		Astorino	JCI Jones Chemicals Inc.	\$ 4,142.40	Invoice #788694 - 05.13.19	Hypochlorite Solution - 4,578 gallons	
		Astorino	Spencer Oil Company	\$ 528.64	Invoice #590919 - 05.21.19	Diesel Fuel	
		Astorino	TestAmerica	\$ 545.00	Invoice #1900002283 - 05.06.19	Rain Event Tests	
		Astorino	TestAmerica	\$ 545.00	Invoice #1900002328 - 05.10.19	Rain Event Tests	
		Astorino	TestAmerica	\$ 630.00	Invoice #1900002369 - 05.15.19	Rain Event Tests	
		Total		\$ 7,731.48			

YTD Budget

Fund: Martin Sanitary Diversion

As of Fiscal Period: Oct 1, 2018-May 31, 2019

DESCRIPTION	2019 FINAL BUDGET	ENCUMBERED	ACTUAL	REMAINING BUDGET	PCT UTILIZED
REVENUE ACCOUNTS					
State-Grants					
Investment Inc-Interest	500		3,030	(2,530)	54.8%
Reimb-Local Communities	699,485		699,485	-	100.0%
PY Revenue-Fund Balance	95,750			95,750	0.0%
<i>Total Revenue Accounts</i>	<i>795,735</i>	<i>-</i>	<i>702,515</i>	<i>93,220</i>	<i>88.3%</i>
EXPENSE ACCOUNTS					
Application/Permit Fee	3,000		3,000	-	100.0%
Dues, Training, Conf, Subs.	5,750		135	5,615	2.3%
Engineering					
-As Needed Engineering	15,000		5,256	9,744	35.0%
-Design Basin Equipment Hatch	12,000			12,000	0.0%
-Design Flushing System Upgrades & First Flush Capture	200,000			200,000	0.0%
-SAW Match	17,700		12,415	5,285	70.1%
-Study of Disinfection System	20,000		5,932	14,068	29.7%
New Equipment	15,250		7,004	8,246	45.9%
Operating Supplies	44,550		27,266	17,284	61.2%
Other Professional Svcs	20,600		16,505	4,095	80.1%
Personnel Services	168,081		60,703	107,378	36.1%
Repair & Maintenance	60,810		7,078	53,732	11.6%
Scada System	16,914			16,914	0.0%
Utilities	46,080		32,252	13,828	70.0%
Capital Reserve	150,000			150,000	0.0%
<i>Total Expense Accounts</i>	<i>795,735</i>	<i>-</i>	<i>177,546</i>	<i>618,189</i>	<i>22.3%</i>

	O&M Balance 9/30/2018	O&M	Total 5/31/2019
Cash - Operating	338,645	537,384	876,029
Accounts Receivable			0
Assets			0
Liabilities			0
Revenues		702,515	702,515
Expenditures		165,131	165,131
Equity	338,645		876,029