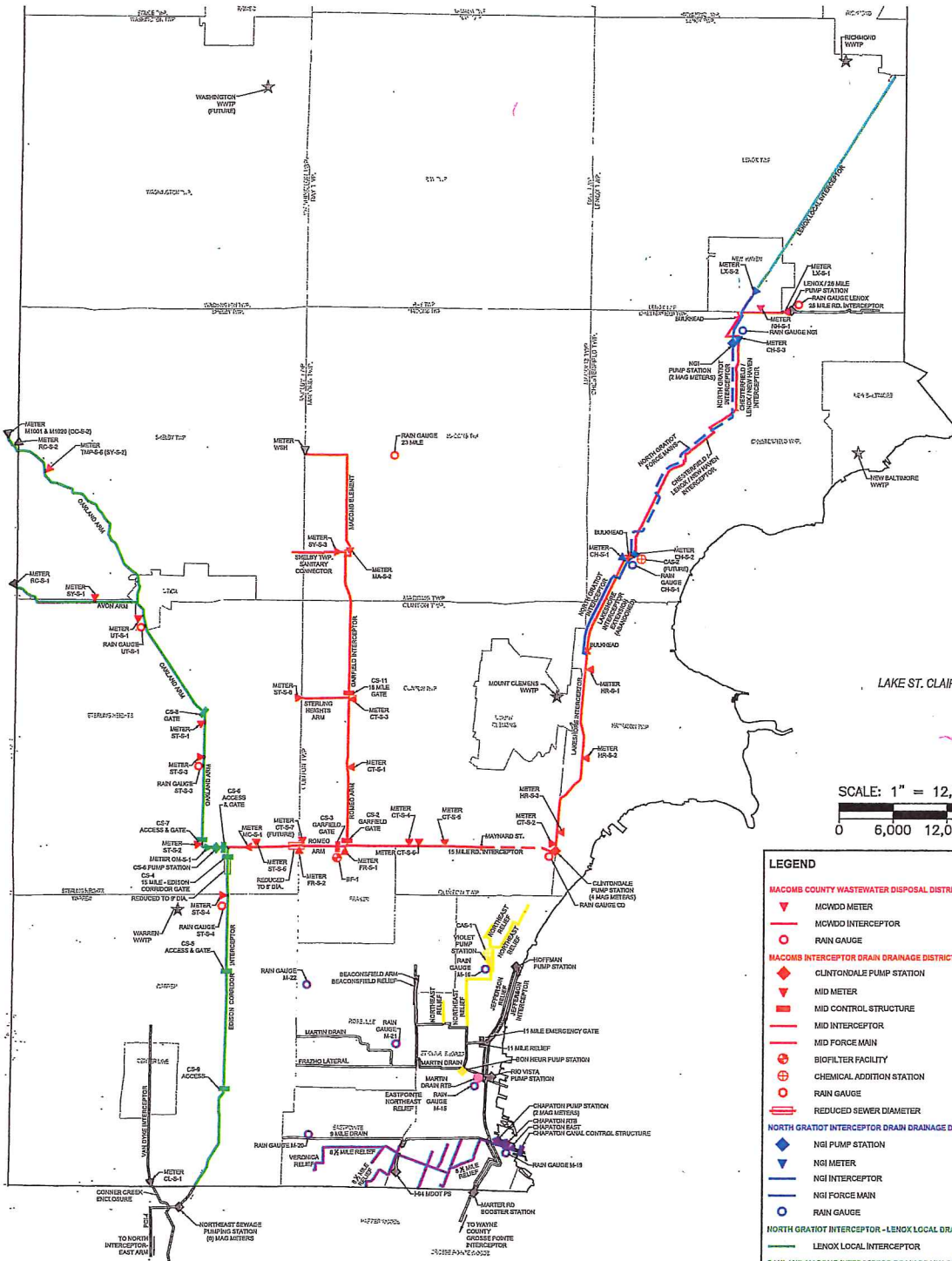


Miller
Santo
Klinefelt

EIGHT AND ONE-HALF MILE RELIEF DRAIN
INTRA-COUNTY DRAINAGE BOARD
MARCH 12, 2018
10:00 A.M.
AGENDA

	Page
1. Call of meeting to order and roll call	
2. Approval of Agenda for March 12, 2018	
3. Approval of Minutes for February 12, 2018	3
4. Public participation	
5. Consideration for approval of invoices (see attached)	6
6. Financial Report – Bruce Manning	26
7. Adjourn	

MACOMB COUNTY WASTEWATER SYSTEMS



SCALE: 1" = 12,000'

0 6,000 12,000 24,000

LEGEND

- MACOMB COUNTY WASTEWATER DISPOSAL DISTRICT (MCWDD)**
 - ▼ MCWDD METER
 - MCWDD INTERCEPTOR
 - RAIN GAUGE
- MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT (MIDD)**
 - ◆ 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 (NGLLDD)**
 - LENOX LOCAL INTERCEPTOR
- OAKLAND-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT (OMIDD)**
 - ◆ CS-6 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
- SUPPORTING WASTEWATER DISPOSAL SYSTEMS**
 - ◆ SEMCOWS PUMP STATION
 - ⊕ CHEMICAL ADDITION STATION
 - SEMCOWS 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 February 12, 2018, at 10:02 A.M.

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

ALSO PRESENT: Robert Leonetti, Robert Mijac, Joseph Romano, Marvin Sauger, Kathy Tocco, Macomb County Board of Commissioners; Brian Baker, Chief Deputy, Vincent Astorino, Operations & Flow Manager, Evans Bantios, P.E., Construction and Maintenance Manager, Jeff Bednar, Environmental Engineer, Dan Heaton, Public Relations Manager, Bruce Manning, Financial Manager, Tom Stockel, Construction Engineer, Madison Tanghe, Senior Secretary, Macomb County Public Works; Mike Klinefelt, Councilperson, City of Eastpointe

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

Minutes of the meeting of January 8, 2018 were presented. A motion was made by Mr. Santo, supported by Ms. Klinefelt 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 recommended the board award the contract for the Chapaton Retention Basin Expansion Study. Macomb County Public Works office put together a proposal to expand the Chapaton Basin. The proposal went out on December 14, 2017, and was available on MITN (Michigan Inter-Governmental Trade Network) until January 29, 2018. Sixty one firms downloaded the proposal and seven proposals were received. Out of the seven received, one was rejected due to submitting cost incorrectly, which left us with six proposals to review. Our five person review team of engineers went through and reviewed all six proposals. The team rated the qualifications and unanimously scored Tetra Tech the highest. Finally the costs were opened, reviewed and scored. Tetra Tech ended up being in the middle of the other submitted proposal costs. In total, Tetra Tech scored highest with a rating of 95%. The study is fully budgeted.

Ms. Miller noted that she is extremely excited by this project. First, we can reroute and have significant reduction in combined sewer overflows. The highest scored team submitted a very good proposal. It was well thought out. Interestingly, some engineering firms applied as a single firm. And a couple of them, including Tetra Tech put together an extraordinary team where they picked the best elements of various engineers and wetland experts and considered many different options. The proposal could almost double the amount of retention that we could have at this site and instead of 10 spills a year, maybe we will have only 2. It may or may not be cost prohibited.

The piece of land that goes out behind Chapaton was also looked at. There were many meetings held with Mayor Walby, people of St. Clair Shores, Commissioners and others about recreating coastal wetlands in that area, allowing Mother Nature to be the sponge and reviewing a recreational facility as

well. The beautiful job done at the HCMA, Pointe Rosa Marsh with the boardwalk is an inspiration. Other places were looked at in addition to Chapaton where we would be able to build additional retention. Senator Stabenow was taken out to the site last week in zero degree weather. There is a potential for Great Lakes Water Initiative funds and a number of conversations have been held with the Army Corp of Engineers about Section 219 funds.

Mr. Mijac questioned if Tetra Tech and their team has someone who would possibly look into preserving the recreational use as well. Ms. Miller stated that Tetra Tech chose Diane Martin, a Wetland preservation expert, to be on their team.

A meeting is scheduled for the Commissioners to go out to Chapaton on May 9, 2018.

A motion was made by Ms. Klinefelt, supported by Mr. Santo to award the contract for the Chapaton Retention Basin Expansion Study to Tetra Tech at a cost not-to-exceed \$113,580.00 and to authorize Candice S. Miller to sign necessary contract document.

Adopted: YEAS: 3
NAYS: 0

The Chair presented the invoices totaling \$81,369.74 to the board for review and approval.

A motion was made by Ms. Klinefelt, 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 Ms. Klinefelt.

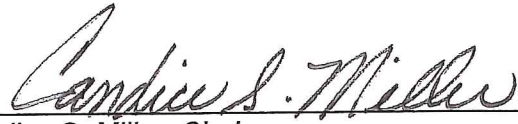
Adopted: YEAS: 3
NAYS: 0

Under New Business, Mr. Baker stated that the State has a grant opportunity we are considering that is only open from February 2nd – March 2nd. The grant could assist us and SEMSD to further explore efficiency saving efforts to the Southeast Macomb Sewer Districts through improved collaboration. This grant allows cooperation between different entities to share services or implement a sharing agreement. We are going to look further into this and discuss with SEMSD. It looks like it could possibly provide funding to improve operations. There is no down side to apply for this grant.

There being no further business, it was moved by Mr. Santo, supported by Ms. Klinefelt, that the meeting of the Eight and One-Half Mile Relief Drain Board be adjourned.

Adopted: YEAS: 3
NAYS: 0

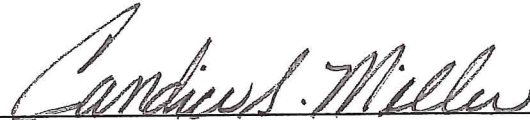
The meeting was adjourned at 10:19 a.m.



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 February 12, 2018 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: 2/13/18

8 1/2 MILE RELIEF DRAIN - 3/12/18

<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>
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% SRF 5306-01 - \$33,000.00 SRF 5393-01 - \$10,919.74 SRF 5460-01 - \$24,004.31 SRF 5579-01 - \$ 4,480.70	Astorino	AIS	\$ 1,076.61	Invoice #P93928 - 2/15/18	Forks for JCB Backhoe	
		Manning	Bank of New York Mellon	\$ 72,404.75	Principal & Interest Payments on SRF Loans		
		Astorino	Brent Avery	\$ 759.75	Continuing Education	Municipal Wastewater D Certification	
		Astorino	Consumers Energy	\$ 1,034.44	Monthly Gas - 1/24/18 - 2/22/18	Chapaton East	
		Astorino	Consumers Energy	\$ 822.65	Monthly Gas - 1/24/18 - 2/22/18	Chapaton West	
		Astorino	DTE Energy	\$ 7,300.41	Monthly Electric - 1/10/18 - 2/7/18		
		Baker	FAMS Custom Printing	\$ 1,240.00	Invoice #1008540 - 2/1/18	Employee Uniforms	
		Astorino	Fluid Systems Engineering	\$ 760.00	Invoice #P-25425-0 - 10/31/17	Annual maintenance on hydraulic accumulators	
		Astorino	HESCO	\$ 903.46	Invoice #20180447 - 1/30/18	Anti-siphon valves for disinfection feed pumps at Chapaton East	
		Astorino	Kone, Inc.	\$ 604.95	Invoice #949831289 - 2/1/18 Chapaton West	Quarterly Maintenance - Elevator	
		Astorino	Lardner Elevator	\$ 1,670.24	Invoice #182325 - 2/8/18	Cleaned DPR relay contacts	
		Astorino	Lardner Elevator	\$ 3,280.00	Invoice #182239 - 1/25/18 Chapaton West Elevator	5-year load test for certification	
		Astorino	Macomb County	\$ 309,711.75	Invoice #AR180127 - 2/26/18	4th Quarter Reimbursement - Personnel & Operating Expenses	
		Astorino	PVS Nolwood Chemicals, Inc.	\$ 4,976.34	Invoice #584490 - 2/19/18	Hypochlorite Solution - 4,450 gallons used in disinfection process as required by NPDES Permit	
		Astorino	PVS Nolwood Chemicals, Inc.	\$ 4,686.37	Invoice #584669 - 2/20/18	Hypochlorite Solution - 4,412 gallons used in disinfection process as required by NPDES Permit	
Astorino	PVS Nolwood Chemicals, Inc.	\$ 4,682.17	Invoice #584950 - 2/22/18	Hypochlorite Solution - 4,408 gallons used in disinfection process as required by NPDES Permit			
Astorino	TestAmerica	\$ 759.00	Invoice #19012023 - 3/1/18	Lab analysis of water as required by NPDES Permit			
			Total	\$ 416,672.89			



GRAND RAPIDS
600 AIS Drive S.W.
Grand Rapids, MI 49548
(616) 538-2400

LANSING
3600 N. Grand River Ave.
Lansing, MI 48906
(517) 321-8000

NORTHEAST DETROIT
65809 Gratiot Avenue
Lansing, MI 48650
(586) 727-7602

SAGINAW
4600 AIS Drive
P.O. Box 253
Bridgeport, MI 48722
(989) 777-0090

TRAVERSE CITY
8300 M-72 East
P.O. Box 190
Williamsburg, MI 49680
(231) 287-5060

WEST DETROIT
56555 Pontiac Trail
New Hudson, MI 48165
(248) 437-8121

RECEIVED
FEB 28 2018
BY: _____

Ship To :

SAME AS BELOW

Invoice To :

MACOMB COUNTY DPW
23001 9 MILE RD
ST CLAIR SHORES MI 48080

Branch RICHMOND		CNNYYY	
Date 02/15/18	Time 09:16:50 (O)	Page 01	
Account No. 544187	Phone No. 8107723425	Invoice No. P93928	
Ship Via	Purchase Order 18-9323		
Sales Tax License No.	Federal Exemption No.		
			Salesperson DY

DESCRIPTION

ORDER#: 534481

THANK YOU FOR YOUR BUSINESS !!!

UNIT 1: JCB 215S 444276

Part#	Description	Bin	ORD	ISS	SHP	B/O	UTTTT	Price	Amount
232-0700	6,000 LB FORKS	R80212D	1	1	1		1	1666.07	1666.07
FRT IN	SHIP/HANDLING		1	1	1		1	128.27	128.27

Alex 586-772-3425 cell 586-864-7240
1.5" bar, 70" long
picked up by Greg

0917366488 TOTAL CHARGE 1794.34

REMIT PAYMENT TO:
INTERSTATE BILLING SERVICES, INC
P.O. BOX 2208
DECATUR, AL
35609-2208

Chy 8 1/2 mile \$ 1,076.61
Martin San \$ 448.58
SEMCWARDS \$ 269.15

Date 2.28.18
Chief Deputy AB
Engineer(s) _____
Manager(s) VA
Coordinator(s) BS
Finance Officer MM

PA 038678 97600

Staff 3.6.18
Maard 3.10.18

If you have any questions or concerns, please call your local AIS branch. Thank you.

FINANCE CHARGE ON OVERDUE ACCOUNTS AT THE RATE OF 1.5% PER MONTH.
(SEE REVERSE SIDE FOR IMPORTANT INFORMATION)

Cores must be returned within 60 days for full credit (pending inspection)

Customer Name:
Customer Signature:



RECEIVED
FEB 28 2018
MH
BY: _____

18.096

Candice S. Miller
Public Works Commissioner
Macomb County

February 26, 2018

To: Mr. Vincent Astorino, Mgr. Operations and Flow Control, MCOPW

From: Brent Avery, RTB Operations

Subject: Continuing education requirements of certification renewal

Attached is documentation for meeting the continuing education requirements for the Municipal Wastewater D Certification. The requirements are 1.2 CEC for every three year certification cycle, I have earned 1.3 CEC's which is above the minimum. My certification will expire January 15, 2019. I am able to send in documentation of continuing education to MDEQ and they will log it in their system until the time when I am able to apply for renewal. I will be responsible to track the renewal time frame and send the renewal form, which would be early fall of this year 2018. I do this process in advance because things can get extremely busy quickly.

In summary, the training and lodging are listed below:

Asset Management Seminar	\$ 205.00
2018 Wastewater Administrators Conference	\$ 305.00
Lodging (3 nights)	\$249.75
Total	\$759.75

Thank you for your consideration, this will fulfill this D certification continuing education requirement until the year 2022, at which time this process is repeated as needed at the time.

Payment to: Brent Avery
Chg: 8 1/2 Mile Relief

Date	2.28.18
Chief Deputy	AB
Engineer (s)	
Manager (s)	UA
Coordinator (s)	3D
Finance Officer	km

OFFICE LOCATION: 21777 Dunham Road, Clinton Township, Michigan 48036 • Phone: 586-469-5325 • Fax: 586-469-5933

MAILING ADDRESS: P. O. Box 806, Mt. Clemens, Michigan 48042-0806

ENGINEERING • Phone: 586-469-5910 • Fax: 586-469-7693 ♦ SOIL EROSION • Phone: 586-469-5327 • Fax 586-307-8264

PA 038653 95820

Staff 3-6-18
Board 3-12-18

Michigan Finance Authority
State Revolving Funds

Mr. Bruce Manning,
8 1/2 Mile Relief Drain Drainage District
21777 Dunham Road
Clinton Township, MI 48036
Phone: (586) 307-8279 Ext: Fax: (586) 469-5933
Email: bruce.manning@macombgov.org

Chg 8 1/2 Mile

Date 2-23-18
Chief Deputy AB
Engineer(s)
Manager(s)
Cofinancier(s) 3D
Finance Officer HM

RECEIVED
FEB 23 2018
MIT

INVOICE

PA 038628

Due Date	Project Number	ID	Loan Commitment	Principal	Interest	Total
03/26/2018	5306-01/Final	CW	\$4,025,000.00	\$0.00	\$33,000.00	\$33,000.00
03/26/2018	5393-01*/Final	CW	\$1,246,579.00	\$0.00	\$10,919.74	\$10,919.74
03/26/2018	5460-01*/Final	CW	\$418,833.00	\$20,000.00	\$4,004.31	\$24,004.31
03/26/2018	5579-01	CW	\$445,000.00	\$0.00	\$4,480.70	\$4,480.70
				TOTAL AMOUNT DUE:		\$72,404.75

99500
52404.75

*If your total amount due includes; CW, DW, and/or SWQF loans, you no longer need send separate payments

If you have any questions please contact Nichole Dorr at 517-335-0525
If you have changes to the contact/billing information, please Email those changes to dorm@michigan.gov.

Below please find three methods of payment to the Michigan Finance Authority

Preferred Method of Payment

Payment via Federal Wire Transfer for ALL Loan Types:

WIRE transfers MUST be initiated by 10:00 a.m. on 03/26/2018 and sent to:

The Bank of New York Mellon, N.A.
ABA: 021-000-018
A/C: 3919348400
Reference: 5708-MFA

Payment via ACH Transfer for ALL Loan Types:

To allow for processing time ACH transfers MUST be initiated by 03/22/2018 and sent to:

The Bank of New York Mellon, N.A.
ABA: 021-000-018
A/C: 8900626003
Reference: 5708-MFA

Payment By Check For ALL Loan Types

To allow for processing time checks must be RECEIVED by 03/19/2018 .

For proper credit please include a copy of this invoice and note the reference: 5708-MFA on the check. Please mail your payment to: The Bank of New York Mellon, N.A.
ATTN: Pooled Finance Unit - Caitlin Umberge
10161 Centurion Parkway N.
Jacksonville, FL 32256

Please note, the Reference information must be included on the wire transfer.

Hand 3-12-18



Questions:
Visit: ConsumersEnergy.com
Call us: **800-805-0490**

Amount Due: **\$1,034.44**
Please pay by: **March 20, 2018**

RECEIVED
MAR 02 2018
BY: **MH**

Thank You - We received your last payment of **\$943.93** on **February 12, 2018**

Service Address:
23301 E 9 MILE RD
SAINT CLAIR SHORES MI
48080-0000

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

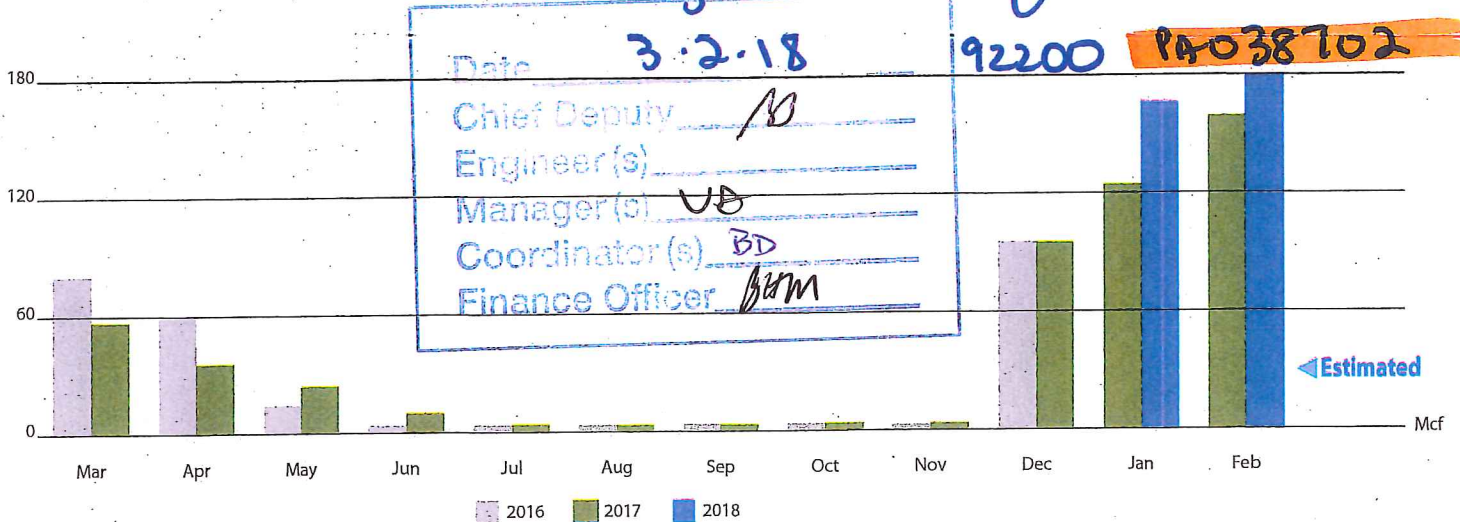


February Energy Bill

Service dates: January 24, 2018 - February 22, 2018 (30 days)

Total Natural Gas Use (Mcf - thousand cubic feet)

Chg: 8 1/2 M. J. RY



Date 3-2-18

Chief Deputy AB

Engineer(s) _____

Manager(s) UB

Coordinator(s) BD

Finance Officer BWM

February Natural Gas Use

179.8 Mcf
February 2017 use: 159 Mcf

Cost per day:
\$34.48

Mcf per day:
5.993

Prior 12 months of gas use:
585 Mcf

Staff 3-6-18
Board 3-12-18

STAY SAFE: Call 9-1-1 and 800-477-5050.
We'll respond day or night.



Downed power lines.
Stay 25 feet away. Call from a safe location.



If you smell natural gas.
If the "rotten egg" odor of gas is apparent, call from a safe location.



Explore Energy Efficiency Solutions for Your Business

Discover the many ways your business can save, or tell us a little about your business to find the solutions best suited to you.

Get started
www.ConsumersEnergy.com/startsaving



Questions:
Visit: ConsumersEnergy.com
Call us: **800-805-0490**

Amount Due: **\$822.65**
Please pay by: **March 20, 2018**

**CHAPTON PUMPING STATION
MACOMB CO DRAIN COMM
21777 DUNHAM RD
CLINTON TOWNSHIP MI 48036-1005**



Thank You - We received your last payment of \$1,176.33 on February 12, 2018

Service Address:
23001 E 9 MILE RD
SAINT CLAIR SHORES MI
48080-1576



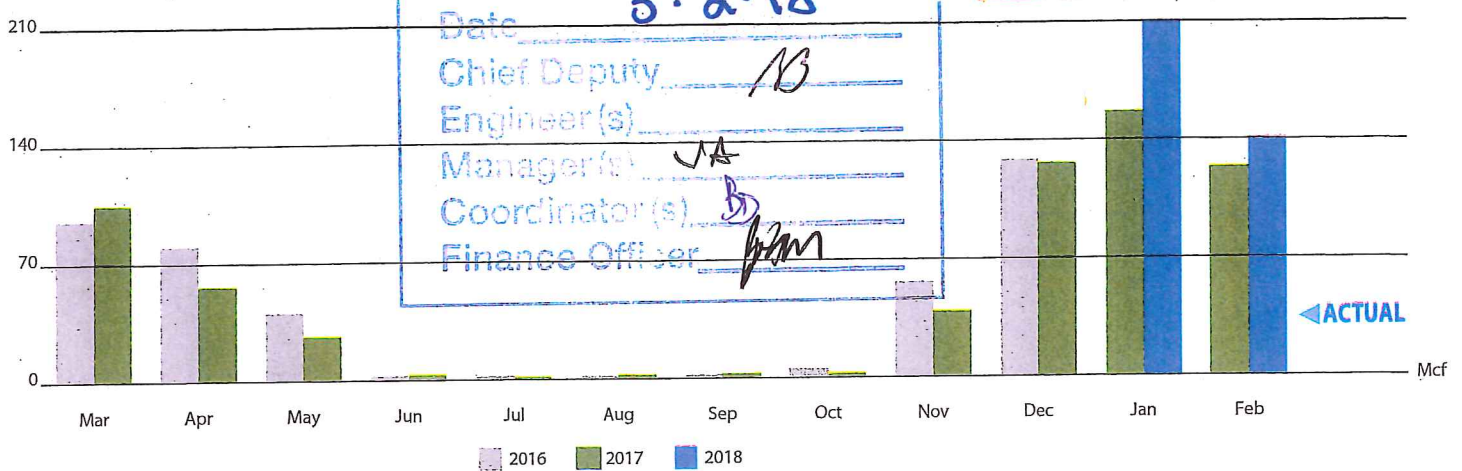
February Energy Bill

Service dates: January 24, 2018 - February 22, 2018 (30 days)

Total Natural Gas Use (Mcf - thousand cubic feet)

Chg: 8 1/2 Mile 92200

PA038703



Date 3-2-18
 Chief Deputy AB
 Engineer(s) _____
 Manager(s) JA
 Coordinator(s) B
 Finance Officer ham

February Natural Gas Use

140.8 Mcf
February 2017 use: 124 Mcf

Cost per day: **\$27.42**

Mcf per day: **4.693**

Prior 12 months of gas use: **732 Mcf**

*Staff 3-4-18
Board 3-12-18*

STAY SAFE: Call 9-1-1 and 800-477-5050.
We'll respond day or night.



Downed power lines.
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Explore Energy Efficiency Solutions for Your Business

Discover the many ways your business can save, or tell us a little about your business to find the solutions best suited to you.

Get started
www.ConsumersEnergy.com/startsaving

Account Information

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

RECEIVED
FEB 16 2018
BY: MH

18.080

Programs you are enrolled in:

Account Number 9100-0005-3785

DTE-Energy Federal ID No. 38-3217752

How to contact us:

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

\$ 7300.41

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

For the average Michigan residential customer, renewable energy is estimated to avoid \$3.08 per month of new coal-fired generation costs.

Chg: 8 1/2 M de Relief

Date	<u>2.16.18</u>
Chief Deputy	<u>AB</u>
Engineer(s)	
Manager(s)	<u>UA</u>
Coordinator(s)	<u>JD</u>
Finance Officer	<u>km</u>

PAD 3858p 92300



Staff 2.23.18
Board 3.12.18



Detail Charges

For Service at: 23001 E 9 Mile Rd, St Clair Shores, MI 48082

Outage Contact Number: 1-313-235-1300

Invoice: 200000630982

Billing Period: 01/10/2018 through 02/07/2018

Days Billed: 29

Metering Information

Meter Number	Start Date	Start Read	Stop Date	Stop Read	Read Difference	Units Multiplier	Usage Used	Type
6321448	01/10	246.1A	02/07	250.8A	4.7	6,400.0000	30,080.0	P - In-V
6321448	01/10	294.5A	02/07	300.6A	6.1	6,400.0000	39,040.0	P - In-W
6321449	01/10	0.0A	02/07	0.0A	0.0	- 6400.0000	0.0	P - Out-W
6321449	01/10	0.7A	02/07	0.7A	0.0	- 6400.0000	0.0	P - Out-V
6321451	01/10	0.4A	02/07	0.4A	0.0	6,400.0000	0.0	P - In-V
6321451	01/10	0.4A	02/07	0.4A	0.0	6,400.0000	0.0	P - In-W
Total KVARH							30,080.00	
Total KWH							39,040.00	

Invoice: 200000630982 Service Name: Chapaton Pumping Station
 Item: 7004376662 Cycle: 05

General Service Municipal Pumping-Net Metering

Billing Status Information

1	On-peak Billing Demand	251	KW	ESTABLISHED	01/25/2018	13:00
3	65% High OP Bill Dmd June-Oct prec 11 mths	1697	KW	ESTABLISHED	09/19/2017	15:30
8	Highest Single Billing Demand	251	KW	ESTABLISHED	01/25/2018	13:00
A	Current PV High Monthly Demand	251	KW	ESTABLISHED	01/25/2018	13:00
B	50% of the Contract Capacity for PV	0	KW			
C	Primary Voltage Maximum Demand	4101	KW	ESTABLISHED	08/28/2017	21:00
	Contract Capacity for Location	6738	KW	ESTABLISHED	08/16/2016	05:00
	Power Factor (ratio) for all voltages	79	PCT			
	Total Number of days in the Billing Period	29	DAYS			
	Avg Kilowatthours Used Per Day This Period	1346	KWH			
	Avg Kilowatthours Used Per Day A Year Ago	3222	KWH			
	kWh percentage change from a year ago	-58	PCT			
	Metered outflow	0	KWH			
	Net Delivery Billed (inflow)	39040	KWH			
	Net Inflow (In - Out)	39040	KWH			

Charges for 01/10/2018 through 02/07/2018

Power Supply Charges:

Power Supply Energy:						
Power Supply Energy Charge	39,040	KWH	@ \$	0.0774300	Per Total KWH	3,022.87
Surcharges:						
Power Supply Cost Recovery Factor	39,040	KWH	@ \$	-0.0008700	Per Total KWH	- 33.96
Sub Total:						2,988.91

Delivery Charges:

Service Charge						11.25
Distribution:						
Distribution Energy	39,040	KWH	@ \$	0.0392000	Per Total KWH	1,530.37
Surcharges:						
Transitional Recovery Mechanism	39,040	KWH	@ \$	0.0013560	Per Total KWH	52.94
U-18255 IS	39,040	KWH	@ \$	0.0032520	Per Total KWH	126.96
Nuclear Surcharge	39,040	KWH	@ \$	0.0007280	Per Total KWH	28.42
Energy Waste Reduction	2	MTR	@ \$	29.8500000		59.70
LIEAF Factor	2	MTR	@ \$	0.9300000		1.86
Sub Total:						1,811.50
Special Facilities Charge						2,500.00

Invoice Subtotal

Michigan State Sales Tax On Taxable Portion

7,300.41
0.00

Invoice Total

\$7,300.41



Invoice # 1008540
 Issued date 2/1/2018
 Subject Macomb County Public Works
RECEIVED
FEB 07 2018
 BY: _____

Payment Due

Chgo
 Admin. Serv. \$ 1,766.00
 \$ 586.00

FROM
 FAMS Clothing
 131 S. Main Street
 Romeo, MI 48065
 586-331-7041
 info@famsprinting.com
 Zack Hayes

TO
 Madison Tanghe
 Macomb County Public Work
 madison.tanghe@macombgov.org
 Chief Deputy
 Director(s)

2-7-18 \$12 1,240.00
 \$ 3,592.00

ITEM OVERVIEW

Assorted Apparel-Screen Printed

Finance
 74900 PA-038545

ITEM DESCRIPTION	COLOR	QTY	SIZE	UNIT PRICE	SUBTOTAL
29M 1 Color Front Print S/S T-Shirt	Royal	3	Medium	\$9.00	\$27.00
29M 1 Color Front Print S/S T-Shirt	Royal	11	Large	\$9.00	\$99.00
29M 1 Color Front Print S/S T-Shirt	Royal	15	XL	\$9.00	\$135.00
29M 1 Color Front Print S/S T-Shirt	Royal	3	3XL	\$11.00	\$33.00
29M 1 Color Front Print S/S T-Shirt	Royal	3	XL Tall	\$12.00	\$36.00
29L 1 Color Front Print L/S T-Shirts	Royal	5	Large	\$12.00	\$60.00
29L 1 Color Front Print L/S T-Shirts	Royal	17	2XL	\$14.00	\$238.00
Screen Charge		1		\$20.00	\$20.00

T-Shirt
Short Sleeve

T-Shirt
Long Sleeve

Assorted Apparel-Embroidered

ITEM DESCRIPTION	COLOR	QTY	SIZE	UNIT PRICE	SUBTOTAL
88181 Wicking Polos-L/C Emb	Royal	1	XS	\$20.00	\$20.00
88181 Wicking Polos-L/C Emb	Royal	3	Small	\$20.00	\$60.00
88181 Wicking Polos-L/C Emb	Royal	8	Medium	\$20.00	\$160.00
88181 Wicking Polos-L/C Emb	Royal	22	Large	\$20.00	\$440.00
88181 Wicking Polos-L/C Emb	Royal	28	XL	\$20.00	\$560.00
88181 Wicking Polos-L/C Emb	Royal	5	2XL	\$22.00	\$110.00
88181 Wicking Polos-L/C Emb	Royal	1	3XL	\$22.00	\$22.00
88181T Wicking Polos-L/C Emb	Royal	5	XL Tall	\$22.00	\$110.00
88181T Wicking Polos-L/C Emb	Royal	5	2XL Tall	\$24.00	\$120.00
88181T Wicking Polos-L/C Emb	Royal	5	3XL Tall	\$24.00	\$120.00
78181 Ladies Wicking Polo-L/C Emb	Royal	1	Small	\$20.00	\$20.00
78181 Ladies Wicking Polo-L/C Emb	Royal	2	Medium	\$20.00	\$40.00
78181 Ladies Wicking Polo-L/C Emb	Royal	8	Large	\$20.00	\$160.00

Men - Polo
Short Sleeve

Ladies - Polo
Short Sleeve

Staff 2-23-18
 Board 3-12-18

Ladies - Polo Short Sleeve continued	78181 Ladies Wicking Polo-L/C Emb	Royal	1	XL	\$20.00	\$20.00
	78181 Ladies Wicking Polo-L/C Emb	Royal	1	3XL	\$22.00	\$22.00
	85111 LS Wicking Polo-L/C Emb	Royal	1	XS	\$28.00	\$28.00
	85111 LS Wicking Polo-L/C Emb	Royal	2	Small	\$28.00	\$56.00
	85111 LS Wicking Polo-L/C Emb	Royal	3	Medium	\$28.00	\$84.00
Mens - Polo Long Sleeve	85111 LS Wicking Polo-L/C Emb	Royal	11	Large	\$28.00	\$308.00
	85111 LS Wicking Polo-L/C Emb	Royal	3	XL	\$28.00	\$84.00
	85111 LS Wicking Polo-L/C Emb	Royal	1	2XL	\$30.00	\$30.00
	85111 LS Wicking Polo-L/C Emb	Royal	1	3XL	\$30.00	\$30.00
	85111T LS Wicking Polo-L/C Emb	Royal	1	XL Tall	\$30.00	\$30.00
	75111 LS Ladies Wicking Polo-L/C Emb	Royal	1	Small	\$28.00	\$28.00
	75111 LS Ladies Wicking Polo-L/C Emb	Royal	4	Medium	\$28.00	\$112.00
Ladies - Polo Long Sleeve	75111 LS Ladies Wicking Polo-L/C Emb	Royal	4	Large	\$28.00	\$112.00
	75111 LS Ladies Wicking Polo-L/C Emb	Royal	1	XL	\$28.00	\$28.00
	75111 LS Ladies Wicking Polo-L/C Emb	Royal	1	3XL	\$30.00	\$30.00

	Paid	\$0.00
	Total	\$3,592.00
TERMS		

Thanks you for your business! Payment is due upon approval.

INVOICE FLUID SYSTEMS ENGINEERING

DATE: 10/31/17

Fluid Systems Engineering,
A div. of Motion & Control Enterprises
18855 E. 14 Mile Road
Clinton Twp., MI 48035

PURCHASE ORDER: VERBAL PETE

SOLD TO: MACOMB COUNTY D.P.W.
P.O. BOX 906
MT. CLEMENS, MI 48046-0806

SHIP TO: MACOMB COUNTY D.P.W.
P.O. BOX 906
MT. CLEMENS, MI 48046

ATTN:

ATTN:

ACCOUNT NUMBERS	INVOICE NUMBERS	DATE SHIPPED	SHIPPED VIA	SHIPPED FROM	FOB POINT
105737	P-25425-0	10/31/17		CLINTON TWP, MI	D

QUANTITY ORDER	BACK ORDER	PART DESCRIPTION	UNIT PRICE	% DISC	NET AMOUNT
----------------	------------	------------------	------------	--------	------------

1	1	FILTER CHANGES LABOR * OUR WORK ORDER # 9011 DIV. OF MOTION & CONTROL ENTRP	760.00	0.0000	760.00
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RECEIVED
FEB 07 2018
BY: mit

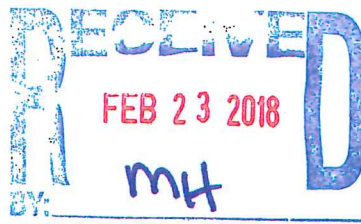
Chg: 8 1/2 Mile

Date 2.7.18
 Chief Deputy BO
 Engineer(s) _____
 Manager(s) US
 Coordinator(s) JD
 _____ hkm

PA038550 93000

OUR MINIMUM BILL IS:	INVOICE SUB-TOTAL	TAX AMOUNT	FREIGHT AMOUNT	REMIT THIS >>	PLEASE INVOICE TOTAL
\$15.00	760.00	0.00	0.00		760.00

Staff 2.23.18
Board 3.12.18



Invoice

Date	Invoice #
1/30/2018	20180447

Bill To
Macomb Cnty PW - Chapaton RTB 23001 E Nine Mile Rd St. Clair Shores, MI 48080

Ship To
Macomb Cnty PW - Chapaton RTB 23001 E Nine Mile Rd St. Clair Shores, MI 48080

S.O. No.	P.O. No.	Terms	Rep	Project	Hesco #
1013428	18-9322	Net 30	HB		

Item	Description	Ordered	Backord...	Invoiced	Rate	Amount
BPG-100-P-1-...	Griffco 1" Back Pressure Valve, PVC body, 0-50 psi, Teflon/Viton diaphragm, Flanged	2	0	2	444.00	888.00
Freight	Shipping and Handling			1	15.46	15.46

Chg: 8 1/2 Mile Rly

Date 2-23-18

Chief Deputy AD

Engineer(s) _____

Manager(s) UA

Coordinator(s) BD

Finance Officer blm

PA038630 93000

Subtotal	\$903.46
Sales Tax (6.0%)	\$0.00
Total	\$903.46
Payments/Credits	\$0.00
Balance Due	\$903.46

Staff 3-6-18
Board 3-12-18

INVOICE



Invoice number: 949831289 Invoice Date: 02/01/2018 Customer PO No: KONE Order No: N40092539 Billing Type: YMIO Date work performed: 04/30/2018	Area Office: DETROIT - 190 11864 Belden Ct Livonia MI 48150-1459 Ph: 734-513-6944 Fax: 734-513-6948	KONE Inc., Federal 36 2357423
Bill To: MACOMB COUNTY PUBLIC WORKS 23001 9 MILE RD SAINT CLAIR SHORES MI 48080 USA	Location/Project: VARIOUS LOCATIONS	
Payment Terms: Net 10		

This invoice is for maintenance coverage per your agreement with KONE Inc.
 Billing period is 02/01/2018 to 04/30/2018.

Contract# N40092539 CHAPATON RETENTION BASIN
 CHAPATON RETENTION BASIN
 23001 9 MILE RD
 SAINT CLAIR SHORES MI 48080
 USA

604.95 *pay*

Contract# N40092539 VIOLET PUMP STATION
 VIOLET PUMP STATION
 30801 GREATER MACK AVE
 SAINT CLAIR SHORES MI 48082
 USA

Chs: 8 1/2 Mile Ry

161.31

Subtotal

Total Invoice Amount

Date 2.28.18
 Chief Deputy AB
 Engineer (s) _____
 Manager (s) VA
 Coordinator (s) BO
 Finance Officer bhm

\$ 766.26
 \$ 766.26

77500
PA038604

Invoices not paid within 30 days are subject to a service charge of 1.5% per month, or the maximum permitted by law

Please return this portion with your payment

PAYMENT ADVICE

We also accept VISA/Mastercard or EFT payments



Payer: MACOMB COUNTY PUBLIC WORKS 23001 9 MILE RD SAINT CLAIR SHORES MI 48080 USA	Invoice number: 949831289 Invoice Date: 02/01/2018 Customer Number: N273080 KONE Order No: N40092539 Area Office No: U190 Billing Type: YMIO
Remit to: KONE Inc P O BOX 3491 CAROL STREAM, IL 60132-3491	<p><i>Use this address for payments only. Direct calls and area correspondence to our area office above.</i></p> <p>Amount paid if different than invoice amount: \$ INVOICE AMOUNT: \$ 766.26</p>

Staff 3-6-18

Board 3-10-18


094983128900000766268

LARDNER↑ ELEVATOR↓

729 Meldrum, Detroit, MI 48207
 Phone: (313) 568-1600 Fax: (313) 568-0488
 Email: info@lardnerelevator.com
 www.lardnerelevator.com

INVOICE

Invoice #
182325

Bill To: 
 Chapaton Pump Station
 23001 E. Nine Mile
 St. Clair Shores, MI 48080

Account: Chapaton Pump Station
 23001 E. Nine Mile
 St. Clair Shores, MI 48080
 Account #: 00-6198-4

Date	Feb 08, 2018	Terms	Upon Receipt	Route	Non-contract	Job #	3110
Inv #	182325	PO #	18-9318	Territory	LECO	Type	Repair

Quantity	Description	Taxable	Measure	Price	Amount
4.00	Mechanic R/T#203 TT-142464	No	Each	204.00	\$816.00
4.00	Zone Pay	No	Each	4.78	\$19.12
4.00	Mechanic R/T#198 TT-142438	No	Each	204.00	\$816.00
4.00	Zone Pay	No	Each	4.78	\$19.12

RECEIVED
 FEB 28 2018
 BY: _____

01/16/2018 TT-142464 & 142438 E#11101 *Chg: 8 1/2 Mile*
 Found bad N/C contact on DPR relay. Cleaned contacts. Ran. Returned to service.

RECOMMENDATION: Install flood switch in pit to bring elevator to top floor.

Date	<u>2-28-18</u>
Chief Deputy	<u>AB</u>
Engineer(s)	_____
Manager(s)	<u>UA</u>
Coordinator(s)	<u>TO</u>
Finance Officer	<u>BHM</u>

~~PA 038686~~
 11500

Taxable	\$0.00
Non-Taxable	\$1,670.24
Sub-Total	\$1,670.24
Sales Tax	\$0.00
TOTAL	\$1,670.24

PLEASE DETACH THIS PORTION AND RETURN WITH PAYMENT



Lardner Elevator Company
 729 Meldrum
 Detroit, MI 48207

Account # 00-6198-4
 Chapaton Pump Station
 Invoice # 182325
 Amount \$ 1,670.24
 Paid \$ 1670.24


*Staff 3-6-18
 Board 3-10-18*

LARDNER ELEVATOR

729 Meldrum, Detroit, MI 48207
 Phone: (313) 568-1600 Fax: (313) 568-0488
 Email: info@lardnerelevator.com
 www.lardnerelevator.com

INVOICE

Invoice #
182239

Bill To: 
 Chapaton Pump Station
 23001 E. Nine Mile
 St. Clair Shores, MI 48080

Account: Chapaton Pump Station
 23001 E. Nine Mile
 St. Clair Shores, MI 48080
 Account #: 00-6198-4

Date	Jan 25, 2018	Terms	Upon Receipt	Route	Non-contract	Job #	3110
Inv #	182239	PO #	18-9318	Territory	LECO	Type	Repair

Quantity	Description	Taxable	Measure	Price	Amount
1.00	Quoted Price	No	Each	3,280.00	\$3,280.00

RECEIVED
 FEB 28 2018
 MIT

1/15-1/16/2018 TT-142410 & 142411 E#11101
 Full Load Test. Cleaned tracks, sills, and door lock contacts. Lubed closures.

Chg: 8 1/2 Mile

Date 2.28.18
 Chief Deputy AB
 Engineer(s) _____
 Manager(s) NA
 Coordinator(s) D
 Finance Officer bum

PA 038687
 77500

Taxable	\$0.00
Non-Taxable	\$3,280.00
Sub-Total	\$3,280.00
Sales Tax	\$0.00
TOTAL	\$3,280.00

PLEASE DETACH THIS PORTION AND RETURN WITH PAYMENT



Lardner Elevator Company
 729 Meldrum
 Detroit, MI 48207

Account # 00-6198-4
 Chapaton Pump Station
 Invoice # 182239
 Amount \$ 3,280.00
 Paid **\$ 3280.00**

*Wait 3.6.18
 Board 3.12.18*



Macomb County Finance Department
 120 N. Main Street, 2nd Floor
 Mt. Clemens, MI 48043

RECEIVED
 MAR 01 2018
 BY: MH

PUBLIC WORKS OFFICE
ATTN: BRUCE MANNING
21777 DUNHAM RD
CLINTON TOWNSHIP, MI 48036

See Reverse Side For Easy Opening Instructions

Payment Terms:
Due Upon Receipt

Invoice Date
02/26/2018

Invoice
AR180127

REF DATE	DESCRIPTION	AMOUNT
02/26/2018	4TH QTR 17 CHAPOTON-PERSONNEL	167,592.23
02/26/2018	4TH QTR 17 CHAPOTON-OPERATING	142,119.52
02/26/2018	4TH QTR 17 WASTE WTR-PERSONNEL	363,860.18
02/26/2018	4TH QTR 17 WASTE WTR-OPERATING	4,141.78
Charges		677,713.71
Amount Due		677,713.71

Date 3.1.18
 Chief Deputy LB
 Engineer(s) _____
 Manager(s) UA
 Coordinator(s) BD
 Finance Officer hbm

Chg: 8 1/2 Mile
 \$ 309,711.75

PA-038693

Staff 3-6-18
 Board 3-12-18

***** PLEASE RETURN THIS PORTION WITH YOUR PAYMENT *****

Finance Department Contact Number: (586) 469-5251
 Tax ID # / EIN Number: 38-6004868

Please email any questions about your account to:
 Accounting@MacombGov.Org

Please remit your payment to:
 COUNTY OF MACOMB
 FINANCE DEPARTMENT
 120 NORTH MAIN STREET, 2nd FLOOR
 MOUNT CLEMENS, MI. 48043-5622

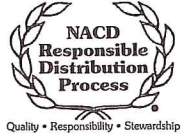
Customer Number: DPWK BA
 Invoice Number: AR180127
 Invoice Date: 02/26/2018
 Amount Due: \$677,713.71



PVS Nolwood Chemicals, Inc.

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

RECEIVED
FEB 26 2018
BY: MH



INVOICE
No. 584490

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: 615271	Load ID: 578273	Payment Terms: Net 30 Days
Sales Order: 578273		Freight Type: Delivered
Customer PO: MCPW Brent		Ship Via: pvsnw bulk
Invoice / Ship Date: 2/19/2018		Originating Warehouse: HUBW

SO Line	Quantity Ordered	Ord UOM	Qty to Follow	Product Description	Quantity Shipped	Quantity Invoiced	Inv UOM	Unit Price	Total
1	45,000.00	LB	60.00	PVS N Sodium Hypochlorite 12.5% (Bleach) Bulk	44,940.00	4,450.41190	GA	1.06200	4,726.34
2	1.00	EA	1.00	Same Day Delivery Charge	1.00	1.00000	EA	250.00000	250.00

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
\$4,976.34

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

Chg: 8 1/2 Mile

Date	<u>2.26.18</u>
Chief Deputy	<u>AD</u>
Engineer(s)	_____
Manager(s)	<u>JA</u>
Coordinator(s)	<u>JD</u>
Finance Officer	<u>MM</u>

PA 03 8638 74200

Staff 3.6.18

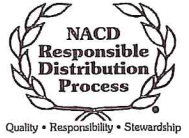
Board 3.12.18



PVS Nolwood Chemicals, Inc.

10900 Harper Avenue, Detroit, MI 48213

Telephone: 313-925-0300 Fax: 313-571-2225



RECEIVED
FEB 26 2018
BY: MT

INVOICE

No. 584669

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: 615158 Load ID 022018rich2 2517/263
Sales Order: 578312
Customer PO 189324
Invoice / Ship Date: 2/20/2018

Payment Terms: Net 30 Days
Freight Type: Delivered
Ship Via: pvsnw bulk
Originating Warehouse: HUBW

SO Line	Quantity Ordered	Ord UOM	Qty to Follow	Product Description	Quantity Shipped	Quantity Invoiced	Inv UOM	Unit Price	Total
1	45,000.00	LB	440.00	PVS N Sodium Hypochlorite 12.5% (Bleach) Bulk	44,560.00	4,412.78050	GA	1.06200	4,686.37

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

\$4,686.37

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

Chg: 8 1/2 Mile Ref

Date	<u>2.28.18</u>
Chief Deputy	<u>BD</u>
Engineer (s)	<u></u>
Manager (s)	<u>JA</u>
Coordinator (s)	<u>BD</u>
Finance Officer	<u>hkm</u>

PA038652 74200

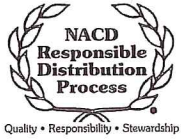
Staff 3-6-18

Board 3-13-18



PVS Nolwood Chemicals, Inc.

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



RECEIVED
FEB 28 2018
BY: MH

INVOICE
No. 584950

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: 615780 Load ID 578603
Sales Order: 578603
Customer PO MCPW Brent
Invoice / Ship Date: 2/22/2018

Payment Terms: Net 30 Days
Freight Type: Delivered
Ship Via: pvsnw bulk
Originating Warehouse: HUBW

SO Line	Quantity Ordered	Ord UOM	Qty to Follow	Product Description	Quantity Shipped	Quantity Invoiced	Inv UOM	Unit Price	Total
1	45,000.00	LB	480.00	PVS N Sodium Hypochlorite 12.5% (Bleach) Bulk	44,520.00	4,408.81930	GA	1.06200	4,682.17

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
\$4,682.17

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

Chg: 8 1/2 Mile

Date	<u>2-28-18</u>
Chief Deputy	<u>AB</u>
Engineer(s)	
Manager(s)	<u>UA</u>
Coordinator(s)	<u>JD</u>
Finance Officer	<u>PHM</u>

PA 038682 74200

Staff 3-6-18

Board 3-12-18

RECEIVED
 MAR 01 2018
 BY: MT

TestAmerica
 THE LEADER IN ENVIRONMENTAL TESTING

Invoice/Credit No.	19012023	Invoice Date	March 01, 2018
Terms	See Below	Federal Tax ID	23-2919996
Remit to	TestAmerica Laboratories, Inc. PO BOX 204290, Dallas, TX 75320-4290		

Bill to:
 Macomb County Public Works Office
 Attn: Accounts Payable
 23001 9 Mile Rd
 St Clair Shores, MI 48080

Ship to:
 Macomb County Public Works Office
 23001 9 Mile Road
 St Clair Shores, MI 48080

P.O. Number	W.O. Number	Contract Number	Work Ordered by
Purchase Order not required			Terry Moore
Job Description	Site Name	SDG Number	Invoice Contact
See below			Barb Delecke (accts payable)

Job No.	Job Description	Receipt Date	Quantity	Unit Price	Amount
Method/Test Description					
J15611-1	Chapaton Rain Event	02/21/2018			
	5210 B-2011 - CBOD		11.00	20.00	220.00
	SM4500 P E-2011 - Phosphorus		11.00	18.75	206.25
	4500 NH3 C-2011 - Ammonia		11.00	11.25	123.75
	2540 D-2011 - Total Suspended Solids		11.00	7.50	82.50
	2540E-2011 - Volatile Suspended Solids		11.00	10.00	110.00
	Safe and Environmentally Responsible Waste Management (per sample)		11.00	1.50	16.50

Chg: 8 1/2 Mile Rd

Date 3.1.18
 Chief Deputy AS
 Engineer(s) _____
 Manager(s) US
 Coordinator(s) BS
 Finance Officer blm

PA038697 74100

Project Number	Client Number	Project Manager	Subtotal	\$759.00
19000006	1407288	Sue Schafer		
Latest Sample Receipt Date	Latest Report Date	Phone Number	Total	\$759.00
02/21/2018	03/01/2018	(810) 229-2763		

For proper credit, please include invoice number on all remittance.

*Staff 3-6-18
 Board 3-12-18*

TestAmerica Michigan - 10448 Citation Drive, Suite 200, Brighton, MI 48116

This invoice falls under TestAmerica Laboratories Inc. Standard T&C's of Net 30 Days unless superseded by another valid contract vehicle in place at the time these services were rendered.

Income Statement
8.5 Mile Relief
As of February 28, 2018

	9-30-2017 Total Fund	10-1-17 to 2-28-18 O&M
Revenues		1,313,942
Expenditures		150,237
Equity**	3,105,754	1,163,705

NOTES

Reserves as of Sept 30, 2017	600,000
Required SRF repair & replacement reserve balance 9/30/17	1,308,558
Total	1,908,558

**** 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	1,308,558
Emergency Reserve	600,000