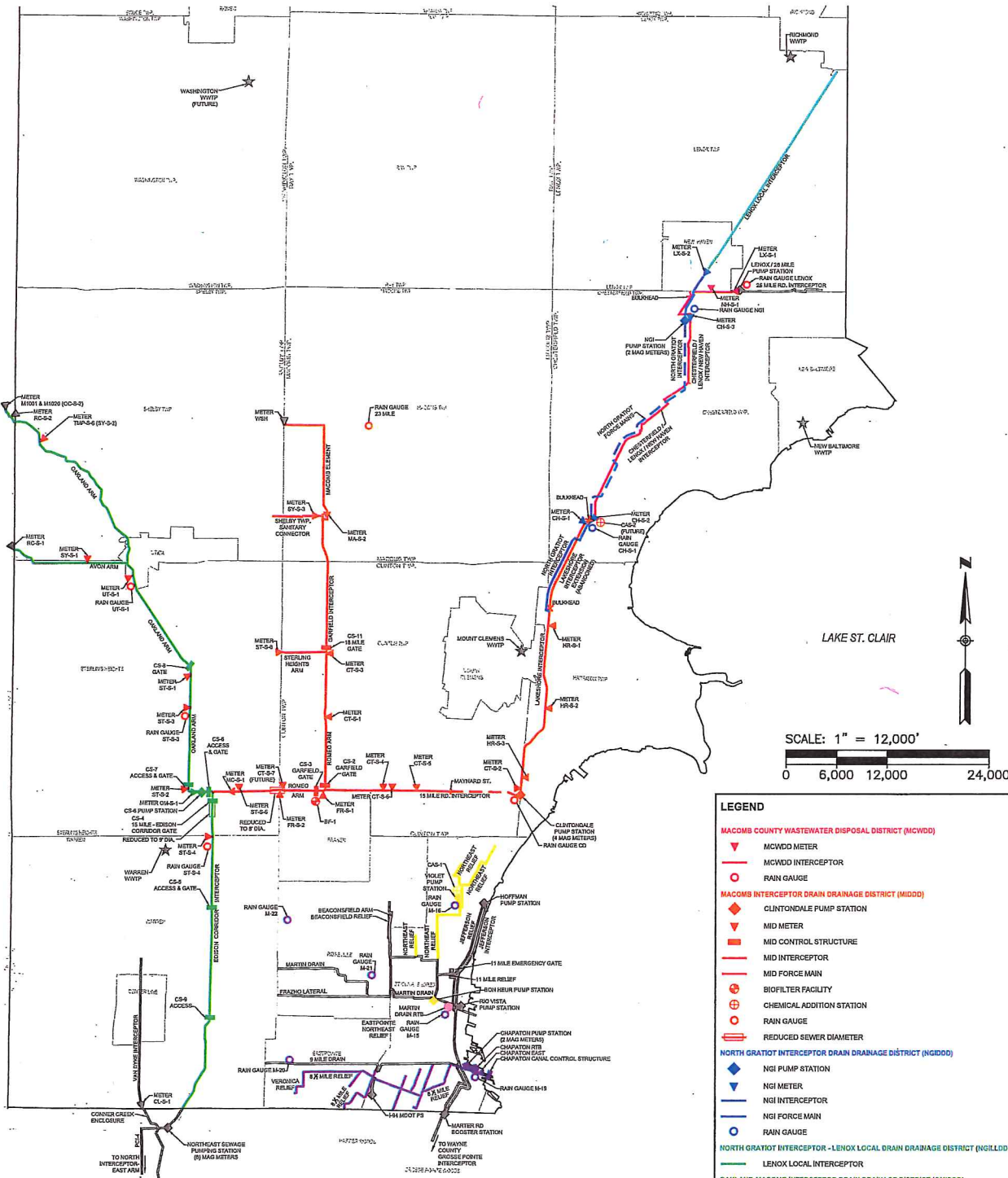


Miller
Santo
Klinefelt

EIGHT AND ONE-HALF MILE RELIEF DRAIN
INTRA-COUNTY DRAINAGE BOARD
NOVEMBER 13, 2017
10:00 A.M.
AGENDA

	Page
1. Call of meeting to order and roll call	
2. Approval of Agenda for November 13, 2017	
3. Approval of Minutes for October 16, 2017	3
4. Public participation	
5. Motion: Approve amended agreement with Hamlett Engineering Sales Company d/b/a HESCO for sewerage meter maintenance contract originally signed with Martin Control Services on October 24, 2016 – Vince Astorino	5
6. Consideration for approval of invoices (see attached)	9
7. Financial Report – Bruce Manning	16
8. Adjourn	

MACOMB COUNTY WASTEWATER SYSTEMS



LEGEND

- ▼ MACOMB COUNTY WASTEWATER DISPOSAL DISTRICT (MCWDD)
 - MCWDD METER
 - MCWDD INTERCEPTOR
- RAIN GAUGE
- ◆ MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT (MIIDD)
 - CLINTONDALE PUMP STATION
 - MID METER
 - MID CONTROL STRUCTURE
 - MID INTERCEPTOR
 - MID FORCE MAIN
 - BIOFILTER FACILITY
 - CHEMICAL ADDITION STATION
 - 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 (NGILLDD)
 - LENOX LOCAL INTERCEPTOR
- ◆ OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT (OMIDD)
 - CS-8 PUMP STATION
 - OMID METER
 - OMID CONTROL STRUCTURE
 - OMID INTERCEPTOR
 - REDUCED SEWER DIAMETER
- ◆ 1/2 MILE RELIEF DRAIN DRAINAGE DISTRICT
 - CHAPATON WEST PUMP STATION
 - CHAPATON RETENTION TREATMENT BASIN
 - CHAPATON CANAL CONTROL GATE
 - 1/2 MILE INTERCEPTOR
 - RAIN GAUGE
- ◆ SOUTHEAST MACOMB COUNTY WASTEWATER DISPOSAL DISTRICT (SEMCWDS)
 - SEMCWDS PUMP STATION
 - CHEMICAL ADDITION STATION
 - SEMCWDS INTERCEPTOR
- ◆ MARTIN 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 **EIGHT AND ONE-HALF MILE RELIEF DRAIN** was held in the Office of the Macomb County Public Works Commissioner, 21777 Dunham; Clinton Township, Michigan, on October 16, 2017, at 10:02 A.M.

PRESENT: Candice Miller, Chair
Bryan Santo, Member
Veronica Klinefelt, Member

ALSO PRESENT: Robert Smith, Macomb County Board of Commissioners; Brian Baker, Chief Deputy, Karen Czernel, Deputy, Keith Graboske, P.E., Chief Engineer, Vincent Astorino, Operations & Flow Manager, Evans Bantios, P.E., Construction and Maintenance Manager, Jeff Bednar, P.E., Environmental Engineer II, Tom Stockel, Construction Engineer, Bruce Manning, Financial Manager, Stephen Downing, Engineer II, Steven Rozycki, Engineer II, Tamara Keskeny, Property Manager, Barbara Delecke, Administrative Services, Macomb County Public Works; Ben Aloia, Aloia & Associates; Jared Beaudoin, City of Sterling Heights

The meeting was called to order by the Chair, Candice Miller. The agenda was approved as presented.

Minutes of the meeting of September 11, 2017 were presented and approved on a motion by Mr. Santo, supported by Ms. Klinefelt and unanimously carried.

The meeting was opened to public participation, then closed, there being no comments from the public.

The Chair presented the invoices totaling \$194,321.06 to the board for review and approval.

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

Ayes: Klinefelt, Santo, Miller
Nays: None

Motion approved.

A motion to receive and file the financial report given by Mr. Manning was made by Ms. Klinefelt, supported by Mr. Santo and unanimously carried.

The meeting was adjourned at 10:05 a.m. on a motion by Ms. Klinefelt, seconded by Mr. Santo, and unanimously approved.


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 October 16, 2017, 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: 10/17/17

8958.bd



Candice S. Miller

Public Works Commissioner
Macomb County

MEMORANDUM

To: Candice Miller – Public Works Commissioner
CC: Brian Baker – Chief Deputy
From: Vince Astorino – Operation & Flow Manager
Project: Sewage Meter Maintenance Contract Project No. 09-0014.45
Subject: Amendment Agreement Recommendation
Date: October 27, 2017

On October 24, 2016, the Macomb County Public Works Office (MCPWO) entered an agreement with Martin Control Services, Inc. (MCS) to service and maintain the vast flow metering network across the different drainage districts. This project was competitively bid and ultimately awarded to the lowest and highest qualified bidder that was MCS.

As of October 1, 2017, MCS has agreed to sell, transfer, and assign to Hamlett Engineering Sales Company d/b/a Hesco Group, Inc. (HESCO) substantially all of MCS's assets, including this service agreement. When this work was competitively bid there were two bidders for this work and the other was HESCO.

We have worked well in the past with HESCO and all MCS employees are going to stay in place, so our service should not be impacted. I recommend keeping this contract going which ends in 2019 and using the services of HESCO/MCS for it.

Our lawyers also recommended making some other minor changes to this contract while we have this opportunity. One is properly assigning work to the correct drainage districts. The second is removing Giffels Webster as the Engineer for this project as MCPWO Engineering staff is handling this work. I recommend both of these options as well.

**CONSENT TO ASSIGNMENT OF SEWAGE METER MAINTENANCE CONTRACT
AND AMENDMENT AGREEMENT**

- A. Effective October 24, 2016, Martin Control Services, Inc. ("MCS") entered into a Sewage Meter Maintenance Contract (the "Agreement") with the Macomb County Wastewater Disposal District ("MCWDD") to provide services (the "Services") to: (1) Macomb Interceptor Drain Drainage District; (2) Martin Sanitary Diversion Drain Drainage District; (3) 8.5 Mile Relief Drain Drainage District; and (4) Macomb County, under Act 342, with respect to the Southeast Macomb County Wastewater Disposal System. The entities referenced in (1) – (4) are referred to collectively herein as the "OWNERS."
- B. The MCWDD no longer acts as contracting agent for the OWNERS. Therefore, the OWNERS wish to effectuate this amendment to place the Agreement in the name of the OWNERS, as to their respective portions of the Services.
- C. Giffels Webster is identified in the Agreement as the "Engineer" and is given various responsibilities. Giffels Webster currently performs no services related to the Agreement, and the OWNERS wish to substitute the engineering staff of the Macomb County Department of Public Works as the "Engineer" in the Agreement.
- D. Pursuant to an Asset Purchase Agreement dated September 28, 2017, with an effective date of October 1, 2017 (the "APA"), MCS agreed to sell, transfer, and assign to Hamlett Engineering Sales Company d/b/a Hesco Group, Inc. ("HESCO") substantially all of MSC's assets, including the Agreement.
- E. The OWNERS have agreed to consent to the assignment of the Agreement from MCS to HESCO, pursuant to the terms and conditions of this Consent to Assignment of Sewage Meter Maintenance Contract and Amendment Agreement ("Consent and Amendment Agreement").

WHEREFORE, in consideration of the promises stated herein, the adequacy of which all parties acknowledge, the OWNERS, the MCWDD, MCS, and HESCO agree as follows:

- 1. The effective date of this Consent and Amendment Agreement is October 1, 2017.
- 2. The Agreement is hereby amended as follows:
 - a. The MCWDD is removed as a party and the OWNERS are substituted in its place, each to the extent of the Services performed for the benefit of the respective OWNERS and not jointly. HESCO shall bill each of the OWNERS separately, and only as to each respective OWNER'S responsibility for the Services.
 - b. Giffels Webster is hereby removed as the "Engineer" and the engineering staff of the Macomb County Department of Public Works, as directed by the Macomb County Public Works Commissioner, shall be fulfill all duties of the "Engineer."

c. All terms and conditions of the Agreement not amended hereby shall remain in place.

3. The OWNERS consent to the assignment of the Agreement from MCS to HESCO. HESCO assumes any and all of MCS's duties and obligations under the Agreement.

**MACOMB COUNTY, by its Public Works Commissioner
as County Agency under Act 342, acting for the MCWDD
and the SEMCWDS**

By: Candice S. Miller
Its: Public Works Commissioner

MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT

By: Candice S. Miller
Its: Board Chairperson

MARTIN SANITARY DIVERSION DRAIN DRAINAGE DISTRICT

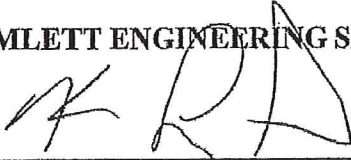
By: Candice S. Miller
Its: Board Chairperson

8.5 MILE RELIEF DRAIN DRAINAGE DISTRICT

By: Candice S. Miller
Its: Board Chairperson

[Signatures Continue on Following Page]

HAMLETT ENGINEERING SALES COMPANY



By: Kevin Livingston
Its: President

MARTIN CONTROL SERVICES, INC.



By: John MacDonald
Its: President

8 1/2 MILE RELIEF DRAIN - 11/13/17

Funding Source	Apportionment	Manager	Vendor	Amount	Invoice Detail	Project Summary	Project Balance
8 1/2 Mile Relief	Chapter 20 State of MI - 16.04% County of Macomb - 2.25% Dept. of Roads - 2.25% Eastpointe - 54.33%	Astorino Astorino Astorino Astorino Astorino Astorino Astorino	CDM Smith DTE Energy Fishbeck, Thompson, Carr & Huber, Inc. Motor City Electric Technologies, Inc. PVS Nolwood Chemicals, Inc. St. Clair Shores	\$ 2,872.94 \$ 5,473.29 \$ 1,064.64 \$ 1,200.00 \$ 4,251.19 \$ 3,594.76 \$ 9,045.95	Invoice #90028802 - 10/6/17 Monthly Electrical - 9/11/17 - 10/9/17 Invoice #370193 - 10/16/17 Engineering Services - ending 10/6/17 Invoice #91203 - 8/28/17 Invoice #572108 - 10/23/17 Water - 6/15/17 - 9/13/17	Sampling for TRC Mixing Zone Demo Stormwater Pumps As-needed Engineering SCADA Communication Issues Hypochlorite Solution - 4,003 gallons	\$ 1,317.36
Total							



645 Griswold Street, Suite 3770
 Detroit, MI 48226
 Tel: +1 (313) 963-1313
 Fax: +1 (313) 962-8525

Please Remit To:
 CDM Smith Inc.
 15050 Collections Center
 Drive
 Chicago IL 60693

INVOICE

MACOMB COUNTY PUBLIC WORKS
 VINCENT ASTORINO
 OFFICE OF THE MACOMB COUNTY PUBLIC WORKS
 COMMISSIONER
 21777 DUNHAM ROAD
 CLINTON TOWNSHIP MI 48036

Account Number: 000200418081
 Wire Routing: 011000138
 Invoice Number: 90028802
 Invoice Date: 06-Oct-2017
 Project Number: 221788

Amount Due : \$2,872.94

Pay ✓

Services from 01-JUN-17 to 30-SEP-17

Client Project Name : Sampling for TRC Mixing Zone Demo - 8 1/2 Mile Relief Drain Drainage District
 Client Project Number : 11-0013.1

TRC MIXING ZONE DEMO

Description	Amount
Direct Labor	\$2,872.94
Other Direct Costs	\$0.00
Outside Professionals	\$0.00
Total Due	\$2,872.94

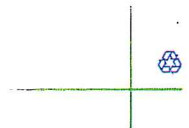
Description	Amount
Previously Invoiced	\$69,499.70 ✓
Invoiced ITD	\$72,372.64 ✓
Total Contract Amount	\$73,690.00 ✓
Balance Remaining	\$1,317.36 ✓
Percent Complete	98.21%

Chg: 8 1/2 Mile Ref

Date 9.30.17
 Chief Deputy _____
 Engineer (s) UA
 Manager (s) _____
 Coordinator (s) Bj
 Finance Officer hjm

PA037526 80300

*Staff 11.7.17
 Board 11.13.17*



Summary Of Charges

Account Number 9100-0005-3785

Previous Balance as of 09/13/2017 8,904.24
 Payment(s) and Credit(s) - 8,904.24
 Remaining Balance \$0.00

Current Charges

Service Location	Item	Service Type	Rate	Bill Period	Amount
23001 E 9 Mile Rd	7004376662	General Service Municipal Pumping-Net Metering	EFCND3_WP	09/11 - 10/09/17	5,473.29
		Taxes			0.00
		Miscellaneous Charges			0.00
		Current Bill			\$5,473.29

Account Information

17-514

MACOMB COUNTY
 MACOMB COUNTY DRAIN COMM
 21777 DUNHAM RD
 CLINTON TWP, MI 48036

RECEIVED
 OCT 17 2017
 MH

Account Number 9100-0005-3785

DTE-Energy Federal ID No. 38-3217752

Programs you are enrolled in:

How to contact us:

Power Outage See Detail Charges
 Billing Inquiry 1-734-397-4309

Please make any inquiry or complaint about this bill to DTE Energy before the Due Date. DTE Energy is regulated by the Michigan Public Service Commission, Lansing, Michigan

Important Information

Beginning with the September 2017 billing cycle, the Power Supply Cost Recovery (PSCR) factor will decrease from a credit of (0.03) cents per kWh to a credit of (0.233) cents per kWh. The PSCR factor allows DTE Electric to recover its actual fuel and purchased power expense and is billed to customers without any profit or markup.

Chg: 8 1/2 Mile Relief

Date	9.30.17
Chief Deputy	
Engineer(s)	UA
Manager(s)	
Coordinator(s)	BD
Finance Officer	ptm

PA 031523 92300





Fishbeck, Thompson, Carr & Huber, Inc.
engineers | scientists | architects | constructors

Federal I.D. No. 38-1841857 | Incorporated

Payment Options

Remit Wire/ACH payments to Acct: 100094457 ABA: 072413829
Remit checks to: 1515 Arboretum Drive, SE | Grand Rapids, Michigan 49546

RECEIVED
OCT 13 2017
BY: MH

Attention: Mr Vincent Astorino
Macomb County Public Works Commissioner
21777 Dunham Rd
Clinton Township, MI 48036
United States

Invoice : 370193
Invoice Date : 10/16/2017
Project : 130622
Project Name : Macomb Co PW/As-needed Assist
Bill Term : 1

For Professional Services Rendered Through 10/6/2017

B - MCPWC/As Needed Eng Assistance

Worked on SCADA Budget Analysis and SEMSD System Allocation

Rate Labor 1,772.00
Unit Rate Expense 2.40

Current

Billings

1,774.40

Current Billings

1,774.40

Amount Due This Bill

1,774.40

8 1/2 mile #0019 \$ 1064.64
#0018 Martin San Div \$ 443.60
Chg: SEMCWD \$ 266.16

Date	10.13.17
Chief Deputy	
Engineer(s)	UA
Manager(s)	
Coordinator(s)	SD
Finance Officer	bhm

PA037485 80300

Staff 11-7-17
Board 11-13-17



MOTOR CITY ELECTRIC TECHNOLOGIES INC.
AUTOMATION AND CONTROLS SOLUTIONS
 9440 GRINNELL
 DETROIT, MI 48213-1151
 PHONE (313) 921-5300 FAX (313) 921-5310
 "AN EQUAL OPPORTUNITY EMPLOYER"

RECEIVED
OCT 04 2017
MH

INVOICE

13030 MACOMB COUNTY PUBLIC WORKS
 21777 DUNHAM ROAD
 CLINTON TOWNSHIP, MI 48036

JOE BETZ

Job Number 915500	Sub Job 0	Contract Number 001	Date Performed 8/28/2017	Date 9/25/2017	Application Number 91203
----------------------	--------------	------------------------	-----------------------------	-------------------	-----------------------------

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	MACOMB COUNTY T&M	\$1,200.00	-	\$1,200.00	\$1,200.00	-	-
Totals:		\$1,200.00		\$1,200.00	\$1,200.00		
Less Retained:							
Invoice Total:				\$1,200.00			

AS NEEDED ELECTRICAL AND ENGINEERING SERVICE
 SEE ATTACHED INVOICE SUMMARY AND FIELD REPORT

CHAPATON
 G170821-083102 - 100% = \$900.00
 G170901-100455A - 100% = \$300.00

Chy: 8 1/2 Mile Ry

Date 9.30.17
 Chief Deputy BP
 Engineer(s) UA
 Manager(s) _____
 Coordinator(s) BO
 Finance Officer YHM

PA037321 80700

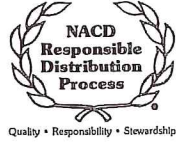
Staff 10-17-17
Board 11-13-17

complete electrical construction
 "We hereby certify that the articles and services covered by this invoice were produced and performed in compliance with all applicable requirements of Section 6, 7 and 12 of the Fair Labor Standards Act, as amended, and of regulations and orders of the United States Department of Labor issued under Section 14 thereof."



PVS Nolwood Chemicals, Inc.

10900 Harper Avenue, Detroit, MI 48213
Telephone: 313-925-0300 Fax: 313-571-2225



RECEIVED
NOV 02 2017
BY: MH

INVOICE
No. 572108

Sold To: Macomb County Public Works
57769 21777 Dumham
Clinton Twp, MI 48036

Ship To: Chapaton Retention Basin
57770 23001 Nine Mile Rd.
St. Clair Shores, MI 48089

Ship ID: 602066	Load ID: 333746	Payment Terms: Net 30 Days
Sales Order: 564526		Freight Type: DIRW-del
Customer PO:		Ship Via: CommCarBk
Invoice / Ship Date: 10/23/2017		Originating Warehouse: DIRW

SO Line	Quantity Ordered	Ord UOM	Qty to Follow	Product Description	Quantity Shipped	Quantity Invoiced	Inv UOM	Unit Price	Total
1	4,000.00	GA	0.00	PVS N Sodium Hypochlorite 12.5% (Bleach) Bulk	40,422.06	4,003.00000	GA	1.06200	4,251.19

Reference 242925D

Would you like to make ACH payments? Email us at ACH@pvschemicals.com with your company name and Sold To # [57769] to setup ACH payments.

Please Pay This Amount
\$4,251.19

Please Remit To: **PVS Nolwood Chemicals, Inc.**
25210 Network Place
Chicago, IL 60673-1503

Chg: 8 1/2 Mile Rly

Date	<u>11-2-17</u>
Chief	_____
Engineer (s)	<u>VA</u>
Manager (s)	_____
Coordinator (s)	<u>SD</u>
Finance Officer	<u>DM</u>

PA037688 74200

Staff 11-7-17
Boora 11-13-17



St. Clair Shores Water Bill

ACCOUNT NUMBER

23287-00

SERVICE ADDRESS

23001 NINE MILE

SERVICE TYPE

Government

PREVIOUS READ

1111

CURRENT READ

1138 A

CONSUMPTION

222

FROM: SERVICE PERIOD TO:

06/15/2017 09/13/2017

DUE DATE

10/23/2017

PAY AFTER DUE DATE

3774.49

PAY BY DUE DATE

3594.76

PREVIOUS BALANCE	0.00
Water	1051.84
Sewer	1426.35
Customer Chg	342.00
Retention Basins O&M	0.49
Storm Water	774.08

CURRENT BALANCE

3594.76

Temp-Return Service Requested

8278 1 AB 0.403

8278-8278-20



MACOMB COUNTY PUBLIC WORKS
21777 DUNHAM RD
CLINTON TWP MI 48036-1005

OCT 04 2017

MH

MONTHLY BUDGET

Chg: 8 1/2 Mile Ref

9.30.17

PLEASE RETAIN THIS UPPER PORTION FOR YOUR RECORDS.
YOUR CANCELLED CHECK IS YOUR RECEIPT.

Water rate: \$4.738/unit
Sewer rate: \$6.425/unit
Total rate: \$11.163
One unit = 748 gallons

17.470

Chief Deputy AB
 Engineer(s) JA
 Manager(s) _____
 Coordinator(s) BD
 Finance Officer HAM

FOR FURTHER INFORMATION PLEASE CALL:

BILLING INFORMATION - (586) 445-3300

SERVICE INFORMATION - (586) 445-5374

VISIT US ON THE WEB AT www.scsmi.org

To Pay by Credit Card or Electronic Check



Visit www.scsmi.org

Online Payments and Services

or call 1-855-414-9009 (credit card only)

Point and Pay LLC, the service provider, charges a fee for this service of:
3.00% for credit cards (\$1.50 minimum)
Electronic checks are provided as a FREE service.

IMPORTANT INFORMATION - SEE REVERSE SIDE

REMOVE DOCUMENT ALONG THIS PERFORATION
AND MAKE SURE RETURN ADDRESS APPEARS THROUGH WINDOW



City of
St. Clair
Shores

27600 Jefferson Ave.
St. Clair Shores, MI 48081

Staff 10.17.17
Board 11.13.17

PA 37270 92100
Clapaton West

Income Statement
8.5 Mile Relief
As of October 31, 2017

	9-30-2017 Total Fund	10-1-17 to 10-31-17 O&M
Revenues		1,403,312
Expenditures		2,977
Equity**	3,034,401	1,400,335

NOTES

Projected Reserves as of Sept 30, 2017	600,000
Projected required SRF repair & replacement reserve balance 9/30/17	1,296,075
Total	1,896,075

** Broken out as follows:

Engineering carryover balance at 9/30/2017	356,050
Repair and Maintenance carryover at 9/30/2017	422,000
SCADA reserve at 9/30/2017	40,000
Equipment carryover balance at 9/30/2017	131,800
Required SRF repair & replacement reserve balance 9/30/17	1,296,075
Emergency Reserve	600,000