

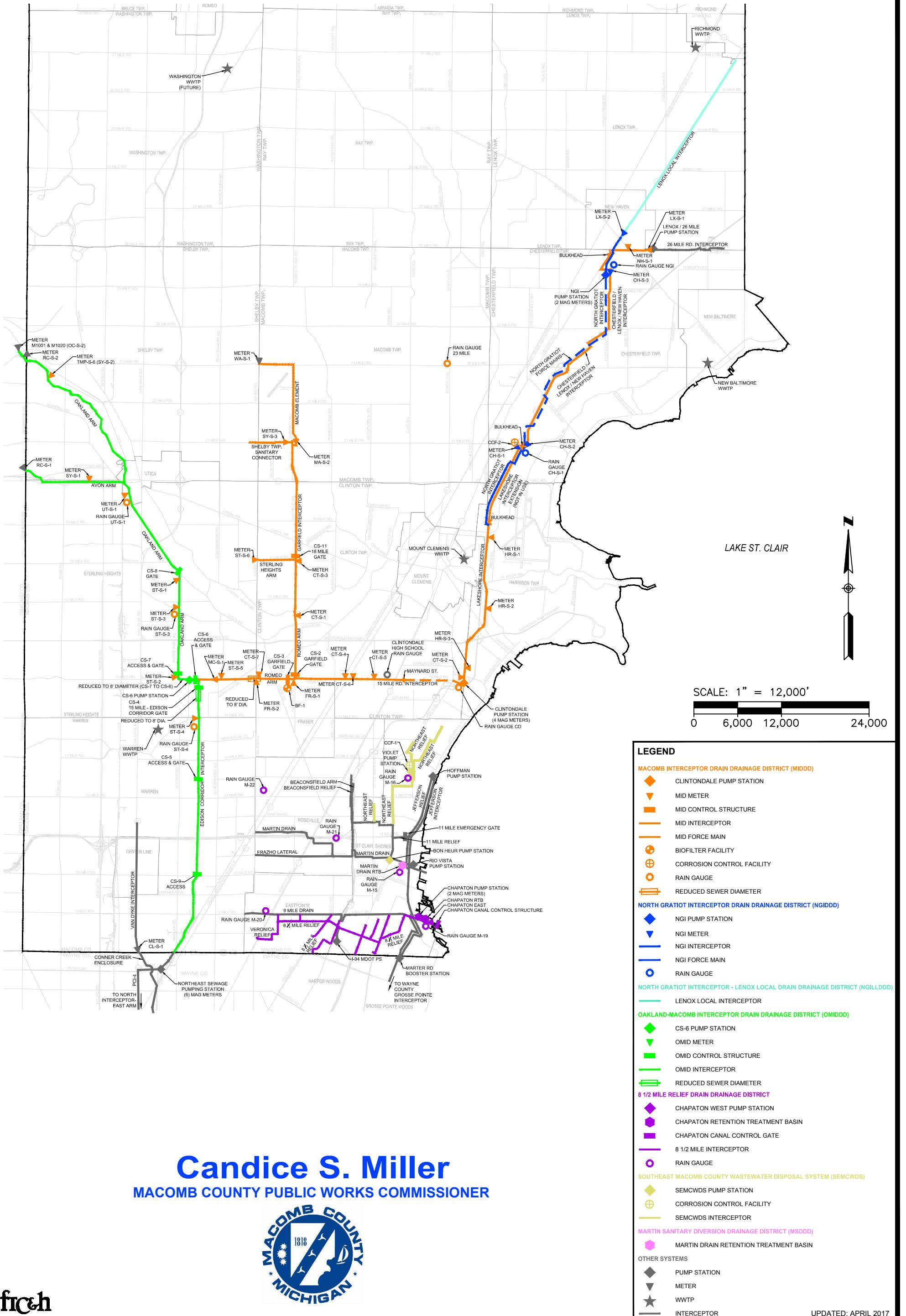
EIGHT AND ONE-HALF MILE RELIEF DRAIN
INTRA-COUNTY DRAINAGE BOARD
AUGUST 9, 2021
10:15 A.M.
AGENDA

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

**Call in Number: 1-570-671-0198
Access Code: 812 035 695**

	Page
1. Call of meeting to order and roll call	
2. Approval of Agenda for August 9, 2021	
3. Approval of Minutes for July 12, 2021	3
4. Public Participation	
5. Project Updates – Vince Astorino	6
6. Eight and One-Half Mile Relief Drain (Chapaton) Proposed 2021/22 Budget – Brian Baker	11
Motion: To approve the 2021/22 Eight and One-Half Mile Relief Drain budget and revenue requirement for the fiscal year beginning October 1, 2021	
7. Consideration for approval of invoices (see attached)	28
8. Financial Report – Bruce Manning	133
9. Adjourn	

MACOMB COUNTY WASTEWATER SYSTEMS



Candice S. Miller

MACOMB COUNTY PUBLIC WORKS COMMISSIONER



UPDATED: APRIL 2017

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, and virtually per the State Public Act 254 of 2020, on July 12, 2021, at 10:19 A.M.

PRESENT: Brian Baker, Acting Chair
Veronica Klinefelt, Member
Location: Maryland

ABSENT: Bryan Santo, Member

ALSO PRESENT: Don VanSyckel, Macomb County Board of Commissioners; Dan Acciavitti, Deputy Government Relations, Stephen Downing, Construction & Maintenance Manager, Bruce Manning, Financial Manager, Vince Astorino, Operations & Flow Manager, Kellie Kource, Drain Account Specialist, Norb Franz, Communications Manager, Macomb County Public Works; Sydney Hilgendorf, Sterling Heights

The meeting was called to order by the Acting Chair, Brian Baker. A motion was made by Ms. Klinefelt, supported by Mr. Baker to approve the agenda as presented.

Adopted: YEAS: 2
NAYS: 0

Minutes of the meeting of June 14, 2021 were presented. A motion was made by Ms. Klinefelt, supported by Mr. Baker 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 Chapaton received 3.61 inches of rain on June 25th, which is above design standards for this pump station. GLWA is being investigated for a pump station issue that caused Chapaton to have to take on the extra flow. All three pumps were operating at full speed, and the emergency bypass had to be opened. 96.7 million gallons of treated flow was discharged with good water quality numbers. Despite the significant rain event, the pump station performed very well.

We will have the final change order for the pump and screen project to close out the project.

The disinfection project is in the closeout process and will be complete soon.

The lab and mezzanine project is also in the closeout process and will also be complete soon.

The Chapaton basin and 9 Mile drain repairs project has started, but is moving slower due to cancellations of work days due to the rain.

A motion was made by Ms. Klinefelt, supported by Mr. Baker to receive and file the project updates by Mr. Astorino.

Adopted: YEAS: 2
NAYS: 0

Mr. Baker and Mr. Astorino updated the board on the public hearing petition process for the In-System Storage and 9 Mile Pump Station projects. Mr. Astorino provided the board a PowerPoint overview of the projects stating that this pump station would be similar to one of the current Chapaton storm water pumps, allowing us to isolate flows between the 8.5 Mile Drain and the 9 Mile Drain. When lake levels are at a high level and there is an emergency gravity bypass needed, there is a risk of the water being forced back and raising the hydraulic line. The 9 Mile Pump Station will help Chapaton if a pump fails during any significant rain events. The plan is to start construction in May 2022. We anticipate 2 years for project completion with estimated costs at \$33 million.

The next project is the Chapaton In-System Storage. The Chapaton retention basin holds 28 million gallons and on average handles roughly 7 discharge events each year. The plan is to utilize the existing underground infrastructure and add 7 million gallons of storage that would not need to be discharged to the lake. This will result in roughly a 30% reduction in overflow volumes. We anticipate the project starting in April 2022, taking 1.5 - 2 years for construction with a current cost estimate of \$17 million.

There were no objections to the projects.

The resolution presented to the board confirms the tentative determinations the board made in May 2021, determines the petition is sufficient, the project necessary, practical and should be constructed. The communities involved will be assessed, with percentages determined at a later date. The resolution also authorizes the Chair, Candice S. Miller to order a final order of determination.

A motion was made by Ms. Klinefelt, supported by Mr. Baker to approve Resolution #2.

Adopted: YEAS: 2
NAYS: 0

The Chair presented the invoices totaling \$410,682.84 to the board for review and approval.

A motion was made by Mr. Klinefelt, supported by Mr. Baker 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 Ms. Klinefelt and supported by Mr. Baker.

Adopted: YEAS: 2
NAYS: 0

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

Adopted: YEAS: 2
NAYS: 0

The meeting was adjourned at 10:45 a.m.



Brian Baker, Acting Chair
Macomb County Public Works Chief Deputy

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 July 12, 2021 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.



Brian Baker, Acting Chair
Macomb County Public Works Chief Deputy

DATED: 7/12/21



Candice S. Miller

Public Works Commissioner
Macomb County

To: 8 ½ Mile Relief Drain Drainage District Board Members

CC: File

From: Vincent Astorino, Operations & Flow Manager

Date: August 9, 2021

Subject: Construction Projects Status Updates for August 2021 Board Meeting

The following provides a status update for construction work completed within the 8 ½ Mile Relief Drain Drainage District (8MRDDD) for the previous month.

Wet Weather Operations

Wet Weather Event 1: July 16, 2021

Rainfall: 3.23 inches

Treated Discharge Volume: 76.5 MG

Water Quality Numbers: 12 cts / 100 ml geometric mean (Permit maximum is 300 cts/ml)

Description: This rain event was another significant event for SE Michigan. Due to downstream issues, Marter Road Booster Pump Station had to be shut down as SEMSD was unable to pump to the Fox Creek Enclosure. This once again made the Chapaton Pump Station the end of the line for all incoming flow from Eastpointe and St. Clair Shores. It is still unclear at this time as to why the Fox Creek Enclosure was unable to transport flow from SEMSD. All equipment performed well and MCPWO were able to avoid using the emergency bypass gates during this event.

Wet Weather Event 2: July 24, 2021

Rainfall: 1.57 inches

Treated Discharge Volume: 0 MG

Water Quality Numbers: N/A

Description: For this event there was not a treated discharge event but I felt it was worthwhile to discuss with the board. While the rainfall totals were not significant, this was an intense rain event and all 3

storm pumps were required to maintain safe upstream levels. MCPWO staff was able to engage the new operational strategies after peak flows receded and filled the basin, canal, and upstream 8 ½ Mile tunnel to maximize storage in the system. Historically this would have been a treated discharge event.

Chapaton Pump & Screen Project

Contractor: J.F. Cavanaugh

Engineering Consultant: HRC

Project Description:

This project consists of the replacement of the influent bar screens, addition of a third intermediate pump, and replacement of the manhole covers located at level B3 within the Chapaton Pump Station. The bar screens have reached the end of their useful life and are critical to protecting the pumps to not allow large objects to enter the wet well. The third intermediate pump is being installed as a redundant measure for dewatering of the in-system storage increased stored flows. The manhole covers are being replaced with pressure rated sealed covers to allow staff to raise the operating level of the wet well by 6 feet. This will provide approximately 3 million gallons of additional storage and will provide additional pumping capacity for the stormwater pumps.

Significant project tasks that have occurred over the past month:

1. Working on final change order and project close-out.

Construction Costs:

	Date (if applicable)	Amount
Original Contract Amount		\$1,162,522.00
Change Order #1	2/25/20	\$40,000.00
Change Order #2	2/26/20	(\$136,200.00)
Revised Contract Amount		\$1,066,272.00
Total Spent to Date	1/19/21	\$986,628.00
Remaining Budget		\$79,644.00

Chapaton & Martin Disinfection Replacement Project

Contractor: Weiss Construction

Engineering Consultant: Wade Trim

Project Description:

This project consists of the complete replacement of the disinfection systems at Chapaton and Martin. Macomb County Public Works Office (MCPWO) staff identified that a critical capital improvement need for the Chapaton and Martin RTB's was the replacement of the disinfection systems. These are systems that were installed in approximately 1978 and have exceeded the end of their useful life. MCPWO staff has worked diligently to keep the existing disinfection pumps in service as they are prone to failure and require expensive, difficult to obtain parts. The project involves all disinfection chemical feed pumps, new electrical controls and VFDs, and new disinfection and sample piping within the Chapaton RTB.

Significant project tasks that have occurred over the past month:

1. Miscellaneous punchlist items
2. Coordination regarding final entries into RTB to perform punchlist work
3. Continued compiling and submitting close-out documents (as-builts, O&M manuals, warranties, etc.)

Construction Costs:

	Date (if applicable)	Amount
Original Contract Amount		\$995,925.00
Change Order #1	12/16/20	(\$16,337.83)
Change Order #2	04/28/21	(\$21,333.02)
Revised Contract Amount		\$958,254.15
Total Spent to Date	Pay Apps #1-8	\$846,669.73
Remaining Budget		\$111,584.42

Chapaton Lab & Mezzanine Project

Contractor: Cross Construction

Engineering Consultant: Fishbeck

Project Description:

This project consists of relocating the Lab to the Chapaton East Building to allow for the complete overhaul of the Mezzanine level within the Chapaton Pump Station which includes new crew quarters, conference room, kitchen area, and SCADA control room. All areas were original to the facility dating back to 1968 and in need of improvements.

Significant project tasks that have occurred over the past month:

1. Performed majority of punchlist items as identified on original list prepared by architect
2. Corrected numerous HVAC issues primarily related to new air handler unit
3. Installed new metal-framed windows from SCADA control room to Chapaton foyer
4. Began preparing close-out documents (as-builts, O&M manuals, warranties, etc.)

Construction Costs:

	Date (if applicable)	Amount
Original Contract Amount		\$667,777.00
Change Order #1	03/31/21	\$4,508.19
Change Order #2	04/28/21	\$5,659.38
Revised Contract Amount		\$677,944.57
Total Spent to Date	Pay Apps #1-8	\$608,182.78
Remaining Budget		\$69,761.79



Figure 1 – New window in SCADA Control Room

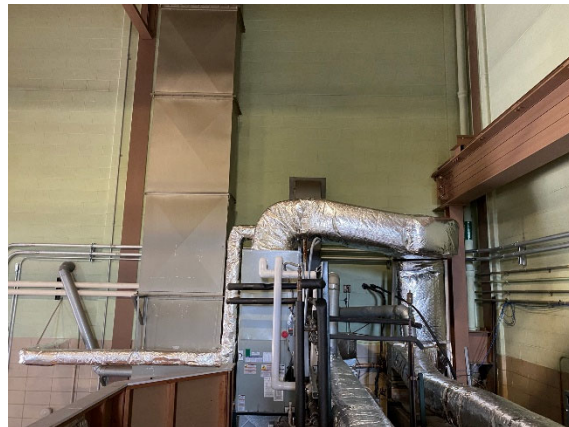


Figure 2 – Insulation on new ductwork



Figure 3 – Repaired epoxy floor in shower

Chapaton Basin and 9 Mile Drain Structural Repairs Project

Contractor: Pullman

Engineering Consultant: NTH

Project Description:

This project consists of performing concrete repairs within the Chapaton RTB (constructed in 1968) and the 9-Mile Drain (constructed in 1926). Recent inspections were performed and various types of repairs in numerous locations were noted in the reports. Repairs primarily consist of chipping away damaged concrete, prepping the reinforcing steel and remaining concrete surfaces, and installing a specialized concrete product flush to adjacent surfaces.

Significant project tasks that have occurred over the past month:

1. Completed majority of base-scope concrete repairs within Chapaton RTB.
2. Began submittals and marking of repairs for upcoming work in 9-Mile Drain and Aeration Chamber
3. Note: Progress was slowed because of increased amount of wet-weather days in July

Construction Costs:

	Date (if applicable)	Amount
Original Contract Amount		\$736,950.00
Total Spent to Date	Pay App #1-2	\$123,304.50
Remaining Budget		\$613,645.50



Figure 4 – Concrete ceiling repair



Figure 6 – Ceiling damage in Aeration Chamber-not in base scope



Figure 5 – Damage / delaminated area within 9-Mile Drain-North Box

8.5 Mile Relief Drain (Chapaton) 2021/22 Budget Summary

Attached is the proposed 2021/22 8½ Mile budget for the fiscal year beginning October 1, 2021. The budget is scheduled to be adopted at the August 9, 2021 Drain Board meeting. The cities of Eastpointe and St. Clair Shores have received a copy of the proposed budget which includes a detailed explanation for each item.

The proposed budget funds improved operations and maintenance of our aging assets and projects to further reduce combine sewer overflows and improve water quality and system redundancy. The community contribution (debt and O&M) increase of 4.9% is slightly less than the projected 5% increase provided to the two communities earlier this year and upon which their own budgets were established.

Assessments are increasing due to needed maintenance and repairs identified by the Master Plan and SAW grant. The budget funds next year's capital needs, establishes a plan for continued needed repairs into the future, and reduces CSO's.

The budget includes:

1. \$3.5 million (including \$797,000 of carryover funds) for the design and construction administration of the \$33 million 9 Mile Pump Station project. This office has requested Federal, State and County funds towards this project. We have also applied for low interest SRF funding if grants are not received. Debt costs (if needed) would not begin until FY 2023.
2. \$2.25 million of carry over funding toward the construction and administration of the \$10.8 million In-System Storage project. This office has requested Federal, State and County funds for this project and therefore we do not expect any SRF financing will be needed.
3. \$730,590 of carryover funding for needed structural repairs to the 9 Mile bypass pipe and \$162,500 for our share of the \$900,000 USACE grant for green infrastructure improvements

The elimination of funding for one time projects including \$987,000 for the Chapaton lab and office improvements, \$902,000 for disinfection upgrades, \$211,540 for the pump and screening project, and \$100,000 for the equipment hatch crane replacement partially offset these new project costs.

Personnel costs declined by \$29,120 due to lower County pension and retiree medical costs, partially offset by the district's share of an additional Construction Engineer to assist in numerous district projects. \$20,590 is budgeted for a portion of this new position's pickup truck. Water utility costs fell by \$21,500 due to a change in local storm water charges. County property insurance costs declined by \$15,000.

Other funding changes include \$30,000 to replace SCADA program logic controllers, \$25,000 to begin painting the pump station, \$25,000 to repair the equipment hatch roof, \$15,000 for increased County Finance Department internal service costs, and \$5,000 for an Kubota attachment to operate the hydraulic gates.

8.5 MILE COMMUNITIES

TOTAL CHARGES

FY 2021 vs FY 2022

Cost Category		2020/2021 Charge	2021/2022 Charge	Difference	% Change	Page #
1)	8.5 Mile Relief O&M/Charge Required Revenue	4,509,865	4,748,520	238,655	5.3%	2,4
2)	Debt	386,558	390,060	3,502	0.9%	3
TOTAL		4,896,423	5,138,580	242,157	4.9%	

Communities	2020/2021 Charge	2021/2022 Charge	Difference	% Change
Eastpointe (54.33%)	2,660,442	2,792,019	131,576	4.9%
St. Clair Shores (25.13%)	1,230,408	1,291,258	60,850	4.9%
Michigan (16.04%)	785,233	824,067	38,834	4.9%
Macomb County (2.25%)	110,170	115,618	5,448	4.9%
Dept of Roads (2.25%)	110,170	115,618	5,449	4.9%
TOTAL	4,896,423	5,138,580	242,157	4.9%

**8.5 MILE DRAIN DRAINAGE DISTRICT
2021-2022 CHARGES
EFFECTIVE OCTOBER 1, 2021**

	Total Annual	Monthly	Eastpointe	St. Clair Shores	Michigan	Macomb County	Dept of Roads	Total
			54.33%	25.13%	16.04%	2.25%	2.25%	100.00%
8.5 MILE RELIEF CHARGES								
8.5 Mile Relief O&M	4,748,520	395,710	215,007	99,437	63,459	8,903	8,903	395,710
O&M Total			2,580,081	1,193,242	761,514	106,842	106,842	4,748,520
Debt Total ⁽¹⁾			211,938	98,016	62,553	8,776	8,776	390,060
Grand Total			<u>2,792,019</u>	<u>1,291,258</u>	<u>824,067</u>	<u>115,618</u>	<u>115,618</u>	<u>5,138,580</u>

NOTE

1) The debt will be invoiced separate from the O&M. Generally it will be billed in February and August.

DEBT WORKSHEET

8.5 MILE RELIEF 2021-2022 DEBT WORKSHEET

Not part of O&M invoice. Debt will be invoiced separately every 6 months

No paying agent fees because all SRF bonds

DEBT SERVICE	Principal	Interest	Total	Eastpointe	St. Clair Shores	Michigan	Macomb County	Dept of Roads	Total
SRF 5306-01	210,000	46,250	256,250	139,233	64,391	41,094	5,766	5,766	256,250
SRF 5393-01	65,000	15,840	80,840	43,924	20,314	12,964	1,819	1,819	80,840
SRF 5460-01	20,000	5,760	25,760	13,997	6,473	4,131	580	580	25,760
SRF 5579-01	20,000	7,210	27,210	14,784	6,838	4,364	612	612	27,210
9 Mile Pump Station ⁽²⁾			-	0	0	0	0	0	0
TOTAL	315,000	75,060	390,060	211,938	98,016	62,553	8,776	8,776	390,060

NOTES

- 1) SEMCWWDS and Martin Sanitary are included on separate budget
- 2) SRF debt is projected for 2022/2023 fiscal year.

8.5 MILE RELIEF
Operations Maintenance
Budget to Actual

Description	Page #	Actual 2019/2020	Actual 4/30/2021	Projected 9/30/2021	Budget 2020/2021	Budget 2021/2022	Budget Change	% Change
EXPENSE								
Application/Permit Fee	5	6,000	6,000	6,000	6,000	6,000	0	0.0%
Dues, Training, Conf, Subs.	6	11,669	1,872	13,560	12,850	10,380	(2,470)	-19.2%
Engineering	7	1,442,009	1,222,560	3,545,740	6,948,990	6,700,520	(248,470)	-3.6%
New Equipment	8	40,615	33,119	36,130	15,500	28,590	13,090	84.4%
Office Supplies	9	1,039	31	230	750	500	(250)	-33.3%
Operating Supplies	10	56,510	16,018	43,090	63,700	65,400	1,700	2.7%
Other Professional Svcs	11	133,358	17,562	32,950	46,700	36,000	(10,700)	-22.9%
Personnel Services	12	954,341	564,780	1,010,890	1,061,320	1,032,200	(29,120)	-2.7%
Repair & Maintenance	13	1,122,837	268,787	461,970	372,540	197,000	(175,540)	-47.1%
Contrib to Reserves(Maint and SCADA)	13 & 14	288,240	288,240	288,240	288,245	288,240	(5)	0.0%
Scada System	14	74,365	30,004	94,300	136,680	138,040	1,360	1.0%
Utilities	15	250,355	195,406	255,670	274,100	267,600	(6,500)	-2.4%
Total Expense		4,381,338	2,644,379	5,788,771	9,227,375	8,770,470	(456,905)	-5.0%
REVENUE								
Interest Earned	16	177,886	17,201	27,200	175,000	30,000	(145,000)	-82.9%
Other Revenue	16	743,180	65,940	67,940	4,000	4,000	0	0.0%
8.5 O&M/Charge Required Revenue	16	4,279,768	4,509,865	4,509,865	4,509,865	4,748,520	238,655	5.3%
Carryforward	16	1,309,482	767,472	2,226,760	4,522,050	3,840,000	(682,050)	-15.1%
Rental Fee	16	12,349	0	0	16,460	0	(16,460)	-100.0%
Use of SCADA/Capital Reserve	16	53,665	8,183	8,180	0	147,950	147,950	100.0%
Grants and Bonds	16	0	0	0	0	0	0	0.0%
Total Revenue		6,576,329	5,368,661	6,839,945	9,227,375	8,770,470	(456,905)	-5.0%

Reserve⁽¹⁾ 12,496,599 11,804,150 10,065,790

Additional Notes

1) Broken out as follows:

Disinfection system upgrade	832,752	0	0
Chapaton Improvements-Lab Relocation	250,000	0	0
Chapaton Improvements-Office Space/HVAC	732,321	0	0
Design 9 Mile Bypass	63,266	0	0
As Needed Engineering	45,038	0	0
Pumping and Screening Improvements	254,677	0	0
In-System Storage Design/Const Admin/Const	2,250,000	2,250,000	2,250,000
Chlorine storage tank #3 relining	0	7,500	0
Firewall Hardware Design/Config	0	12,900	0
Obsolete Wireless backhaul replacement links	0	16,120	0
Fiber Optic Improvements	0	16,130	0
SolarWinds - Network Management Software	0	9,670	0
9 Mile Pump Station-Design	0	797,090	0
9 Mile Bypass Pipe Structural Repairs	0	730,590	0
Capital Reserve ⁽²⁾	1,177,486	1,474,590	1,326,640
Scada Reserve	109,025	129,870	158,900
SRF Replacement Reserve	2,073,720	2,332,930	2,592,140
LSCWWI 04B Transfer	738,110	738,110	738,110
Project Contribution from Macomb Cty	2,000,000	2,000,000	2,000,000
In System Contribution from SEMSD	1,000,000	1,000,000	1,000,000
MEDC Grant (From State)	970,204	288,650	0
	<u>12,496,599</u>	<u>11,804,150</u>	<u>10,065,790</u>

2) 2022 amount reduced by \$147,948. This is the figure the 9 Mile Pump Station-Design was over the amount originally budgeted for the flushing system replacement-design project.

**FY 2021-2022
8.5 MILE RELIEF BUDGET DETAIL SHEET
EXPENDITURE REQUEST SHEET**

FUND:	0017	P/Y BUDGET:	\$6,000
ACTIVITY:	Application/Permit Fee	REQUEST:	\$6,000
		INC/(DEC.):	\$0

ACCOUNT EXPLANATION:

DESCRIPTION	21/22	20/21
1) Annual NPDES Permit	6,000	6,000

INCREASE/DECREASE EXPLANATION:

1) 100% 8.5. Martin billed separately.

**FY 2021-2022
8.5 MILE RELIEF BUDGET DETAIL SHEET
EXPENDITURE REQUEST SHEET**

FUND: 0017	P/Y BUDGET: \$12,850
ACTIVITY: Dues, Training, & Conf	REQUEST: \$10,380
	INC/(DEC.): (\$2,470)

ACCOUNT EXPLANATION:

DESCRIPTION	21/22	20/21
1) Certification, Licenses, Training	3,000	3,000
2) Professional Dues and Subscriptions	500	250
3) NexGen Renewal	6,880	9,600
Total	10,380	12,850

INCREASE/DECREASE EXPLANATION:

1) Operators state certified for RTBs and annual confined space training.

1-2) Split with Martin and SEMCWWDS.

3) Annual renewal for the asset management software. Cost decrease reflects IT paying portion

and 20/21 budgeted amount being too high.

Cost is split 50% MIDDD, the other 50% is split 10% SEMCWWDS, 15% Martin and 25% 8.5 Mile.

FY 2021-2022
8.5 MILE RELIEF BUDGET DETAIL SHEET
EXPENDITURE REQUEST SHEET

Fund: 0017
 Activity: Engineering

P/Y BUDGET: \$6,948,990
 REQUEST: \$6,700,520
 INC/(DEC.): (\$248,470)

ACCOUNT EXPLANATION:

Proj #	DESCRIPTION	21/22	20/21
	1) As needed Engineering	75,000	0
	2) 9 Mile PS - Const Admin/Const Mgr at Risk	2,537,390	0
	3) Cost Share Army Corp Grant-Green Infrastructure Project	162,500	0
	4) 9 Mile Pump Station Design-Use of Capital Reserve	147,950	0
	Total New Projects	2,922,840	0
	5) 9 Mile Pump Station-Design(Was Flushing)	797,090	1,328,480
	6) Equipment hatch crane replacement	0	100,000
	7) 9 Mile Bypass Pipe Structural Repairs-Construction/CA	730,590	1,250,000
	8) Disinfection system upgrade (Design and Construction)	0	901,625
	9) Chapaton Improvements-Lab Relocation	0	166,910
	10) Chapaton Improvements-Office Space	0	820,000
	11) In-System Storage-Construction Admin and Construction	2,250,000	2,250,000
	12) 9 Mile Bypass Pipe Structural Repairs-Design	0	44,165
	13) As needed Engineering	0	87,810
	Total Carryover Projects	3,777,680	6,948,990
	TOTAL ALL PROJECTS	6,700,520	6,948,990

Notes

- 1) For unexpected engineering that may arise during the year. This was already bid out to assure we received the best price.
-
- 2) Construction administration and construction manager at risk for the 9 Mile Pump Station.
-
- 3) Remaining share of \$300,000 cost share for Chapaton Basin green infrastructure project grant. Grant is for \$900,000
-
- 4 & 5) Changed from Flushing System Replacement-Design to 9 Mile Pump Station-Design. Awarded to Tetra Tech-\$1,476,428
 Amount of overage will come from the 2022 Capital Reserve reserve(147,950).
-
- 6) Completed
-
- 7) During evaluation of this section of pipe, which is still part of the original construction in the mid-1920's. it was found to need significant repairs. 23 PACP level 4 and 82 PACP level 5 defects were found.
 Total construction and construction admin is \$865,682. Keeping the \$384,318 the project came under budget for unknown possible repairs.
-
- 8-10) projected to be completed
-
- 11) Adds real time control structures within the 8 1/2 Mile Interceptor which will be used to provide additional storage capacity.
 A study was performed to evaluate different options for the Chapaton RTB and this design project will further expand results from that work. A total of close to \$7 million in grants was secured for this project.
 Estimated cost of this project is \$10 million. We do not anticipate an SRF loan due to past and future grants.
-
- 12 & 13) Completed.
-

FY 2021-2022
8.5 MILE RELIEF BUDGET DETAIL SHEET
EXPENDITURE REQUEST SHEET

FUND: 0017
ACTIVITY: New Equipment

P/Y BUDGET: \$15,500
REQUEST: \$28,590
INC/(DEC.): \$13,090

ACCOUNT EXPLANATION:

DESCRIPTION	21/22	20/21
1) Power Take Off for Kubota	5,000	0
2) F-150 Pickup Truck	20,590	0
3) Scissor lift (Split with the MIDDD 50/50)	0	11,500
4) Misc(lab equip, bldg instrumentation, etc)	3,000	4,000
Total	<u>28,590</u>	<u>15,500</u>

INCREASE/DECREASE EXPLANATION:

1) This attachment for the Kubota will allow us to use the Kubota as a backup source to operate any of our hydraulic gates. We have been currently using an older tractor which has reached the end of its useful life and is no longer reliable.

2) This vehicle is for the new construction engineer position.

This cost is being split among the three SE Macomb drain districts (75/15/10).

FY 2021-2022
8.5 MILE RELIEF BUDGET DETAIL SHEET
EXPENDITURE REQUEST SHEET

FUND: 0017
ACTIVITY: Office Supplies

P/Y BUDGET:	\$750
REQUEST:	<u>\$500</u>
INC/(DEC.):	(\$250)

ACCOUNT EXPLANATION:

<u>DESCRIPTION</u>	<u>21/22</u>	<u>20/21</u>
Toner, pens, paper, posters computer supplies, etc	500	750

INCREASE/DECREASE EXPLANATION:

**FY 2021-2022
8.5 MILE RELIEF BUDGET DETAIL SHEET
EXPENDITURE REQUEST SHEET**

FUND: 0017
ACTIVITY: Operating Supplies

P/Y BUDGET: \$63,700
REQUEST: \$65,400
INC/(DEC.): \$1,700

ACCOUNT EXPLANATION:

DESCRIPTION	21/22	20/21
1) Sodium hypochlorite	50,000	50,000
2) Personal protective equipment	1,500	1,000
3) Clothing for operations staff	1,400	1,200
4) Laboratory supplies required by NPDES permit	4,000	4,000
5) Equipment Rental	4,500	3,000
6) Postage	500	500
7) Fuel	2,500	3,000
8) Misc	1,000	1,000
Total	<u>65,400</u>	<u>63,700</u>

INCREASE/DECREASE EXPLANATION:

1 & 4) Fluctuates depending on number of rain events.

2 & 3) Split with SEMCWWDS and Martin.

5) Bobcat rental will be used to assist with on-going cleaning activities after wet weather events at Chapaton. Planning on renting second piece of equipment twice a year to assist with the cleaning activities until flushing system is replaced.

**FY 2021-2022
8.5 MILE RELIEF BUDGET DETAIL SHEET
EXPENDITURE REQUEST SHEET**

FUND: 0017	P/Y BUDGET: \$46,700
ACTIVITY Other Professional Svcs	REQUEST: <u>\$36,000</u>
	INC/(DEC.): (\$10,700)

ACCOUNT EXPLANATION:

DESCRIPTION	21/22	20/21
1) Contract Laboratory for Permit Overflow	7,500	7,500
2) Legal	7,500	5,000
3) Insurance-Liability	11,000	9,200
4) Insurance-Property	10,000	25,000
	36,000	46,700

INCREASE/DECREASE EXPLANATION:

- 1) Fluctuates depending on number of rain events.

- 2) Increase in construction projects.

- 3) Drainage Board approved liability insurance for the District.

- 4) Property insurance is covered under the county policy. Property insurance

cost billed to this district by the County. Current budget number based on actual

for past 2 years.

FY 2021-2022
8.5 MILE RELIEF BUDGET DETAIL SHEET
EXPENDITURE REQUEST SHEET

FUND: 0017
ACTIVITY: Personnel

P/Y BUDGET: \$1,061,320
REQUEST: \$1,032,200
INC/(DEC.): (\$29,120)

ACCOUNT EXPLANATION:

DESCRIPTION	21/22	20/21
1) Pump Station Operators(6 FT operators and 2 PT)	424,150	437,060
2) Operations Manager	89,650	104,650
3) Assistant Operations Mgr	59,710	85,130
4) Pump Station Standby	7,500	8,500
5) Overtime	52,000	52,000
6) SCADA Manager Support	42,190	42,470
7) SCADA System Specialist (FT)	32,360	17,250
8) Engineering Support	182,810	149,730
9) Senior Asset Mgmt Tech	33,590	46,750
10) Clerical Support	12,400	12,240
11) Accounting	7,280	7,140
12) Administrative	36,540	46,890
13) MIDDD Field Operator Reimbursement	52,020	51,510
Total	1,032,200	1,061,320

INCREASE/DECREASE EXPLANATION:

- 1-5) 75% of Chapaton staff is charged to 8.5 Mile Relief District. Remaining 25%
is split between SEMCWWDS(10%) and Martin(15%).
- 1-13) Estimated county pension and retiree medical rates decreased for 2022.
- 1-3) Reduction is due to employee turnover
- 6-9) These positions will spend 37.5% of their time on 8.5 Mile Relief, 5% at SEMCWWDS,
and 7.5% at Martin. The remaining 50% is with MIDDD.
- 7) Part-time person retired. Made this position full-time due to difficulties in attracting help for part-time
positions and is less costly than contracting out at \$85 per hour.
- 8) Four engineers performing 8.5 Mile duties. Added engineer for 2022.
- 9) Position to support Nexgen tasks for Wastewater. Cost split with MIDDD, Martin, SEMCWWDS.
2021 budget was budgeted to high. 2022 reflects correct estimate.
- 10-11) 75% of support staff is charged to 8.5 Mile Relief District. Remaining 25%
is split between SEMCWWDS(10%) and Martin(15%).
- 12) Cross charge for administrative personnel. 5.25% is charged to 8.5 Mile, the remaining is
split between SEMCWWDS, Martin, MIDDD, and General.
2021 was overstated because 8.5 included Martin and SEMCWWDS' share of the payroll costs.
- 13) Field Operators from the MIDDD provide training and other assistance
to the 8.5 Mile Drainage District.

**FY 2021-2022
8.5 MILE RELIEF BUDGET DETAIL SHEET
EXPENDITURE REQUEST SHEET**

FUND: 0017
ACTIVITY: SCADA

P/Y BUDGET: \$136,680
REQUEST: \$138,040
INC/(DEC.): \$1,360

ACCOUNT EXPLANATION:

	DESCRIPTION	21/22	20/21
	1) SCADA as needed	35,000	32,250
	2) UPS battery replacements	250	250
	3) Wonderware Software Support Renewal	6,450	5,860
	4) Sonicware Support Renewal	0	0
	5) VMWare support renewal	2,900	0
	6) VEEAM support renewal	870	320
	7) Dell Hardware Support Renewal	4,360	0
	8) Comcast Business Service	2,400	2,380
	9) Cell modem service (Sprint) 9 units	140	100
	10) Cell modem service (Verizon) 14 units	850	700
	11) Storm Pump PLC Replacements	30,000	0
	Total Annual Projects	83,220	41,860
	12) PLC Replacements at Chapaton East	0	40,000
	13) Firewall Hardware Design/Config	12,900	12,900
	14) Obsolete Wireless backhaul replacement links	16,120	16,120
	15) Fiber Optic Improvements	16,130	16,130
	16) SolarWinds - Network Management Software	9,670	9,670
	Total Carryover Projects	54,820	94,820
	Grand Total-SCADA	138,040	136,680
Reserve	Future costs of Server Upgrade - Life Cycle per year	29,030	29,025

INCREASE/DECREASE EXPLANATION:

3 & 6) Increase reflects higher cost from vendor.

4) No renewal is needed this upcoming year.

5 & 7) Renewal is due in 2022.

11) This is a SCADA device that controls the large stormwater pumps at the Chapaton pump station.

The existing units were installed around 2003 and have reached the end of their useful life.

PLC=Programmable Logic Controls

12) Completed

13-16) Due to COVID, projects were delayed as to not affect SCADA during this time.

13) The existing firewalls are being dual purposed to act as a security appliance and as an OSPF router. The routing capabilities of the existing firewalls are very limited and often times will cause outages simply due to their poor routing capabilities.

14) Several critical wireless links utilize 10-year old technology and can no longer be purchased.

Since they have reached the end of their useful life, they are in need of replacement

15) This will be used to start setting up redundant links for our main SCADA servers. We have had a few issues since the County fiber was installed that when it goes down we completely lose backup abilities between the two servers.

16) We currently own the base version of this software. The software support has not been kept up and this is to upgrade the software to a business format. This upgraded platform will help streamline communications support for our staff.

FY 2021-2022
8.5 MILE RELIEF BUDGET DETAIL SHEET
EXPENDITURE REQUEST SHEET

FUND: 0017
ACTIVITY: Utilities

P/Y BUDGET: \$274,100
REQUEST: \$267,600
INC/(DEC.): (\$6,500)

ACCOUNT EXPLANATION:

DESCRIPTION	21/22	20/21
1) Electric Service	110,000	110,000
2) Consumers Energy	15,000	15,000
3) Water	3,500	25,000
4) Internet Provider	1,500	1,500
5) Waste Hauler	2,000	2,000
6) Weather Radar	2,500	2,500
7) Internal service cost	130,000	115,000
8) Telephone(Cell)	3,100	3,100
Total	267,600	274,100

INCREASE/DECREASE EXPLANATION:

- 3) St. Clair Shores changed method to charge stormwater. Now charged on amount of runoff and not added on water bill.
-
- 6) Split with MIDDD, SEMCWWDS, and Martin.
-
- 7) Current charges based on amount invoiced from County. Examples include use of IT Department, phones, Treasurer's Office.
-
- 7 & 8) Split with Martin and SEMCWWDS.
-

Revenue Detail

Revenue	2021/2022 BUDGET	2020/2021 BUDGET
Interest Earned ⁽¹⁾	30,000	175,000
Other Revenue	4,000	4,000
Carryforward ⁽²⁾	3,840,000	4,522,050
8.5 O&M/Charge Required Revenue	4,748,520	4,509,865
Rental Fee (Fishbone's)	0	16,460
Use of Capital Reserve	147,950	0
Grants and Bond Proceeds	0	0
Total	8,770,470	9,227,375

NOTES

- 1) Interest rate have significantly decreased since last fiscal year.
- 2) Remaining projects that were charged in prior years that should be completed in 21/22
- | | |
|--|-----------|
| Chlorine storage tank #3 relining | 7,500 |
| In-System Storage Design | 2,250,000 |
| 9 Mile Pump Station-Design | 797,090 |
| 9 Mile Bypass Pipe Structural Repairs | 730,590 |
| Firewall Hardware Design/Config | 12,900 |
| Obsolete Wireless backhaul replacement links | 16,120 |
| Fiber Optic Improvements | 16,130 |
| SolarWinds - Network Management Software | 9,670 |

TOTAL	3,840,000
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EIGHT AND ONE-HALF MILE RELIEF DRAIN - 7/13/21 - 8/3/21

<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% St. Clair Shores – 25.13%	Astorino	Abel Electronics	\$ 8,770.00	Invoice #995301 - 7.29.21	Computer Equipment SCADA			
			Aloia & Associates, P.C.	\$ 1,301.50	Invoice #22179 - 6.1.21	9 Mile Pump Station - Road Vacation			
			CDW Government	\$ 527.86	Invoice #G693054 - 7.9.21	Card Reader			
			CDW Government	\$ 1,089.27	Invoice #H153063 - 7.21.21	SCADA System Maintenance			
			City of St. Clair Shores	\$ 944.92	Invoice #21-425 - 6.30.21	Monthly Utilities - 3.14.21 - 6.14.21			
			Colville Electric Co., LLC	\$ 1,885.50	Invoice #210299 - 6.30.21	TRC Repair and Maintenance			
			Colville Electric Co., LLC	\$ 13,992.41	Invoice #210307 - 7.9.21	Wire Equipment for Actuators			
			Colville Electric Co., LLC	\$ 869.59	Invoice #210313 - 7.9.21	Conduit for Level Transmitters			
			Colville Electric Co., LLC	\$ 2,560.00	Invoice #210317 - 7.9.21	Replace PLC			
			Colville Electric Co., LLC	\$ 2,281.30	Invoice #210318 - 7.9.21	SCADA Cabinet Clean Up			
			Colville Electric Co., LLC	\$ 532.24	Invoice #210349 - 7.9.21	Fiber Optic Cable Installation - East Building			
			Cross Construction Group	\$ 11,870.59	Invoice #WO19082 EST #8 - 7.27.21	Chapaton Lab & Mezzanine, Est. #8	\$ 69,761.79		
			Cummins Sales & Service	\$ 721.97	Invoice #S6-71499 - 7.1.21	Generator Load Test			
			De-Cal, Inc.	\$ 546.20	Invoice #WO90021105-1 - 7.19.21	2nd Quarter PM on HVAC			
			De-Cal, Inc.	\$ 1,208.20	Invoice #WO9211311 - 7.27.21	Control Room HVAC Repairs			
			Doetsch	\$ 27,900.00	Invoice #71656 - 6.30.21	Annual Wet Well Cleaning 5.21.21 - 6.3.21			
			DTE Energy	\$ 12,346.78	Invoice #RRQDZ-T71ZQ - 7.9.21	Monthly Electric - 6.8.21 - 7.8.21			
			Fishbeck	\$ 22,750.09	Invoice #402542 - 7.14.21	9 Mile/RTB Structural Repairs	\$ 151,432.84		
			JCI Jones Chemicals, Inc.	\$ 4,323.30	Invoice #859437 - 7.6.21	Hypochlorite Solution - 4,478 Gallons			
			Kennedy Industries	\$ 2,200.00	Invoice #623612 - 2.23.21	Annual Preventative Maintenance on Pumps			
			Marino's Landscape	\$ 1,445.00	Invoice #13835 - 6.30.21	Lawn Care June 2021			
			Pullman SST, Inc.	\$ 106,744.50	Invoice #WO21008, EST #2 - 7.27.21	Chapaton Basin & 9 Mile Emergency Bypass Sewer	\$ 613,645.50		
			PVS Nolwood Chemicals	\$ 5,839.45	Invoice #724132 - 7.8.21	Hypochlorite - 39,480 Gallons			
			TD Painting & Wallcovering	\$ 1,298.31	Invoice #5195 - 7.7.21	Generator Enclosure Painting			
			Tri-County Aquatics, Inc.	\$ 2,480.00	Invoice #5650 - 7.24.21	Chapaton Vegetation Spraying			
			Wade Trim	\$ 841.02	Invoice #2021472 - 7.21.21	Chapaton Disinfection Improvements through 7.16.21	\$ 57,789.44		
			Weiss Construction	\$ 20,925.00	Invoice #PAY EST #8 - 7.28.21	Chapaton Disinfection Improvements through 7.31.21	\$ 111,584.42		
			Total			\$ 258,195.00			



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Michelle Houvener	95966	8/2/21
4. SET ID		5. POST DATE
VP210802MA		

PARENT RECORD INFORMATION					
6. VENDOR NAME (Check to be issued to)	7. VENDOR NUMBER	8. ADDR CODE	9. Invoice No (MAX = 16 CHARACTERS)	10. Invoice Date	11. Invoice Amount
Abel Electronics	V00024	01	995301	7/29/2021	\$ 8,770.00

CHILD RECORD DETAIL INFORMATION											
Line	General Ledger		Job Ledger		16. Work Order Number	OPTIONAL	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC	22. Sep Ck
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object		17. Secondary Reference (MAX = 16 CHARACTERS)					
A	8200017M	97002	CC0004	97002	WO19082	8 1/2 Mile Relief	PW000179 - Dell eqpmt	\$ 8,770.00	GEN		
B											
C											
D											
E											
F											
G											

23. Total: \$ 8,770.00 REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

<p>25. Finance Officer: <u>BM/mh</u></p> <p>26. Chief Deputy: _____</p> <p>27. Engineers: _____</p> <p>28. Managers: _____</p> <p>29. Coordinator: _____</p>	<p>30. Drain: <u>8 1/2 Mile Relief</u></p> <p>31. Project Balance: <u>N/A</u></p> <p>32. Staff Date: <u>8/3/2021</u></p> <p>33. Board Date: <u>8/9/2021</u></p> <p>34. Select For Pay Date: _____</p>
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27201 HARPER AVENUE
ST. CLAIR SHORES, MI 48081

INVOICE NUMBER
995301
Invoice Date
07/29/2021

Phone: Fax:

Sold To:

MACOMB COUNTY OPW
23001 E 9 MILE RD
SAINT CLAIR SHORES, MI

48080

Ship To:

JOE BETZ

Customer No.	Service Order No.	P.O. Number	Payment Terms	Page No.
390	990130	PW000179	NET 30 DAYS	1
Sales Rep.	Shipping Method		Due Date	Station
MSM 006			08/28/2021	006
				Time
				11:10

Quantity	Item	Description	Unit Price	Extension
2.00		DELL PRECISION 3930 RACK XCTO	2,200.00	4,400.00
		- Precision 3930 Rack XCTO Base 210-APXG		
		- Intel Core i7-8700,(6 Core, 12MB Cache, 3.20GHz, 4.6Ghz		
		- Turbo w/HD Graphics 630)		
		- Heatsink for less than 65W Processors		
		- Win 10 Pro 64 English, French, Spanish 619-AHKN - 1 -		
		No Microsoft Office License Included		
		- 3930 Rack Refresh Chassis 321-BEUW - 1 -		
		- Dual Nvidia Quadro P1000, 4GB, 4 mDP (3930R) 490-BFKG		
		- 16GB, 1x16GB, DDR4, 2666MHz, non-ECC Memory		
		- Standard Management		
		- CT SATA HDD SSD Drives		
		- 2.5" 512GB SATA Class 20 Solid State Drive		
1.00		PROSUPPORT PLUS: 7X24 TECHNICAL SUPPORT, 3 YEARS		
1.00		PROSUPPORT PLUS: NEXT BUSINESS DAY ONSITE 3 YEARS		
1.00		HDMI TO DISPLAY PORT CABLES	20.00	80.00
4.00		HDMI CABLES	20.00	80.00
1.00		CRESTRON HD-TXC-101-C-E	325.00	1,300.00
4.00		CRESTRON HD-RXC-101-C-E	325.00	1,300.00
2.00		APC - SMC15002C	705.00	1,410.00

Charged to Account	SubTotal Amount	Sales Tax	Invoice TOTAL
8,770.00	8770.00	0.00	8,770.00

Date Due:	08/28/2021	Balance Due:	\$ 8770.00
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For Returns See In Store Policy

Signature: _____



27201 HARPER AVENUE
ST. CLAIR SHORES, MI 48081

INVOICE NUMBER
995301
Invoice Date
07/29/2021

Phone: Fax:

Sold To:

MACOMB COUNTY OPW
23001 E 9 MILE RD
SAINT CLAIR SHORES, MI 48080

Ship To:

JOE BETZ

Customer No.	Service Order No.	P.O. Number	Payment Terms	Page No.
390	990130	PW000179	NET 30 DAYS	2
Sales Rep.	Shipping Method		Due Date	Station
MSM 006			08/28/2021	006
				Time
				11:10

Quantity	Item	Description	Unit Price	Extension
1.00		SHIPPING	200.00	200.00

Charged to Account	SubTotal Amount	Sales Tax	Invoice TOTAL
8,770.00	8770.00	0.00	8,770.00

Date Due:	08/28/2021	Balance Due:	\$ 8770.00
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For Returns See In Store Policy

Signature: _____

PURCHASE ORDER NO.

PW000179

PURCHASE ORDER NUMBER MUST
APPEAR ON ALL INVOICES AND SHIPPING
DOCUMENTS.

Vendor: **V00024**
ABEL ELECTRONICS

27201 HARPER
ST CLAIR SHORES, MI 48081

Ship To: **DPWK**
PUBLIC WORKS OFFICE
CHAPATON PUMP STATION
23001 9 MILE ROAD
SAINT CLAIR SHORES MI 48080

Requested by: Michelle Houvener

Req. Dt: 07/28/2021

ITEMS

ITEM #	ORGKEY	OBJECT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED PRICE
0001	8200017M	97002	Dell Precision 3930 Rack XCTO	2.00		2,200.00	4,400.00
0002	8200017M	97002	HDMI to Display Port Cables	4.00		20.00	80.00
0003	8200017M	97002	HDMI Cables	4.00		20.00	80.00
0004	8200017M	97002	Crestron HD-TXC-101-C-3	4.00		325.00	1,300.00
0005	8200017M	97002	Crestron HD-RXC-101-C-E	4.00		325.00	1,300.00
0006	8200017M	97002	APC-SMC15002C	2.00		705.00	1,410.00
0007	8200017M	72903	Shipping	1.00		200.00	200.00
0008	8200017M	72903	Per Order #990130	1.00		0.00	0.00

TOTAL \$8,770.00

BILL TO:
MACOMB COUNTY PUBLIC WORKS
FINANCE DEPARTMENT
21777 DUNHAM ROAD
CLINTON TOWNSHIP, MI 48036

Bruce Manning/mh
AUTHORIZED AGENT

Print Date: 07/28/2021

PW000179



27201 HARPER AVENUE
ST. CLAIR SHORES, MI 48081

ORDER NUMBER
990130
Order Date
03/26/2021

Phone: Fax:

W019082

Sold To:
MACOMB COUNTY OPW
23001 E 9 MILE RD
SAINT CLAIR SHORES, MI

Ship To:
JOE BETZ

48080

Customer No.	Service Order No.	P.O. Number	Payment Terms	Page No.
390			NET 30 DAYS	1
Sales Rep.	Shipping Method		Due Date	Station
MSM 006			04/25/2021	006
				16:33

Quantity	Item	Description	Unit Price	Extension
2.00		DELL PRECISION 3930 RACK XCTO	2,200.00	4,400.00
		- Precision 3930 Rack XCTO Base 210-APXG		
		- Intel Core i7-8700,(6 Core, 12MB Cache, 3.20GHz, 4.6Ghz		
		- Turbo w/HD Graphics 630)		
		- Heatsink for less than 65W Processors		
		- Win 10 Pro 64 English, French, Spanish 619-AHKN - 1 -		
		No Microsoft Office License Included		
		- 3930 Rack Refresh Chassis 321-BEUW - 1 -		
		- Dual Nvidia Quadro P1000, 4GB, 4 mDP (3930R) 490-BFKG		
		- 16GB, 1x16GB, DDR4, 2666MHz, non-ECC Memory		
		- Standard Management		
		- C1 SATA HDD/SSD Drives		
		- 2.5" 512GB SATA Class 20 Solid State Drive		
1.00		PROSUPPORT PLUS: 7X24 TECHNICAL SUPPORT, 3 YEARS		
1.00		PROSUPPORT PLUS: NEXT BUSINESS DAY ONSITE 3 YEARS		
4.00		HDMI TO DISPLAY PORT CABLES	20.00	80.00
4.00		HDMI CABLES	20.00	80.00
4.00		CRESTRON HD-TXC-101-C-E	325.00	1,300.00
4.00		CRESTRON HD-RXC-101-C-E	325.00	1,300.00
2.00		APC - SMC15002C	705.00	1,410.00
1.00		SHIPPING	200.00	200.00

Charge Acct	SubTotal Amount	Sales Tax	Order TOTAL
0.00	8770.00	0.00	8,770.00

Date Due:	04/25/2021	Balance Due:	\$ 8770.00
------------------	------------	---------------------	------------

For Returns See In Store Policy

Signature: _____



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Michelle Houvener	95966	7/9/21
4. SET ID		5. POST DATE
VP210709MA		

PARENT RECORD INFORMATION					
6. VENDOR NAME (Check to be issued to)	7. VENDOR NUMBER	8. ADDR CODE	9. Invoice No (MAX = 16 CHARACTERS)	10. Invoice Date	11. Invoice Amount
Aloia & Associates, P.C.	V25733	01	22179	6/1/2021	\$ 1,301.50

CHILD RECORD DETAIL INFORMATION											
Line	General Ledger		Job Ledger		16. Work Order Number	OPTIONAL	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC	22. Sep CK
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object		17. Secondary Reference (MAX = 16 CHARACTERS)					
A	8200017M	80139	CC0004	80139	WO18006	8 1/2 Mile Relief	Re: 1000-25 May 2021	\$ 1,301.50	GEN		
B											
C											
D											
E											
F											
G											

23. Total: \$ 1,301.50

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

25. Finance Officer: <u>BM/my</u> 26. Chief Deputy: _____ 27. Engineers: _____ 28. Managers: _____ 29. Coordinator: _____	30. Drain: <u>8 1/2 Mile Relief</u> 31. Project Balance: <u>N/A</u> 32. Staff Date: <u>7/13/2021</u> 33. Board Date: <u>8/9/2021</u> 34. Select For Pay Date: _____
---	---

ALOIA & ASSOCIATES, P.C.

48 South Main Street, Suite 3
Mount Clemens, MI 48043
(586) 783-3300

Invoice submitted to:

8 1/2 Mile Drain Drainage District
Macomb County Department of Public
Works
Attn: Brian Baker
21777 Dunham Road
Clinton Township, MI 48036

<i>Invoice Date</i>	<i>Invoice Number</i>	<i>Last Bill Date</i>
June 1, 2021	22179	May 1, 2021

In Reference To: File No. 1000-25
8 1/2 Mile Drain Drainage District

Professional Services

			<u>Hours</u>	<u>Amount</u>
5/13/2021	JMC	Office conference with Attorney Aloia; communication with Vince Asterino.	0.50	95.00
	BJA	Review and analysis of information relating to 9 Mile vacation; strategy meeting with Attorney Candela and communications with Vince Astorino regarding same.	0.75	142.50
5/14/2021	BJA	Communications with Kevin Chadwick of MCDR about jurisdiction of 9 Mile Road and possible vacation.	0.30	57.00
5/25/2021	JMC	Conduct legal research regarding city road vacation; draft memo to file/client.	2.00	380.00
5/26/2021	JMC	Telephone conversation with attorney for City of St. Clair Shores.	0.50	95.00
5/27/2021	JMC	Re: Chapaton - Telephone conversation with Vince Astorino; research relevant properties; research relevant plats; conduct legal research regarding vacating city streets.	2.40	456.00
	BJA	Re: Chapaton - Receive and review information relative to road vacation from client.	0.40	76.00
		For professional services rendered	<u>6.85</u>	<u>\$1,301.50</u>



Mark A. Hackel
County Executive

ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Michelle Houvener	95966	7/15/21
4. SET ID		5. POST DATE
VP210721MA		

PARENT RECORD INFORMATION					
6. VENDOR NAME (Check to be issued to)	7. VENDOR NUMBER	8. ADDR CODE	9. Invoice No (MAX = 16 CHARACTERS)	10. Invoice Date	11. Invoice Amount
CDW GOVERNMENT	V00821	02	G693054	7/9/2021	\$ 527.86

CHILD RECORD DETAIL INFORMATION											
Line	General Ledger		Job Ledger		16. Work Order Number	OPTIONAL	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC	22. Sep CK
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object		17. Secondary Reference (MAX = 16 CHARACTERS)					
A	8200017M	72613	CC0014	72613	WO18006	8 1/2 Mile Rlf	Cust #10022053, Card reader	\$ 527.86	GEN		
B											
C											
D											
E											
F											
G											

23. Total: \$ 527.86

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

<p>25. Finance Officer: <u>Bm/mh</u></p> <p>26. Chief Deputy: _____</p> <p>27. Engineers: _____</p> <p>28. Managers: _____</p> <p>29. Coordinator: _____</p>	<p>30. Drain: <u>8 1/2 Mile Relief</u></p> <p>31. Project Balance: <u>N/A</u></p> <p>32. Staff Date: <u>8/3/2021</u></p> <p>33. Board Date: <u>8/9/2021</u></p> <p>34. Select For Pay Date: _____</p>
--	---

REMIT PAYMENT TO: _____

INVOICE

ACH INFORMATION:
 THE NORTHERN TRUST
 50 SOUTH LASALLE STREET
 CHICAGO, IL 60675

E-mail Remittance To: gachremittance@cdw.com
 ROUTING NO.: 071000152
 ACCOUNT NAME: CDW GOVERNMENT
 ACCOUNT NO.: 91057



CDW Government
 75 Remittance Drive, Suite 1515
 Chicago, IL 60675-1515



RETURN SERVICE REQUESTED

INVOICE NUMBER	INVOICE DATE	CUSTOMER NUMBER
G693054	07/09/21	10022053
SUBTOTAL	SHIPPING	SALES TAX
\$527.86	\$0.00	\$0.00
DUE DATE		AMOUNT DUE
08/08/21		\$527.86

175 1 MB 0.450 E0163 I0255 D7832095977 S2 P8385585 0002:0002



CDW Government
 75 Remittance Drive
 Suite 1515
 Chicago, IL 60675-1515



MACOMB COUNTY PUBLIC WORKS COMMISSI
 ACCOUNTS PAYABLE
 21777 DUNHAM RD
 CLINTON TOWNSHIP MI 48036-1005

PLEASE RETURN THIS PORTION WITH YOUR PAYMENT

INVOICE DATE	INVOICE NUMBER	PAYMENT TERMS			DUE DATE	
07/09/21	G693054	Net 30 Days			08/08/21	
ORDER DATE	SHIP VIA	PURCHASE ORDER NUMBER			CUSTOMER NUMBER	
07/08/21	DROP SHIP-GROUND	CHAP_SCADA			10022053	
ITEM NUMBER	DESCRIPTION	QTY ORD	QTY SHIP	QTY B/O	UNIT PRICE	TOTAL
5540837	RF IDEAS PCPROX CARD READER Manufacturer Part Number: EL-RFIDEAS-80081AKO	2	2	0	263.93	527.86

GO GREEN!

CDW is happy to announce that paperless billing is now available! If you would like to start receiving your invoices as an emailed PDF, please email CDW at paperlessbilling@cdw.com. Please include your Customer number or an Invoice number in your email for faster processing.

REDUCE PROCESSING COSTS AND ELIMINATE THE HASSLE OF PAPER CHECKS!

Begin transmitting your payments electronically via ACH using CDW's bank and remittance information located at the top of the attached payment coupon. Email credit@cdw.com with any questions.

ACCOUNT MANAGER	SHIPPING ADDRESS:	SUBTOTAL	
DAVE ENGMARK 312-705-8110 davieng@cdwg.com	CHAPATON PUMPING STATION ATTN: BRENT WESLER 23001 EAST 9 MILE RD ST. CLAIR SHORES MI 48080		\$527.86
SALES ORDER NUMBER		SHIPPING	\$0.00
1C5C6DD		SALES TAX	\$0.00
		AMOUNT DUE	\$527.86

Cage Code Number 1KH72
 DUNS Number 02-615-7235

HAVE QUESTIONS ABOUT YOUR ACCOUNT?
 PLEASE EMAIL US AT credit@cdw.com

ISO 9001 and ISO 14001 Certified
 CDW GOVERNMENT FEIN 36-4230110

VISIT US ON THE INTERNET AT www.cdwg.com



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BY ACCEPTING DELIVERY OF THE PRODUCTS OR BY ENGAGING THE CDW AFFILIATE IDENTIFIED ON THE INVOICE, STATEMENT OF WORK OR OTHER CDW DOCUMENTATION ("SELLER") TO PROVIDE PRODUCT OR PERFORM OR PROCURE ANY SERVICES, CUSTOMER AGREES TO BE BOUND BY AND ACCEPTS THESE TERMS AND CONDITIONS UNLESS CUSTOMER AND SELLER HAVE SIGNED A SEPARATE AGREEMENT FOR THE PROVISION OF PRODUCT OR PERFORMANCE OF SERVICES, IN WHICH CASE THE SEPARATE AGREEMENT WILL GOVERN.

Important Information About These Terms and Conditions

These Terms and Conditions constitute a binding contract between Customer and Seller and are referred to herein as either "Terms and Conditions" or this "Agreement". Customer accepts these Terms and Conditions by making a purchase from or placing an order with Seller or shopping on Seller's Website (the "Site") or otherwise receiving products (the "Products") or engaging Seller to perform or procure any Services (as this and all capitalized terms are defined herein).

Customer may issue a purchase order for administrative purposes only. Additional or different terms and conditions contained in any such purchase order will be null and void. This Agreement including the terms contained in the "Terms and Conditions" link at www.cdw.com which Customer acknowledges and agrees are incorporated herein by reference contains the entire understanding of the parties with respect to the matters contained herein and supersedes and replaces in its entirety any and all prior communications and contemporaneous agreements and understandings, whether oral, written, electronic or implied, if any, between the parties with respect to the subject matter hereof.

Governing Law

THESE TERMS AND CONDITIONS, ANY STATEMENTS OF WORK, THE SERVICES HEREUNDER AND ANY SALE OF PRODUCTS HEREUNDER WILL BE GOVERNED BY THE LAWS OF THE STATE OF ILLINOIS, WITHOUT REGARD TO CONFLICTS OF LAWS RULES, ANY ARBITRATION, ENFORCEMENT OF AN ARBITRATION OR LITIGATION WILL BE BROUGHT EXCLUSIVELY IN COOK COUNTY, ILLINOIS, AND CUSTOMER CONSENTS TO THE JURISDICTION OF THE FEDERAL AND STATE COURTS LOCATED THEREIN, SUBMITS TO THE JURISDICTION THEREOF AND WAIVES THE RIGHT TO CHANGE VENUE. CUSTOMER FURTHER CONSENTS TO THE EXERCISE OF PERSONAL JURISDICTION BY ANY SUCH COURT WITH RESPECT TO ANY SUCH PROCEEDING. Except in the case of nonpayment, neither party may institute any action in any form arising out of these Terms and Conditions more than one (1) year after the cause of action has arisen. The rights and remedies provided Seller under these Terms and Conditions are cumulative, are in addition to, and do not limit or prejudice any other right or remedy available at law or in equity.

Title, Risk of Loss

If Customer provides Seller with Customer's carrier account number or selects a carrier other than a carrier that regularly ships for Seller, title to Products and risk of loss or damage during shipment pass from Seller to Customer upon delivery to the carrier (F.O.B. Origin, freight collect). For all other shipments, title to Products and risk of loss or damage during shipment pass from Seller to Customer upon delivery to the specified destination (F.O.B. Destination, freight prepaid and added). Notwithstanding the foregoing, title to software will remain with the applicable licensor(s), and Customer's rights therein are contained in the license agreement between such licensor(s) and Customer. A purchase money security interest is retained in the Products to secure payment in full. Customer authorizes Seller to file a financing statement reflecting such security interest and, if requested, Customer will record such purchase money security interest on its books.

Payment

Orders are not binding upon Seller until accepted by Seller. Customer agrees to pay the total purchase price for the Products plus shipping (to the extent shipping is not prepaid by Customer), including shipping charges that are billed to Seller as a result of using Customer's carrier account number. Terms of payment are within Seller's sole discretion. In connection with Services being performed pursuant to a Statement of Work, Customer will pay for the Services in the amounts and in accordance with any payment schedule set forth in the applicable Statement of Work. If no payment schedule is provided, Customer will pay for the Services as invoices by Seller. Invoices are due and payable within the time period specified on the invoice, measured from the date of invoice, subject to continuing credit approval by Seller. Seller, or any of its Affiliates on behalf of Seller may issue an invoice to Customer. Seller may invoice Customer separately for partial shipments, and Seller may invoice Customer for all of the Services described in a Statement of Work or any portion thereof. Customer agrees to pay interest on all past-due sums at the lower of one and one-half percent (1.5%) per month or the highest rate allowed by law. In the event of a payment default, Customer will be responsible for all of Seller's costs of collection, including, but not limited to, court costs, filing fees and attorneys' fees. In addition, if payments are not received as described above, Seller reserves the right to suspend Services until payment is received.

Export Sales

If this transaction involves an export of items (including, but not limited to commodities, software or technology), subject to the Export Administration Regulations, such items were exported from the United States by Seller in accordance with the Export Administration Regulations. Diversion contrary to United States law is prohibited.

Warranties

Customer understands that Seller is not the manufacturer of the Products purchased by Customer hereunder and the only warranties offered are those of the manufacturer, not Seller or its Affiliates. In purchasing the Products, Customer is relying on the manufacturer's specifications only and is not relying on any statements, specifications, photographs or other illustrations representing the Products that may be provided by Seller or its Affiliates. SELLER AND ITS AFFILIATES HEREBY EXPRESSLY DISCLAIM ALL WARRANTIES EITHER EXPRESS OR IMPLIED, RELATED TO PRODUCTS, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTY OF TITLE, ACCURACY, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WARRANTY OF NON-INFRINGEMENT, OR ANY WARRANTY RELATING TO THIRD PARTY SERVICES. THE DISCLAIMER CONTAINED IN THIS PARAGRAPH DOES NOT AFFECT THE TERMS OF ANY MANUFACTURER'S WARRANTY. Customer expressly waives any claim that it may have against Seller or its Affiliates based on any product liability or infringement or alleged infringement of any patent, copyright, trade secret or other intellectual property rights (each a "Claim") with respect to any Product and also waives any right to indemnification from Seller or its Affiliates against any such Claim made against Customer by a third party. Customer acknowledges that no employee of Seller or its Affiliates is authorized to make any representation or warranty on behalf of Seller or any of its Affiliates that is not in this Agreement.

Seller warrants that the Services will be performed in a good and workmanlike manner. Customer's sole and exclusive remedy and Seller's entire liability with respect to this warranty will be, at the sole option of Seller, to either (a) use its reasonable commercial efforts to reperform or cause to be reperformed any Services not in substantial compliance with this warranty or (b) refund amounts paid by Customer related to the portion of the Services not in substantial compliance; provided, in each case, Customer notifies Seller in writing within five (5) business days after performance of the applicable Services. EXCEPT AS SET FORTH HEREIN OR IN ANY STATEMENT OF WORK THAT EXPRESSLY AMENDS SELLER'S WARRANTY, AND SUBJECT TO APPLICABLE LAW, SELLER MAKES NO OTHER, AND EXPRESSLY DISCLAIMS ALL OTHER, REPRESENTATIONS, WARRANTIES, CONDITIONS OR COVENANTS, EITHER EXPRESS OR IMPLIED (INCLUDING WITHOUT LIMITATION, ANY EXPRESS OR IMPLIED WARRANTIES OR CONDITIONS OF FITNESS FOR A PARTICULAR PURPOSE, MERCHANTABILITY, DURABILITY, TITLE, ACCURACY OR NON-INFRINGEMENT) ARISING OUT OF OR RELATED TO THE PERFORMANCE OR NON-PERFORMANCE OF THE SERVICES, INCLUDING BUT NOT LIMITED TO ANY WARRANTY RELATING TO THIRD PARTY SERVICES, ANY WARRANTY WITH RESPECT TO THE PERFORMANCE OF ANY HARDWARE OR SOFTWARE USED IN PERFORMING SERVICES AND ANY WARRANTY CONCERNING THE RESULTS TO BE OBTAINED FROM THE SERVICES. THIS DISCLAIMER AND EXCLUSION SHALL APPLY EVEN IF THE EXPRESS WARRANTY AND LIMITED REMEDY SET FORTH HEREIN FAIL ITS ESSENTIAL PURPOSE. CUSTOMER ACKNOWLEDGES THAT NO REPRESENTATIVE OF SELLER OR OF ITS AFFILIATES IS AUTHORIZED TO MAKE ANY REPRESENTATION OR WARRANTY ON BEHALF OF SELLER OR ANY OF ITS AFFILIATES THAT IS NOT IN THIS AGREEMENT OR IN A STATEMENT OF WORK EXPRESSLY AMENDING SELLER'S WARRANTY.

Customer shall be solely responsible for daily back-up and other protection of its data and software against loss, damage or corruption. Customer shall be solely responsible for reconstructing data (including but not limited to data located on disk files and memories) and software that may be lost, damaged or corrupted during the performance of Services. SELLER, ITS AFFILIATES, AND ITS AND THEIR SUPPLIERS, SUBCONTRACTORS AND AGENTS ARE HEREBY RELEASED AND SHALL CONTINUE TO BE RELEASED FROM ALL LIABILITY IN CONNECTION WITH THE LOSS, DAMAGE OR CORRUPTION OF DATA AND SOFTWARE, AND CUSTOMER ASSUMES ALL RISK OF LOSS, DAMAGE OR CORRUPTION OF DATA AND SOFTWARE IN ANY WAY RELATED TO OR RESULTING FROM THE SERVICES.

Seller will not be responsible for and no liability shall result to Seller or any of its Affiliates for any delays in delivery or in performance which result from any circumstances beyond Seller's reasonable control, including, but not limited to, Product unavailability, carrier delays, delays due to fire, severe weather conditions, failure of power, labor problems, acts of war, terrorism, embargo, acts of God or acts or laws of any government or agency. Any shipping dates or completion dates provided by Seller or any purported deadlines contained in a Statement of Work or any other document are estimates only.

Pricing Information; Availability Disclaimer

Seller reserves the right to make adjustments to pricing, Products and Service offerings for reasons including, but not limited to, changing market conditions, Product discontinuation, Product unavailability, manufacturer price changes, supplier price changes and errors in advertisements. All orders are subject to Product availability and the availability of Personnel to perform the Services. Therefore, Seller cannot guarantee that it will be able to fulfill Customer's orders. If Services are being performed on a time and materials basis, any estimates provided by Seller are for planning purposes only.

Credits

Any credit issued by Seller to Customer for any reason must be used within two (2) years from the date that the credit was issued and may only be used for future purchases of Products and/or Services. Any credit or portion thereof not used within the two (2) year period will automatically expire.

Limitation of Liability

UNDER NO CIRCUMSTANCES AND NOTWITHSTANDING THE FAILURE OF ESSENTIAL PURPOSE OF ANY REMEDY SET FORTH HEREIN, WILL SELLER, ITS AFFILIATES OR ITS OR THEIR SUPPLIERS, SUBCONTRACTORS OR AGENTS BE LIABLE FOR: (A) ANY INCIDENTAL, INDIRECT, SPECIAL, PUNITIVE OR CONSEQUENTIAL DAMAGES INCLUDING BUT NOT LIMITED TO, LOSS OF PROFITS, BUSINESS, REVENUES OR SAVINGS, EVEN IF SELLER HAS BEEN ADVISED OF THE POSSIBILITIES OF SUCH DAMAGES OR IF SUCH DAMAGES ARE OTHERWISE FORESEEABLE, IN EACH CASE, WHETHER A CLAIM FOR ANY SUCH LIABILITY IS PREMISED UPON BREACH OF CONTRACT, WARRANTY, NEGLIGENCE, STRICT LIABILITY OR OTHER THEORY OF LIABILITY; (B) ANY CLAIMS, DEMANDS OR ACTIONS AGAINST CUSTOMER BY ANY THIRD PARTY; (C) ANY LOSS OR CLAIM ARISING OUT OF OR IN CONNECTION WITH CUSTOMER'S IMPLEMENTATION OF ANY CONCLUSIONS OR RECOMMENDATIONS BY SELLER OR ITS AFFILIATES BASED ON, RESULTING FROM, ARISING OUT OF OR OTHERWISE RELATED TO THE PRODUCTS OR SERVICES; OR (D) ANY UNAVAILABILITY OF THE PRODUCT FOR USE OR ANY LOST, DAMAGED OR CORRUPTED DATA OR SOFTWARE. IN THE EVENT OF ANY LIABILITY INCURRED BY SELLER OR ANY OF ITS AFFILIATES, THE ENTIRE LIABILITY OF SELLER AND ITS AFFILIATES FOR DAMAGES FROM ANY CAUSE WHATSOEVER WILL NOT EXCEED THE LESSER OF: (A) THE DOLLAR AMOUNT PAID BY CUSTOMER FOR THE PRODUCT(S) GIVING RISE TO THE CLAIM OR THE SPECIFIC SERVICES GIVING RISE TO THE CLAIM; OR (B) \$50,000.00.

Confidential Information

Each party anticipates that it may be necessary to provide access to information of a confidential nature of such party, the Affiliates or a third party (hereinafter referred to as "Confidential Information") to the other party in the performance of this Agreement and any Statement of Work. "Confidential Information" means any information or data in oral, electronic or written form which the receiving party knows or has reason to know is proprietary or confidential and which is disclosed by a party in connection with this Agreement or which the receiving party may have access to in connection with this Agreement, including but not limited to the terms and conditions of each Statement of Work. Confidential Information will not include information which: (a) becomes known to the public through no act of the receiving party; (b) was known to the receiving party, or becomes known to the receiving party from a third party having the right to disclose it and having no obligation of confidentiality to the disclosing party with respect to the applicable information; or (c) is independently developed by agents, employees or subcontractors of the receiving party who have not had access to such information. To the extent practicable, Confidential Information should be clearly identified or labeled as such by the disclosing party at the time of disclosure or as promptly thereafter as possible, however, failure to so identify or label such Confidential Information will not be evidence that such information is not confidential or protectable.

Each party agrees to hold the other party's Confidential Information confidential for a period of three (3) years following the date of disclosure and to do so in a manner at least as protective as it holds its own Confidential Information of like kind but to use no less than a reasonable degree of care. Disclosures of the other party's Confidential Information will be restricted (i) to those individuals who are participating in the performance of this Agreement or the applicable Statement of Work and need to know such Confidential Information for purposes of providing or receiving the Products or Services or otherwise in connection with this Agreement or the applicable Statement of Work, or (ii) to its business, legal and financial advisors, each on a confidential basis. Each party agrees not to use any Confidential Information of the other party for any purpose other than the business purposes contemplated by this Agreement and the applicable Statement of Work. Upon the written request of a party, the other party will either return or certify the destruction of the Confidential Information of the other party.

If a receiving party is required by law, rule or regulation, or requested in any judicial or administrative proceeding or by any governmental or regulatory authority, to disclose Confidential Information of the other party, the receiving party will give the disclosing party prompt notice of such request so that the disclosing party may seek an appropriate protective order or similar protective measure and will use reasonable efforts to obtain confidential treatment of the Confidential Information so disclosed.

Return Privileges

To obtain Seller's return policy, Customer should contact CDW Customer Relations at 866.SVC.4CDW or email at CustomerRelations@cdw.com. Customer must notify CDW Customer Relations of any damaged Products within ten (10) days of receipt.

Arbitration

Any claim, dispute, or controversy (whether in contract, tort or otherwise, whether preexisting, present or future, and including, but not limited to, statutory, common law, intentional tort and equitable claims) arising from or relating to the Products, the Services, the interpretation or application of these Terms and Conditions or any Statement of Work or the breach, termination or validity thereof, the relationships which result from these Terms and Conditions or any Statement of Work (including, to the full extent permitted by applicable law, relationships with third parties who are not signatories hereto), or Seller's or any of its Affiliates' advertising or marketing (collectively, a "Claim") WILL BE RESOLVED, UPON THE ELECTION OF ANY OF SELLER, CUSTOMER OR THE THIRD PARTIES INVOLVED, EXCLUSIVELY AND FINALLY BY BINDING ARBITRATION. If arbitration is chosen, it will be conducted pursuant to the Rules of the American Arbitration Association. If arbitration is chosen by any party with respect to a Claim, neither Seller nor Customer will have the right to litigate that Claim in court or to have a jury trial on that Claim or to engage in pre-arbitration discovery, except as provided for in the applicable arbitration rules or by agreement of the parties involved. Further, Customer will not have the right to participate as a representative or member of any class of claimants pertaining to any Claim. Notwithstanding any choice of law provision included in these Terms and Conditions, this arbitration agreement is subject to the Federal Arbitration Act (9 U.S.C. §§ 1-16). The arbitration will take place exclusively in Chicago, Illinois. Any court having jurisdiction may enter judgment on the award rendered by the arbitrator(s). Each party involved will bear its own cost of any legal representation, discovery or research required to complete arbitration. The existence or results of any arbitration will be treated as confidential. Notwithstanding anything to the contrary contained herein, all matters pertaining to the collection of amounts due to Seller arising out of the Products or Services will be exclusively litigated in court rather than through arbitration.

Miscellaneous

Seller may assign or subcontract all or any portion of its rights or obligations with respect to the sale of Products or the performance of Services or assign the right to receive payments, without Customer's consent. Customer may not assign these Terms and Conditions, or any of its rights or obligations herein without the prior written consent of Seller. Subject to the restrictions in assignment contained herein, these Terms and Conditions will be binding and inure to the benefit of the parties hereto and their successors and assigns. No provision of this Agreement or any Statement of Work will be deemed waived, amended or modified by either party unless such waiver, amendment or modification is in writing and signed by both parties. The relationship between Seller and Customer is that of independent contractors and not that of employer-employee, partnership or joint venture. If any term or condition of this Agreement or a Statement of Work is found by a court of competent jurisdiction to be invalid, illegal or otherwise unenforceable, the same shall not affect the other terms or conditions hereof or thereof or the whole of this Agreement or the applicable Statement of Work. Notices provided under this Agreement will be given in writing and deemed received upon the earlier of actual receipt or three (3) days after mailing if mailed postage prepaid by regular mail or airmail or one (1) day after such notice is sent by courier or facsimile transmission. Any delay or failure by either party to exercise any right or remedy will not constitute a waiver of that party to thereafter enforce such rights.

Version Date: 02/23/2010



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Michelle Houvener	95966	7/26/21
4. SET ID		5. POST DATE
VP210727MB		

PARENT RECORD INFORMATION					
6. VENDOR NAME (Check to be issued to)	7. VENDOR NUMBER	8. ADDR CODE	9. Invoice No (MAX = 16 CHARACTERS)	10. Invoice Date	11. Invoice Amount
CDW GOVERNMENT	V00821	02	H153063	7/21/2021	\$ 2,904.70

CHILD RECORD DETAIL INFORMATION											
Line	General Ledger		Job Ledger		16. Work Order Number	OPTIONAL	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC	22. Sep CK
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object		17. Secondary Reference (MAX = 16 CHARACTERS)					
A	8200166M	72613	CC0014	72613	WO18300	MIDDD	Cust #10022053, Startech SFP	\$ 1,249.03	GEN		
B	8200166M	72613	CC0014	72613	WO20016	MIDDD (OMID)	Cust #10022053, Startech SFP	\$ 203.33	GEN		0
C	8200017M	72613	CC0014	72613	WO18006	8 1/2 Mile Relief	Cust #10022053, Startech SFP	\$ 1,089.27	GEN		0
D	8200072M	72613	CC0014	72613		Martin	Cust #10022053, Startech SFP	\$ 217.85	GEN		0
E	8703018M	72613	CC0014	72613	WO18218	SEMCWWDS (BH)	Cust #10022053, Startech SFP	\$ 72.61	GEN		0
F	8703018M	72613	CC0014	72613	WO18219	SEMCWWDS (V)	Cust #10022053, Startech SFP	\$ 72.61	GEN		0
G											

23. Total: \$ **2,904.70**

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

<p>25. Finance Officer: <u>Bm/mh</u></p> <p>26. Chief Deputy: _____</p> <p>27. Engineers: _____</p> <p>28. Managers: _____</p> <p>29. Coordinator: _____</p>	<p>30. Drain: <u>Multiple</u></p> <p>31. Project Balance: <u>N/A</u></p> <p>32. Staff Date: <u>8/3/2021</u></p> <p>33. Board Date: <u>8/9/2021</u></p> <p>34. Select For Pay Date: _____</p>
--	--

REMIT PAYMENT TO:

INVOICE

ACH INFORMATION:
 THE NORTHERN TRUST
 50 SOUTH LASALLE STREET
 CHICAGO, IL 60675

E-mail Remittance To: gachremittance@cdw.com
 ROUTING NO.: 071000152
 ACCOUNT NAME: CDW GOVERNMENT
 ACCOUNT NO.: 91057



CDW Government
 75 Remittance Drive, Suite 1515
 Chicago, IL 60675-1515



RETURN SERVICE REQUESTED

INVOICE NUMBER	INVOICE DATE	CUSTOMER NUMBER
H153063	07/21/21	10022053
SUBTOTAL	SHIPPING	SALES TAX
\$2,904.70	\$0.00	\$0.00
DUE DATE		AMOUNT DUE
08/20/21		\$2,904.70

282 1 MB Q.450 E0265X I0399 D7869305975 S2 P8405037 0001:0001



MACOMB COUNTY PUBLIC WORKS COMMISSI
 ACCOUNTS PAYABLE
 21777 DUNHAM RD
 CLINTON TOWNSHIP MI 48036-1005



CDW Government
 75 Remittance Drive
 Suite 1515
 Chicago, IL 60675-1515

PLEASE RETURN THIS PORTION WITH YOUR PAYMENT

INVOICE DATE	INVOICE NUMBER	PAYMENT TERMS				DUE DATE
07/21/21	H153063	Net 30 Days				08/20/21
ORDER DATE	SHIP VIA	PURCHASE ORDER NUMBER			CUSTOMER NUMBER	
07/16/21	DROP SHIP-GROUND	SCADA_SFP			10022053	
ITEM NUMBER	DESCRIPTION	QTY ORD	QTY SHIP	QTY B/O	UNIT PRICE	TOTAL
5809515	STARTECH SFP-10G-ZR COMP SFP+ Manufacturer Part Number: SFP10GZREMST Cost Center:SCADA_ALL	2	2	0	1,452.35	2,904.70

GO GREEN!

CDW is happy to announce that paperless billing is now available! If you would like to start receiving your invoices as an emailed PDF, please email CDW at paperlessbilling@cdw.com. Please include your Customer number or an Invoice number in your email for faster processing.

REDUCE PROCESSING COSTS AND ELIMINATE THE HASSLE OF PAPER CHECKS!

Begin transmitting your payments electronically via ACH using CDW's bank and remittance information located at the top of the attached payment coupon. Email credit@cdw.com with any questions.

ACCOUNT MANAGER	SHIPPING ADDRESS:	SUBTOTAL	
DAVE ENGMARK 312-705-8110 davieng@cdwg.com	CHAPATON PUMPING STATION ATTN:BRENT WESLER 23001 EAST 9 MILE RD ST. CLAIR SHORES MI 48080		\$2,904.70
SALES ORDER NUMBER		SHIPPING	\$0.00
1C5FQ3J		SALES TAX	\$0.00
		AMOUNT DUE	\$2,904.70

Cage Code Number 1KH72
 DUNS Number 02-615-7235

ISO 9001 and ISO 14001 Certified
 CDW GOVERNMENT FEIN 36-4230110

HAVE QUESTIONS ABOUT YOUR ACCOUNT?
 PLEASE EMAIL US AT credit@cdw.com
 VISIT US ON THE INTERNET AT www.cdwg.com





Mark A. Hackel
County Executive

ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Michelle Houvener	95966	6/30/21
4. SET ID		5. POST DATE
VP210709MUA		

PARENT RECORD INFORMATION					
6. VENDOR NAME (Check to be issued to)	7. VENDOR NUMBER	8. ADDR CODE	9. Invoice No (MAX = 16 CHARACTERS)	10. Invoice Date	11. Invoice Amount
City of St. Clair Shores Treasurer	V00928	01	21-425	6/30/2021	\$ 944.92

CHILD RECORD DETAIL INFORMATION											
Line	General Ledger		Job Ledger		16. Work Order Number	OPTIONAL	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC	22. Sep CK
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object		17. Secondary Reference (MAX = 16 CHARACTERS)					
A	8200017M	92103	CC0004	92103	WO18006	8 1/2 MILE RELIEF	AC#23287-00, 3/14-6/14	\$ 944.92	GEN		
B											
C											
D											
E											
F											
G											

23. Total: \$ 944.92

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

<p>25. Finance Officer: <u>BM/mh</u></p> <p>26. Chief Deputy: _____</p> <p>27. Engineers: _____</p> <p>28. Managers: _____</p> <p>29. Coordinator: _____</p>	<p>30. Drain: <u>8 1/2 MILE RELIEF</u></p> <p>31. Project Balance: <u>N/A</u></p> <p>32. Staff Date: <u>7/13/2021</u></p> <p>33. Board Date: <u>8/9/2021</u></p> <p>34. Select For Pay Date: _____</p>
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St. Clair Shores Water Bill

ACCOUNT NUMBER

23287-00

SERVICE ADDRESS

23001 NINE MILE

SERVICE TYPE

Government

PREVIOUS READ

1711
768

CURRENT READ

1750 A
775 A

CONSUMPTION

39
7

FROM: SERVICE PERIOD TO:

03/14/21 06/14/21
03/14/21 06/11/21

DUE DATE

07/21/2021

PAY AFTER DUE DATE

992.16

PAY BY DUE DATE

944.92

PREVIOUS BALANCE	0.00
Water	260.04
Sewer	310.59
Customer Chrg	373.80
Retention Basins O&M	0.49
Storm Water Refund	0.00

CURRENT BALANCE

944.92

MONTHLY BUDGET

21.425

Temp-Return Service Requested

8299 1 AB 0.428

8299-8299-20



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

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

Water rate: \$5.653/unit
Sewer rate: \$6.752/unit
Total rate: \$12.405
One unit = 748 gallons



City of
St. Clair
Shores

27600 Jefferson Ave.
St. Clair Shores, MI 48081

FOR FURTHER INFORMATION PLEASE CALL:
BILLING INFORMATION - (586) 447-3317
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



St. Clair Shores Water Bill

Due Date

07/21/2021

Pay After Due Date

992.16

PAY BY DUE DATE

944.92

Service Address

23001 NINE MILE

City of St. Clair Shores
27600 Jefferson Ave
Saint Clair Shores MI 48081-2075

Account Number

23287-00



Please make your check payable to: St. Clair Shores Treasurer

If you have questions concerning the water billing process or require a final meter reading when moving, please contact the Customer Service Department at (586) 447-3317. City Hall business hours are: 8:00 a.m. to 4:30 p.m., Monday through Friday.

A return envelope has been provided for your convenience when mailing your payment. If you wish to make an in-person water bill payment during business hours, payments are accepted at the cashier office located in City Hall. For your convenience in making after-hours payments, a freestanding, drive-up, drop box is located in the circle drive in front of City Hall. Please do not deposit cash in the drop box.

When mailing your payment, please allow three business days for the payment to reach the payment processing center. Payment must be received on or before the due date to avoid a 5% penalty. Failure to receive bill does not waive penalty.

Unpaid bills are liens against the property, with an additional penalty upon transfer to the tax roll.

All water registered at the inside water meter will be charged to the account. Check the outside reading device to confirm match. If there is a discrepancy, notify the Water Service Department immediately at (586) 445-5374 for repair.

The City of St. Clair Shores exceeded the action level for lead in drinking water. Lead can cause serious health problems. For more information please call (586) 447-3305 or visit www.scsmi.net/892/SCS-Lead-Safe.

SPECIAL NOTICE REGARDING WATER BILL COLLECTION POLICIES: The City of St. Clair Shores has a water service disconnection policy for unpaid bills. If this bill is not paid in full within 60 days of the due date, your water service will be disconnected. If this should occur, full payment of the past due balance and a \$50 turn-on fee must be made prior to your water service being reinstated.

SPECIAL NOTICE REGARDING SNOW REMOVAL RESPONSIBILITY: Whenever the City of St. Clair Shores experiences a snow fall of 2" or more, a Snow Event may be declared. Residents will be required to clear their sidewalks within 48 hours of the Snow Event. **Failure to do so will cause the City to have the sidewalk cleared and the cost billed to the property owner.**

Please remember to cut your grass regularly! City ordinance states that grass, brush or weeds eight (8) inches in height or more shall be cut by the City as many times as necessary with costs and fees to be assessed against the property owner if it is not maintained.

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

RETAIN THE UPPER PORTION OF THIS WATER BILLING STATEMENT FOR YOUR RECORDS. WHEN REMITTING PAYMENT, DETACH THE LOWER PORTION AND RETURN TO THE CITY OF ST. CLAIR SHORES TREASURER'S OFFICE WITH YOUR PAYMENT, USING THE ENCLOSED RETURN ENVELOPE (POSTAGE REQUIRED). PLEASE WRITE YOUR ACCOUNT NUMBER ON YOUR CHECK.



Mark A. Hackel
County Executive

ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type) Michelle Houvener	2. PHONE # 95966	3. DATE 7/16/21
4. SET ID VP210719MB	5. POST DATE	

PARENT RECORD INFORMATION					
6. VENDOR NAME (Check to be issued to)	7. VENDOR NUMBER	8. ADDR CODE	9. Invoice No (MAX = 16 CHARACTERS)	10. Invoice Date	11. Invoice Amount
Colville Electric Co., LLC	V50164	02	210299	6/30/2021	\$ 1,885.50

CHILD RECORD DETAIL INFORMATION											
Line	General Ledger		Job Ledger		16. Work Order Number	OPTIONAL	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC	22. Sep CK
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object		17. Secondary Reference (MAX = 16 CHARACTERS)					
A	8200017M	93002	CC0004	93002	WO19081	8 1/2 Mile Relief	Job #202110493; 6/15/21	\$ 1,885.50	GEN		
B											
C											
D											
E											
F											
G											

23. Total: \$ 1,885.50

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

TRC repair and maintenance

25. Finance Officer: BM/mh

26. Chief Deputy: _____

27. Engineers: _____

28. Managers: _____

29. Coordinator: _____

30. Drain: 8 1/2 Mile Relief

31. Project Balance: N/A

32. Staff Date: 8/3/2021

33. Board Date: 8/9/2021

34. Select For Pay Date: _____

Colville Electric Co., LLC

23416 Gratiot Ave
 Eastpointe MI 48021
 (586) 774-9110
 Office@ColvilleElectric.com

Invoice

DATE	06/30/2021
INVOICE #	210299
TERMS	NET 30

BILL TO
Macomb County DPW 21777 Dunham Road Clinton Township, MI, 48036

SERVICE LOCATION
Macomb County DPW Chaption East

JOB#	DATE	PO	DESCRIPTION
202110493	06/15/2021		W019081 Completion Notes:

Description	Qty	Rate	Total
BONOMI 8E867-003-0.50 1/2 BONOMI 8E867-003-0.50 VALVE ASSEMBLY BONOMI 700076, 0.50" NPT FULL PORT CF8M BODY BALL VALVE, 316 SS BALL AND STEM, PTFE SEAT, 1000 PSI, 150 PSI WSP, VB010-003 ELECTRIC ACTUATOR ON/OFF, 100 - 240 VAC	6.00	\$314.25	\$1,885.50

SUB-TOTAL:	TIME & LABOR:	EXPENSES:	PMTS/DEPS:	TOTAL DUE:
\$1,885.50	\$0.00	\$0.00	\$0.00	\$1,885.50

CUSTOMER MESSAGE

Invoice Total:	\$1,885.50
Deposits (-):	\$0.00
Payments (-):	\$0.00
Total Due:	\$1,885.50



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Michelle Houvener	95966	7/9/21
4. SET ID		5. POST DATE
VP210719MB		

PARENT RECORD INFORMATION					
6. VENDOR NAME (Check to be issued to)	7. VENDOR NUMBER	8. ADDR CODE	9. Invoice No (MAX = 16 CHARACTERS)	10. Invoice Date	11. Invoice Amount
Colville Electric Co., LLC	V50164	02	210307	7/9/2021	\$ 13,992.41

CHILD RECORD DETAIL INFORMATION											
Line	General Ledger		Job Ledger		16. Work Order Number	OPTIONAL	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC	22. Sep CK
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object		17. Secondary Reference (MAX = 16 CHARACTERS)					
A	8200017M	93002	CC0014	93002	WO18077	8 1/2 Mile Relief	Job #202110036; 1/25/21	\$ 13,992.41	GEN		
B											
C											
D											
E											
F											
G											

23. Total: \$ **13,992.41**

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

Wire equipment

<p>25. Finance Officer: <u>BM/mh</u></p> <p>26. Chief Deputy: _____</p> <p>27. Engineers: _____</p> <p>28. Managers: _____</p> <p>29. Coordinator: _____</p>	<p>30. Drain: <u>8 1/2 Mile Relief</u></p> <p>31. Project Balance: <u>N/A</u></p> <p>32. Staff Date: <u>7/13/2021</u></p> <p>33. Board Date: <u>8/9/2021</u></p> <p>34. Select For Pay Date: _____</p>
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Colville Electric Co., LLC

23416 Gratiot Ave
 Eastpointe MI 48021
 (586) 774-9110
 Office@ColvilleElectric.com

Invoice

DATE	07/09/2021
INVOICE #	210307
TERMS	NET 30

BILL TO
Macomb County DPW 21777 Dunham Road Clinton Township, MI, 48036

SERVICE LOCATION
Macomb County DPW Chaption East

JOB#	DATE	PO	DESCRIPTION
202110036	01/25/2021		Wire equipment Completion Notes: 1/20/21- Pulled in additional wiring for actuators. 1/25/21- Began conduit runs for e-stops and pressure transducers. 1/26/21- Continued conduit runs. 1/27/21- Continued conduit runs. Began mounting junction boxes. 1/29/21- Continued conduit runs. 2/8/21- Continued conduit runs. 2/10/21- Started upgrades for Int. #4 cabinet. Continued conduit runs. 2/15/21- Finished conduits on North side of B4. Installed display on jbox. Installed jbox. 2/17/21- Installed remaining jboxes and conduit. 2/19/21- pull wire in B4 north for E-stops as well as GFCI and float. Terminate wires. Demo old conduits. 2/22/21- Finished terminating control wiring in cabinet/SCADA. 3/16/21- Installed pressure transducers. Pulled in and terminated wiring. Programmed displays. Began conduit run for level sensors. 3/17/21- Finished conduit run. Pulled in low voltage wiring. Still need stainless j-boxes. Installed run indicator light for Intermediate Pump #4. Added necessary wiring for light. 3/19/21- Installed CT on pump #4. 3/23/21- Mounted stainless j-boxes for transducers on B1.

Description	Qty	Rate	Total
14 THHN CU Black	40.00	\$0.17	\$6.80
14 THHN CU Red	40.00	\$0.15	\$6.00
RMC 075 3/4" Rigid Conduit	210.00	\$4.15	\$871.50
HUB 075 3/4" Meyers Hub	19.00	\$8.29	\$157.51
CLS 075 3/4" Close Nipple	5.00	\$1.80	\$9.00
5/16" x 1-3/8" Sleeve Anchor	12.00	\$1.25	\$15.00
CHS 075 3/4" Chase Nipple	4.00	\$0.64	\$2.56
LB MAL 075 3/4' LB Malleable Iron Conduit Body	4.00	\$13.25	\$53.00
3/4"-3" Rigid Nipple	12.00	\$3.66	\$43.92
T MAL 075 3/4' T Malleable Iron Conduit Body	4.00	\$12.64	\$50.56
LR MAL 075 3/4' LR Malleable Iron Conduit Body	1.00	\$13.33	\$13.33
LL MAL 075 3/4' LL Malleable Iron Conduit Body	3.00	\$13.02	\$39.06
LB CVR 075 3/4" LB Cover	14.00	\$5.70	\$79.80
LB GSKT 075 3/4" LB Gasket	14.00	\$7.47	\$104.58
X MAL 075 3/4" malleable conduit body X	2.00	\$15.60	\$31.20
ERC 075 3/4' 3-Piece Coupling, Erickson	12.00	\$5.81	\$69.72
RMC SS UNI 075 3/4" Stainless Steel Unistrut Strap	61.00	\$3.91	\$238.51
1-5/8 Stainless Unistrut 1-5/8" Stainless Unistrut	7.00	\$17.75	\$124.25
664 N4X Nema 4X Enclosure, 6x6x4"	5.00	\$154.20	\$771.00
Stainless 444 Push Button Enclosure	2.00	\$42.60	\$85.20
AB 800H-FRXT6A5 Allen-Bradley 800H-FRXT6A5 30.5mm Type 4/4X/13 2 Pos. PB-Non-Illum., Push-Pull / Twist to Release, Red, 2 NCLB	2.00	\$125.60	\$251.20
7/8 Stainless Steel Unistrut 13/16 Stainless Steel Short Hole Slotted Unistrut.	20.00	\$13.95	\$279.00
Red Lion CUB5PR00 CUB5PR00 - Process Meter, Reflective LCD	2.00	\$195.60	\$391.20

Display, 9-28VDC Power Req'd, 0-10VDC/4-20mADC/0-50mADC Input

Red Lion MLS2000 Power Supply, 24VDC, 200mA Max, 85-250VAC Source Micro-Line	2.00	\$65.50	\$131.00
ST 050 90 CN 1/2' Liquidtite Metallic Conduit 90 Deg Connector	3.00	\$1.65	\$4.95
ST 050 CN 1/2' Liquidtite Metallic Conduit Connector	1.00	\$1.22	\$1.22
ST 050 1/2' Liquidtite Metallic Conduit	7.00	\$2.43	\$17.01
16 thhn red	160.00	\$0.15	\$24.00
Thhn 16 blue 16 blue thhn	80.00	\$0.15	\$12.00
12 THHN CU Green 12 THHN CU Green	75.00	\$0.22	\$16.50
12 THHN CU White 12 THHN CU White	75.00	\$0.23	\$17.25
12 THHN CU Black	75.00	\$0.22	\$16.50
GFCI WR TR 5-20 20 Amp, 125 Volt WR TR GFCI(NEMA 5-20)	1.00	\$23.24	\$23.24
IU SD Vert 1 Gang In Use Severe Duty Vertical	1.00	\$21.42	\$21.42
LT 075 3/4' Liquidtite Non-metallic Conduit	50.00	\$0.86	\$43.00
RDB 075050 3/4' to 1/2' Reducing Bushing	1.00	\$0.85	\$0.85
18/2 Shielded Cable 18/2 Shielded Cable Grey	280.00	\$0.25	\$70.00
REM RSR-1003 Tuff-Seal? Cord Grip, Series: RSR, 1/2 in Trade, 0.125 to 0.188 in Cable Openings, MNPT x Compression, Aluminum, -40 to 149 deg C	2.00	\$3.75	\$7.50
UNISTRUT 1-5/8 1-5/8' Galvanized Unistrut, Slotted	5.00	\$3.65	\$18.25
RMC UNI 075 3/4' RMC Unistrut Strap	2.00	\$1.26	\$2.52
RMC MAL OH 075 3/4' RMC Malleable Iron One Hole Strap	2.00	\$0.35	\$0.70
RMC CB 075 3/4' RMC Malleable Iron Clamp Back	2.00	\$0.48	\$0.96
BSH PL 075 3/4' Plastic Bushing	1.00	\$0.35	\$0.35
30mm Pilot Light 800t PB Green	1.00	\$76.90	\$76.90
1200/5 Current Transformer	1.00	\$105.60	\$105.60

ST 075 3/4' Liquidtite Metallic Conduit	1.00	\$2.73	\$2.73
ST 075 CN 3/4' Liquidtite Metallic Conduit Connector	2.00	\$4.72	\$9.44
SCE 806ELJSS Saginaw Engineering Stainless Steel Hinged Door Enclosure 1/4 Turn Latch 8x6x4(HWD)	2.00	\$176.82	\$353.64
1/4 Beam Clamp Mal 1/4-20 Malleable Beam Clamp	2.00	\$1.49	\$2.98
01/20/2021 - Jared Hayosh			
Labor Time (2hr 8min)		\$90.00/hr	\$192.00
01/20/2021 - Ashley Ranilovich			
Labor Time (2hr 8min)		\$90.00/hr	\$192.00
01/25/2021 - Ashley Ranilovich			
Labor Time (5hr 50min)		\$90.00/hr	\$525.00
01/25/2021 - Jared Hayosh			
Labor Time (5hr 48min)		\$90.00/hr	\$522.00
01/26/2021 - Ashley Ranilovich			
Labor Time (2hr 31min)		\$90.00/hr	\$226.50
01/26/2021 - Jared Hayosh			
Labor Time (2hr 33min)		\$90.00/hr	\$229.50
01/27/2021 - Ashley Ranilovich			
Labor Time (4hr 3min)		\$90.00/hr	\$364.50
01/27/2021 - Jared Hayosh			
Labor Time (6hr 16min)		\$90.00/hr	\$564.00
01/29/2021 - Jared Hayosh			
Labor Time (2hr 10min)		\$90.00/hr	\$195.00
01/29/2021 - Ashley Ranilovich			
Labor Time (2hr 12min)		\$90.00/hr	\$198.00
02/08/2021 - Jared Hayosh			
Labor Time (3hr 9min)		\$90.00/hr	\$283.50
02/10/2021 - Jared Hayosh			
Labor Time (3hr 10min)		\$90.00/hr	\$285.00
02/10/2021 - Ashley Ranilovich			
Labor Time (3hr 9min)		\$90.00/hr	\$283.50
02/15/2021 - Jared Hayosh			
Labor Time (3hr 38min)		\$90.00/hr	\$327.00

02/17/2021 - Hayden Nicholson		
Labor Time (3hr 11min)	\$90.00/hr	\$286.50
02/17/2021 - Jared Hayosh		
Labor Time (3hr 21min)	\$90.00/hr	\$301.50
02/18/2021 - Evan Nicholson		
Labor Time (4hr 34min)	\$90.00/hr	\$411.00
02/19/2021 - Hayden Nicholson		
Labor Time (7hr 33min)	\$90.00/hr	\$679.50
02/19/2021 - Evan Nicholson		
Labor Time (7hr 33min)	\$90.00/hr	\$679.50
02/22/2021 - Jared Hayosh		
Labor Time (4hr 45min)	\$90.00/hr	\$427.50
03/15/2021 - Jared Hayosh		
Labor Time (0hr 39min)	\$90.00/hr	\$58.50
03/15/2021 - Nolan Derington		
Labor Time (0hr 37min)	\$90.00/hr	\$55.50
03/16/2021 - Jared Hayosh		
Labor Time (7hr 47min)	\$90.00/hr	\$700.50
03/16/2021 - Hayden Nicholson		
Labor Time (7hr 49min)	\$90.00/hr	\$703.50
03/17/2021 - Hayden Nicholson		
Labor Time (2hr 18min)	\$90.00/hr	\$207.00
03/17/2021 - Jared Hayosh		
Labor Time (2hr 24min)	\$90.00/hr	\$216.00
03/19/2021 - Jared Hayosh		
Labor Time (1hr 31min)	\$90.00/hr	\$136.50
03/23/2021 - Anthony Michael		
Labor Time (0hr 19min)	\$90.00/hr	\$28.50
03/23/2021 - Jared Hayosh		
Labor Time (0hr 26min)	\$90.00/hr	\$39.00

SUB-TOTAL:	TIME & LABOR:	EXPENSES:	PMTS/DEPS:	TOTAL DUE:
\$4,674.41	\$9,318.00	\$0.00	\$0.00	\$13,992.41

CUSTOMER MESSAGE

Invoice Total:	\$13,992.41
Deposits (-):	\$0.00
Payments (-):	\$0.00
Total Due:	\$13,992.41



Mark A. Hackel
County Executive

ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Michelle Houvener	95966	7/9/21
4. SET ID		5. POST DATE
VP210719MB		

PARENT RECORD INFORMATION

6. VENDOR NAME (Check to be issued to)	7. VENDOR NUMBER	8. ADDR CODE	9. Invoice No (MAX = 16 CHARACTERS)	10. Invoice Date	11. Invoice Amount
Colville Electric Co., LLC	V50164	02	210313	7/9/2021	\$ 869.59

CHILD RECORD DETAIL INFORMATION

Line	General Ledger		Job Ledger		16. Work Order Number	OPTIONAL	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC	22. Sep CK
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object		17. Secondary Reference (MAX = 16 CHARACTERS)					
A	8200017M	93002	CC0004	93002	WO18006	8 1/2 Mile Relief	Job #202110365; 5/25/21	\$ 869.59	GEN		
B											
C											
D											
E											
F											
G											

REV 09/2018

23. Total: \$ **869.59**

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

Finish level transmitters

25. Finance Officer: BM/mh

30. Drain: 8 1/2 Mile Relief

26. Chief Deputy: _____

31. Project Balance: N/A

27. Engineers: _____

32. Staff Date: 8/3/2021

28. Managers: _____

33. Board Date: 8/9/2021

29. Coordinator: _____

34. Select For Pay Date: _____

Colville Electric Co., LLC

23416 Gratiot Ave
 Eastpointe MI 48021
 (586) 774-9110
 Office@ColvilleElectric.com

Invoice

DATE	07/09/2021
INVOICE #	210313
TERMS	NET 30

BILL TO
Macomb County DPW 21777 Dunham Road Clinton Township, MI, 48036

SERVICE LOCATION
Macomb County DPW 23001 Nine Mile Rd. St. Clair Shores, MI, 48080

JOB#	DATE	PO	DESCRIPTION
202110365	05/25/2021		Finish level transmitters. Completion Notes: 5/25/21- Finished conduit for stilling well probes. Tied in North side probe on old wiring for now.

Description	Qty	Rate	Total
RMC 075 3/4" Rigid Conduit	10.00	\$4.45	\$44.50
RMC UNI 075 3/4' RMC Unistrut Strap	1.00	\$1.26	\$1.26
BSH PL 075 3/4' Plastic Bushing	3.00	\$0.35	\$1.05
075 TB LB maluable conduit body	1.00	\$12.64	\$12.64
LB CVR 075 3/4" LB Cover	1.00	\$5.70	\$5.70
LB GSKT 075 3/4" LB Gasket	1.00	\$7.47	\$7.47
LN SL 075 3/4' Sealing Locknut	1.00	\$0.75	\$0.75
LN 075 3/4' Locknut	5.00	\$0.15	\$0.75
CLS 075 3/4" Close Nipple	1.00	\$1.80	\$1.80
ST 075 CN 3/4' Liquidtite Metallic Conduit Connector	2.00	\$4.72	\$9.44
ST 075 3/4' Liquidtite Metallic Conduit	1.00	\$2.73	\$2.73

05/25/2021 - Jared Hayosh			
Labor Time (4hr 23min)		\$90.00/hr	\$394.50

05/25/2021 - Steve Tribu		
Labor Time (4hr 18min)	\$90.00/hr	\$387.00
06/01/2021 - Steve Tribu		
Labor Time (0hr 0min)	\$90.00/hr	\$0.00

SUB-TOTAL:	TIME & LABOR:	EXPENSES:	PMTS/DEPS:	TOTAL DUE:
\$88.09	\$781.50	\$0.00	\$0.00	\$869.59

CUSTOMER MESSAGE

Invoice Total:	\$869.59
Deposits (-):	\$0.00
Payments (-):	\$0.00
Total Due:	\$869.59



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Michelle Houvener	95966	7/9/21
4. SET ID		5. POST DATE
VP210719MB		

PARENT RECORD INFORMATION					
6. VENDOR NAME (Check to be issued to)	7. VENDOR NUMBER	8. ADDR CODE	9. Invoice No (MAX = 16 CHARACTERS)	10. Invoice Date	11. Invoice Amount
Colville Electric Co., LLC	V50164	02	210317	7/9/2021	\$ 2,560.00

CHILD RECORD DETAIL INFORMATION											
Line	General Ledger		Job Ledger		16. Work Order Number	OPTIONAL	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC	22. Sep CK
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object		17. Secondary Reference (MAX = 16 CHARACTERS)					
A	8200017M	93002	CC0004	93002	WO18006	8 1/2 Mile Relief	Job #202110397; 6/16/21	\$ 2,560.00	GEN		
B											
C											
D											
E											
F											
G											

23. Total: \$ 2,560.00 REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

PW000160 - Replace PLC

25. Finance Officer: <u>BM/mh</u> 26. Chief Deputy: _____ 27. Engineers: _____ 28. Managers: _____ 29. Coordinator: _____	30. Drain: <u>8 1/2 Mile Relief</u> 31. Project Balance: <u>N/A</u> 32. Staff Date: <u>8/3/2021</u> 33. Board Date: <u>8/9/2021</u> 34. Select For Pay Date: _____
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Colville Electric Co., LLC

23416 Gratiot Ave
 Eastpointe MI 48021
 (586) 774-9110
 Office@ColvilleElectric.com

Invoice

DATE	07/09/2021
INVOICE #	210317
TERMS	NET 30

BILL TO
Macomb County DPW 21777 Dunham Road Clinton Township, MI, 48036

SERVICE LOCATION
Macomb County DPW Chaption East PW000160

JOB#	DATE	PO	DESCRIPTION
202110397	06/16/2021		Replace PLC Completion Notes: 6/16/21- Disconnect and remove old PLC from cabinet, lay out and install new. Wire input and outputs. Need to complete analog inputs and outputs and test. 6/16/21- complete wiring of analog inputs and out puts. Tests all inputs and out puts. new PLC is operational

Description	Qty	Rate	Total
Estimate Replace East Building PLC with customer supplied unit. Includes 4 hours of DJC troubleshooting/startup. Additional startup time billed at T&M.	1.00	\$2,560.00	\$2,560.00

SUB-TOTAL: \$2,560.00	TIME & LABOR: \$0.00	EXPENSES: \$0.00	PMTS/DEPS: \$0.00	TOTAL DUE: \$2,560.00
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CUSTOMER MESSAGE

Invoice Total:	\$2,560.00
Deposits (-):	\$0.00
Payments (-):	\$0.00
Total Due:	\$2,560.00



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Michelle Houvener	95966	7/9/21
4. SET ID		5. POST DATE
VP210719MB		

PARENT RECORD INFORMATION					
6. VENDOR NAME (Check to be issued to)	7. VENDOR NUMBER	8. ADDR CODE	9. Invoice No (MAX = 16 CHARACTERS)	10. Invoice Date	11. Invoice Amount
Colville Electric Co., LLC	V50164	02	210318	7/9/2021	\$ 2,281.30

CHILD RECORD DETAIL INFORMATION											
Line	General Ledger		Job Ledger		16. Work Order Number	OPTIONAL	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC	22. Sep CK
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object		17. Secondary Reference (MAX = 16 CHARACTERS)					
A	8200017M	93002	CC0014	93002	WO18006	8 1/2 Mile Relief	Job #202110406; 6/17/21	\$ 2,281.30	GEN		
B											
C											
D											
E											
F											
G											

23. Total: \$ 2,281.30

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

Clean up SCADA cabinet

<p>25. Finance Officer: <u>BM/mh</u></p> <p>26. Chief Deputy: _____</p> <p>27. Engineers: _____</p> <p>28. Managers: _____</p> <p>29. Coordinator: _____</p>	<p>30. Drain: <u>8 1/2 Mile Relief</u></p> <p>31. Project Balance: <u>N/A</u></p> <p>32. Staff Date: <u>8/3/2021</u></p> <p>33. Board Date: <u>8/9/2021</u></p> <p>34. Select For Pay Date: _____</p>
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Colville Electric Co., LLC

23416 Gratiot Ave
 Eastpointe MI 48021
 (586) 774-9110
 Office@ColvilleElectric.com

Invoice

DATE	07/09/2021
INVOICE #	210318
TERMS	NET 30

BILL TO
Macomb County DPW 21777 Dunham Road Clinton Township, MI, 48036

SERVICE LOCATION
Macomb County DPW Chapton East

JOB#	DATE	PO	DESCRIPTION
202110406	06/17/2021		Clean up SCADA cabinet. Move Level meter. Completion Notes: 6/17 - Terminated and managed, all necessary cables, removed unused cables for SCADA cabinet.

Description	Qty	Rate	Total
CAT5E CMR 24/4 BLUE	10.00	\$0.27	\$2.70
Cat 6 clear end	10.00	\$0.25	\$2.50
Panduit 2.25 x 4 2.25 x 4" deep panduit	5.00	\$6.25	\$31.25
PAN C2LG6 PANDUIT C2LG6 Duct Cover,2.0"W,Light Gray,PVC	5.00	\$3.25	\$16.25
Data REDLION 306FX2-SC	1.00	\$742.50	\$742.50
Data MTRJ-SC Patch, 2M	1.00	\$26.60	\$26.60
06/17/2021 - Evan Nicholson			
Labor Time (8hr 6min)		\$90.00/hr	\$729.00
06/17/2021 - Ian Clow			
Labor Time (8hr 7min)		\$90.00/hr	\$730.50

SUB-TOTAL:	TIME & LABOR:	EXPENSES:	PMTS/DEPS:	TOTAL DUE:
\$821.80	\$1,459.50	\$0.00	\$0.00	\$2,281.30

CUSTOMER MESSAGE

Invoice Total:	\$2,281.30
Deposits (-):	\$0.00
Payments (-):	\$0.00
Total Due:	\$2,281.30



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Michelle Houvener	95966	7/16/21
4. SET ID		5. POST DATE
VP220719MB		

PARENT RECORD INFORMATION					
6. VENDOR NAME (Check to be issued to)	7. VENDOR NUMBER	8. ADDR CODE	9. Invoice No (MAX = 16 CHARACTERS)	10. Invoice Date	11. Invoice Amount
Colville Electric Co., LLC	V50164	02	210349	7/9/2021	\$ 532.24

CHILD RECORD DETAIL INFORMATION											
Line	General Ledger		Job Ledger		16. Work Order Number	OPTIONAL	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC	22. Sep CK
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object		17. Secondary Reference (MAX = 16 CHARACTERS)					
A	8200017M	93002	CC0004	93002	WO19082	8 1/2 Mile Relief	Job #202110462; 7/7/21	\$ 532.24	GEN		
B											
C											
D											
E											
F											
G											

23. Total: \$ **532.24**

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

Install fiber optic cable

25. Finance Officer: <u>BM/mh</u> 26. Chief Deputy: _____ 27. Engineers: _____ 28. Managers: _____ 29. Coordinator: _____	30. Drain: <u>8 1/2 Mile Relief</u> 31. Project Balance: <u>N/A</u> 32. Staff Date: <u>8/3/2021</u> 33. Board Date: <u>8/9/2021</u> 34. Select For Pay Date: _____
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Colville Electric Co., LLC

23416 Gratiot Ave
 Eastpointe MI 48021
 (586) 774-9110
 Office@ColvilleElectric.com

Invoice

DATE	07/09/2021
INVOICE #	210349
TERMS	NET 30

BILL TO
Macomb County DPW 21777 Dunham Road Clinton Township, MI, 48036

SERVICE LOCATION
Macomb County DPW Chaption East W019082

JOB#	DATE	PO	DESCRIPTION
202110462	07/07/2021		Install fiber optic cable Completion Notes: 7/7/21- Install fiber optic cable and relocate data drops to data rack.

Description	Qty	Rate	Total
Data 80M Multimode Patch Cable, LC-LC	1.00	\$125.60	\$125.60
Clear End, RJ45, 8P8C Clear End, RJ45, 8P8C	2.00	\$0.82	\$1.64
\$75 Service Call fee		\$75.00	\$75.00
07/07/2021 - Dave Colville			
Labor Time (1hr 0min)		\$90.00/hr	\$90.00
07/07/2021 - Nolan Derington			
Labor Time (1hr 38min)		\$90.00/hr	\$147.00
07/07/2021 - Jared Hayosh			
Labor Time (1hr 2min)		\$90.00/hr	\$93.00

SUB-TOTAL: \$202.24
 TIME & LABOR: \$330.00
 EXPENSES: \$0.00
 PMTS/DEPS: \$0.00
 TOTAL DUE: \$532.24

CUSTOMER MESSAGE

Invoice Total: \$532.24
Deposits (-): \$0.00
Payments (-): \$0.00
Total Due: \$532.24



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Michelle Houvener	95966	7/29/21
4. SET ID		5. POST DATE
VP210802MA		

PARENT RECORD INFORMATION					
6. VENDOR NAME (Check to be issued to)	7. VENDOR NUMBER	8. ADDR CODE	9. Invoice No (MAX = 16 CHARACTERS)	10. Invoice Date	11. Invoice Amount
Cross Construction Group	V081148	01	WO19082 EST #8	7/27/2021	\$ 11,870.59

CHILD RECORD DETAIL INFORMATION											
Line	General Ledger		Job Ledger		16. Work Order Number	OPTIONAL	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC	22. Sep CK
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object		17. Secondary Reference (MAX = 16 CHARACTERS)					
A	8200017M	80126	CC0004	80126	WO19082	8 1/2 Mile Relief	Chap Lab & Mezzanine, Est #8	\$ 11,870.59	GEN		
B											
C											
D											
E											
F											
G											

23. Total: \$ 11,870.59

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

Record retainage of \$624.77 total retained to date \$32,009.62

<p>25. Finance Officer: <u>BM/mh</u></p> <p>26. Chief Deputy: _____</p> <p>27. Engineers: _____</p> <p>28. Managers: _____</p> <p>29. Coordinator: _____</p>	<p>30. Drain: <u>8 1/2 Mile Relief</u></p> <p>31. Project Balance: <u>\$69,761.79 (includes retainage)</u></p> <p>32. Staff Date: <u>8/3/2021</u></p> <p>33. Board Date: <u>8/9/2021</u></p> <p>34. Select For Pay Date: _____</p>
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**MACOMB COUNTY PUBLIC WORKS OFFICE
CONTRACTOR INVOICE COVER SHEET**

WORK ORDER NUMBER WO19082

PROJECT NUMBER WWS-2020-010

PROJECT NAME Chapaton Lab Relocation & Mezzaine Renovation

DRAINAGE DISTRICT 8 1/2 Mile Relief Drain Drainage District

CONTRACTOR NAME Cross Construction Group

INVOICE DATE 7/27/2021

INVOICE START DATE 7/1/2021

INVOICE END DATE 7/31/2021

ORIGINAL CONTRACT AMOUNT			\$ 667,777.00
CHANGE ORDER TOTAL			\$ 10,167.57
Change Order No. 1	Date Executed:	3/31/2021	\$ 4,508.19
Change Order No. 2	Date Executed:	4/28/2021	\$ 5,659.38
TOTAL REVISED CONTRACT AMOUNT			\$ 677,944.57
(includes all approved change orders only)			
<i>* Record retainage entry @ 624.77</i>			
TOTAL AMOUNT PREVIOUSLY INVOICED			\$ 596,312.19
TOTAL AMOUNT DUE THIS INVOICE			\$ 11,870.59
TOTAL BUDGET REMAINING			\$ 69,761.79
(Includes Total Revised Contract Amount Less Total Invoiced Previously and Total Invoiced Current)			

Contractor's Application for Payment

Owner:	<u>8 1/2 Mile Relief Drain Drainage District</u>	Owner's Project No.:	<u>WWS-2020-010</u>
Engineer:	<u>Fishbeck</u>	Engineer's Project No.:	<u>191498</u>
Contractor:	<u>Cross Construction Group</u>	Contractor's Project No.:	<u>BH-724</u>
Project:	<u>Chapaton Pump Station Lab Relocation & Mezzanine Renovation</u>		
Contract:	<u>Chapaton Pump Station Lab Relocation & Mezzanine Renovation</u>		

Application No.: 008 **Application Date:** 6/27/2021
Application Period: **From** 7/1/2021 **to** 7/31/2021

1. Original Contract Price	\$ 667,777.00
2. Net change by Change Orders	\$ 10,167.57
3. Current Contract Price (Line 1 + Line 2)	\$ 677,944.57
4. Total Work completed and materials stored to date (Sum of Column G Lump Sum Total and Column J Unit Price Total)	\$ 640,192.40
5. Retainage	
a. <u>5%</u> X \$ 640,192.40 Work Completed	\$ 32,009.62
b. <u>0%</u> X \$ - Stored Materials	\$ -
c. Total Retainage (Line 5.a + Line 5.b)	\$ 32,009.62
6. Amount eligible to date (Line 4 - Line 5.c)	\$ 608,182.78
7. Less previous payments (Line 6 from prior application)	\$ 596,312.19
8. Amount due this application	\$ 11,870.59
9. Balance to finish, including retainage (Line 3 - Line 4)	\$ 37,752.17

Contractor's Certification

The undersigned Contractor certifies, to the best of its knowledge, the following:

- (1) All previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with the Work covered by prior Applications for Payment;
- (2) Title to all Work, materials and equipment incorporated in said Work, or otherwise listed in or covered by this Application for Payment, will pass to Owner at time of payment free and clear of all liens, security interests, and encumbrances (except such as are covered by a bond acceptable to Owner indemnifying Owner against any such liens, security interest, or encumbrances); and
- (3) All the Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

Contractor: Cross Construction Group

Signature: 

Date: 7/27/21

Recommended by Engineer

By: N/A

Title: _____

Date: _____

Approved by Owner

By: 

Title: Engineer II

Date: 07/29/2021

Approved by Funding Agency

By: N/A

Title: _____

Date: _____

By: 

Title: Operations & Flow Manager

Date: 07/29/2021

Progress Estimate - Lump Sum Work

Contractor's Application for Payment

Owner: 8 1/2 Mile Relief Drain Drainage District
 Engineer: Fishbeck
 Contractor: Cross Construction Group
 Project: Chapaton Pump Station Lab Relocation & Mezzanine Renovation
 Contract: Chapaton Pump Station Lab Relocation & Mezzanine Renovation

Owner's Project No.: WWS-2020-010
 Engineer's Project No.: 191498
 Contractor's Project No.: BH-724

Application No.: 008		Application Period: From 07/01/21 to 07/31/21		Application Date: 06/27/21				
A	B	C	D	E	F	G	H	I
Item No.	Description	Scheduled Value (\$)	Work Completed		Materials Currently Stored (not in D or E) (\$)	Work Completed and Materials Stored to Date (D + E + F) (\$)	% of Scheduled Value (G / C) (%)	Balance to Finish (C - G) (\$)
			(D + E) From Previous Application (\$)	This Period (\$)				
Original Contract								
1	Bonds	\$10,000.00	10,000.00	-	-	10,000.00	100%	-
2	Insurance	\$4,000.00	4,000.00	-	-	4,000.00	100%	-
3	Project Management	\$15,000.00	15,000.00	-	-	15,000.00	100%	-
4	Site Supervision	\$30,000.00	30,000.00	-	-	30,000.00	100%	-
5	Dumpsters	\$3,500.00	3,500.00	-	-	3,500.00	100%	-
6	Submittals	\$10,000.00	10,000.00	-	-	10,000.00	100%	-
7	Demolition	\$10,000.00	10,000.00	-	-	10,000.00	100%	-
8	Metal Stud Framing	\$4,000.00	4,000.00	-	-	4,000.00	100%	-
9	Doors & Hardware	\$2,000.00	2,000.00	-	-	2,000.00	100%	-
10	Gyp Board & FRP	\$2,500.00	2,500.00	-	-	2,500.00	100%	-
11	Ceiling Installation	\$1,500.00	1,500.00	-	-	1,500.00	100%	-
12	Painting	\$2,000.00	2,000.00	-	-	2,000.00	100%	-
13	Flooring	\$8,000.00	8,000.00	-	-	8,000.00	100%	-
14	Lab Casework	\$24,000.00	24,000.00	-	-	24,000.00	100%	-
15	Mechanical	\$20,000.00	20,000.00	-	-	20,000.00	100%	-
16	Electrical	\$8,000.00	8,000.00	-	-	8,000.00	100%	-
17	Plumbing	\$10,000.00	10,000.00	-	-	10,000.00	100%	-
18	Demolition & Abatement	\$30,000.00	30,000.00	-	-	30,000.00	100%	-
19	Concrete	\$3,000.00	3,000.00	-	-	3,000.00	100%	-
20	Masonry	\$8,000.00	8,000.00	-	-	8,000.00	100%	-
21	Structural Steel	\$17,000.00	17,000.00	-	-	17,000.00	100%	-
22	Metal Stud Framing	\$30,000.00	30,000.00	-	-	30,000.00	100%	-
23	Millwork Installation	\$22,000.00	22,000.00	-	-	22,000.00	100%	-
24	Glazing Installation	\$13,000.00	13,000.00	-	-	13,000.00	100%	-
25	Doors & Hardware	\$10,000.00	9,000.00	-	-	9,000.00	90%	1,000.00
26	Gyp Board & FRP	\$20,000.00	20,000.00	-	-	20,000.00	100%	-
27	Painting	\$7,500.00	7,500.00	-	-	7,500.00	100%	-
28	Ceiling Installation	\$2,000.00	2,000.00	-	-	2,000.00	100%	-
29	Lockers	\$4,000.00	4,000.00	-	-	4,000.00	100%	-
30	Kitchen Appliance Install	\$1,500.00	1,500.00	-	-	1,500.00	100%	-
31	Bathroom Accessories	\$2,500.00	2,500.00	-	-	2,500.00	100%	-
32	Visual Display Boards	\$2,000.00	2,000.00	-	-	2,000.00	100%	-
33	Corner Guard Installation	\$2,000.00	2,000.00	-	-	2,000.00	100%	-
34	Flooring	\$19,547.00	19,547.00	-	-	19,547.00	100%	-
35	Tile Installation	\$3,000.00	3,000.00	-	-	3,000.00	100%	-

Progress Estimate - Lump Sum Work

Contractor's Application for Payment

Owner:	8 1/2 Mile Relief Drain Drainage District	Owner's Project No.:	WWS-2020-010
Engineer:	Fishbeck	Engineer's Project No.:	191498
Contractor:	Cross Construction Group	Contractor's Project No.:	BH-724
Project:	Chapaton Pump Station Lab Relocation & Mezzanine Renovation		
Contract:	Chapaton Pump Station Lab Relocation & Mezzanine Renovation		

Application No.: 008 Application Period: From 07/01/21 to 07/31/21 Application Date: 06/27/21

A	B	C	D	E	F	G	H	I
Item No.	Description	Scheduled Value (\$)	Work Completed		Materials Currently Stored (not in D or E) (\$)	Work Completed and Materials Stored to Date (D + E + F) (\$)	% of Scheduled Value (G / C) (%)	Balance to Finish (C - G) (\$)
			(D + E) From Previous Application (\$)	This Period (\$)				
36	Roller Shade Installation	\$4,300.00	4,300.00	-		4,300.00	100%	-
37	Mechanical	\$75,000.00	67,500.00	7,500.00		75,000.00	100%	-
38	Electrical	\$55,000.00	54,450.00	550.00		55,000.00	100%	-
39	Plumbing	\$35,000.00	35,000.00	-		35,000.00	100%	-
40	Lutz Roofing	\$6,880.00	6,880.00	-		6,880.00	100%	-
41	Abel Electronics	\$51,683.00	51,683.00	-		51,683.00	100%	-
42	Macomb County IT	\$43,012.00	11,196.83	-		11,196.83	26%	31,815.17
43	Interior Environment	\$25,355.00	25,355.00	-		25,355.00	100%	-
44	Building Permit	\$10,000.00	5,063.00	-		5,063.00	51%	4,937.00
Original Contract Totals		\$ 667,777.00	\$ 621,974.83	\$ 8,050.00	\$ -	\$ 630,024.83	94%	\$ 37,752.17

SWORN STATEMENT

STATE OF MICHIGAN
COUNTY OF

} §

Blair Ackman , being duly sworn, states the following:

Cross Construction Group is the contractor for an improvement to the following real property in _____ County, Michigan, described as follows:

Chapaton Lab & Mezzanine
23001 E. 9 Mile Rd.
St. Clair Shores,, MI 48080-

The following is a statement of each subcontractor and supplier and laborer, for whom payment of wages or fringe benefits and withholdings is due but unpaid, with whom the contractor has contracted for performance under the contract with the owner or lessee, and the amounts due to the persons as of the date of this statement are correctly and fully set forth opposite their names:

Name, Address and Phone Number of Subcontractor, Supplier or Laborer	Type of Improvement	Total Contract Price	Amount Already Paid	Amount Currently Owing	Balance To Complete
A&J Steel Fabrication LLC 4748 Keewadin Rd Clyde, MI 48049	SUBCONTRACTORS	6,115.00	5,503.50	611.50	.00
Belanger Maintenance LLC 5467 Roberts Rd. Cotterville, MI 48039	SUBCONTRACTORS	2,500.00	2,500.00	.00	.00
Bell Electronics Co Inc 27201 Harper Avenue Saint Clair Shores, MI 48081	SUBCONTRACTORS	51,682.98	46,514.68	5,168.30	.00
Blue Star, Inc. 21950 Hoover Warren, MI 48089	SUBCONTRACTORS	30,440.00	27,396.00	3,044.00	.00
Brothers & Bricks LLC PO Box 249 New Hudson, MI 48165-0249	SUBCONTRACTORS	7,390.00	7,390.00	.00	.00
Continental Contracting Co. 23450 Telegraph Rd. Southfield, MI 48033	SUBCONTRACTORS	13,281.73	.00	.00	13,281.73
Continuum Services 23640 Research Drive Farmington, MI 48335 (248) 286-5200	SUBCONTRACTORS	133,334.18	121,640.39	13,515.60	-1,821.81
Detroit Technical Equipment C 1091 Centre Rd, Suite 100 Auburn Hills, MI 48326	SUBCONTRACTORS	24,559.14	24,559.14	.00	.00
Interior Environments 48700 Grand River Novi, MI 48374	SUBCONTRACTORS	26,012.40	26,012.40	.00	.00

Name, Address and Phone Number of Subcontractor, Supplier or Laborer	Type of Improvement	Total Contract Price	Amount Already Paid	Amount Currently Owing	Balance To Complete
LaForce PO Box 10068 Green Bay, WI 54307 (248) 588-5601	MATERIALS	11,155.00	4,550.41	465.50	6,139.09
Lutz Roofing Company Inc 4721 22 Mile Road Shelby Township, MI 48317	SUBCONTRACTORS	6,880.00	6,192.00	688.00	.00
Masters Millwork 30700 Stephenson Hwy Madison Heights, MI 48071	SUBCONTRACTORS	21,475.00	19,327.50	2,147.50	.00
Omega Floors 35370 Union Lake Rd. Harrison Twp, MI 48045 (586) 218-6800	SUBCONTRACTORS	18,005.00	16,204.50	1,800.50	.00
Rayhaven Group 35901 Schoolcraft Rd. Livonia, MI 48381 (248) 357-1006	SUBCONTRACTORS	3,125.00	3,125.00	.00	.00
Resurrection Carpentry.	SUBCONTRACTORS	65,816.01	36,304.69	4,033.85	25,477.47
Rochester Hills Contract Glazi 1155 Centre Drive Auburn Hills, MI 48236 (248) 852-6465	SUBCONTRACTORS	12,680.00	10,590.91	1,176.77	912.32
RSC Electrical, Inc. 43750 Garfield Rd. Clinton Twp, MI 48038 (877) 248-8400	SUBCONTRACTORS	66,532.77	.00	.00	66,532.77
The Sheer Shop 7393 23 Mile Rd. Shelby Twp., MI 48316	SUBCONTRACTORS	3,850.00	3,465.00	385.00	.00
Totals		504,834.21	361,276.12	33,036.52	110,521.57

The contractor has not procured material from, or subcontracted with, any person other than those set forth and owes no money for the improvement other than the sums set forth.*

I make this statement as the contractor or as CFO of the contractor to represent to the owner or lessee of the property and his or her agents that the property is free from claims of construction liens, or the possibility of construction liens, except as specifically set forth in this statement and except for claims of construction liens by laborers that may be provided under Section 109 of the Construction Lien Act, 1980 PA 497, MCL 570.1109.

WARNING TO OWNER OR LESSEE: AN OWNER OR LESSEE OF THE PROPERTY MAY NOT RELY ON THIS SWORN STATEMENT TO AVOID THE CLAIM OF A SUBCONTRACTOR, SUPPLIER OR LABORER WHO HAS PROVIDED A NOTICE OF FURNISHING OR A LABORER WHO MAY PROVIDE A NOTICE OF FURNISHING UNDER SECTION 109 OF THE CONSTRUCTION LIEN ACT, 1980 PA 497, MCL 570.1109 TO THE DESIGNEE OR TO THE OWNER OR LESSEE IF THE DESIGNEE IS NOT NAMED OR HAS DIED.

IF THIS SWORN STATEMENT IS IN REGARD TO A RESIDENTIAL STRUCTURE, ON RECEIPT OF THIS SWORN STATEMENT, THE OWNER OR LESSEE, OR THE OWNER'S OR LESSEE'S DESIGNEE MUST GIVE NOTICE OF ITS RECEIPT, EITHER IN WRITING, OR BY TELEPHONE, OR PERSONALLY, TO EACH SUBCONTRACTOR, SUPPLIER, AND LABORER WHO HAS PROVIDED A NOTICE OF FURNISHING UNDER SECTION 109 OR, IF A NOTICE OF FURNISHING IS EXCUSED UNDER SECTION 108 OR 108A, TO EACH SUBCONTRACTOR, SUPPLIER, AND LABORER NAMED IN THE SWORN STATEMENT. IF A SUBCONTRACTOR, SUPPLIER WHO HAS PROVIDED A NOTICE OF FURNISHING OR WHO IS NAMED IN THE SWORN STATEMENT MAKES A REQUEST, THE OWNER, LESSEE, OR DESIGNEE SHALL PROVIDE THE REQUESTER A COPY OF THE SWORN STATEMENT WITHIN 10 BUSINESS DAYS AFTER RECEIVING THE REQUEST.

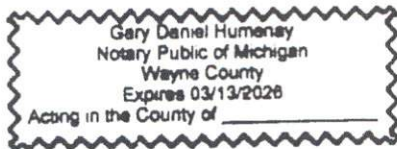
Blair Ackman, CFO

Deponent Signature

WARNING TO DEPONENT: A PERSON WHO GIVES A FALSE SWORN STATEMENT WITH INTENT TO DEFRAUD IS SUBJECT TO CRIMINAL PENALTIES AS PROVIDED IN SECTION 110 OF THE CONSTRUCTION LIEN ACT, 1980 PA 497, MCL 570.1110.

Subscribed and sworn to before me this

27th day of July 2021



Notary Public

County, Michigan

My Commission Expires: 3-13-2026

*Materials furnished by a contractor or a subcontractor out of his or her own inventory, and which has not been purchased specifically for the purpose of performing the contract, need not be listed.

CONTRACTOR'S DECLARATION

(To be attached to the Contractor's periodic Request for Payment)

Project Name: Chapaton Pump Station Lab Relocation & Mezzanine Renovation

Contract No.: WO19082

Contract Date: 12/08/2020

Contractor: Cross Construction Group

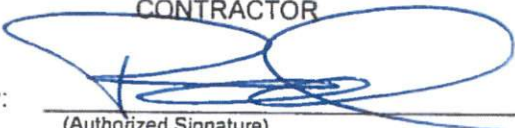
Owner: 8 1/2 Mile Relief Drain Drainage District

Certification Period (From the Date of the Contract to the Date of this Declaration) 07/31/2021

I hereby certify that I have not, during the above noted certification period, performed any work, furnished any material, sustained any loss, damage or delay for any reason, including soil conditions encountered or created, or otherwise done anything for which I shall ask, demand, sue for, or claim compensation from the Owner or its agents, in addition to the regular items set forth in the above noted Contract (and executed Change Orders thereto) executed between the Contractor and the Owner, except as the Contractor hereby claim for additional compensation and/or extension of time as described in previously submitted claim letters to the Owner dated:

Attached Summary, Dated _____

(Contractor to check this box if no claim letters are submitted to date)

CONTRACTOR

By: _____
(Authorized Signature)

Name: Blair Ackman
(Print Name)

Title: CFO

Date: 07/27/2021

END OF SECTION 00 61 13.1



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Michelle Houvener	95966	7/9/21
4. SET ID		5. POST DATE
VP210709MA		

PARENT RECORD INFORMATION					
6. VENDOR NAME (Check to be issued to)	7. VENDOR NUMBER	8. ADDR CODE	9. Invoice No (MAX = 16 CHARACTERS)	10. Invoice Date	11. Invoice Amount
Cummins Sales & Service	V081468	02	S6-71499	7/1/2021	\$ 721.97

CHILD RECORD DETAIL INFORMATION											
Line	General Ledger		Job Ledger		16. Work Order Number	OPTIONAL	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC	22. Sep CK
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object		17. Secondary Reference (MAX = 16 CHARACTERS)					
A	8200017M	93002	CC0004	93002	WO18006	8 1/2 Mile Relief	Cust #207709; 2 hr load bank test	\$ 721.97	GEN		
B											
C											
D											
E											
F											
G											

23. Total: \$ 721.97

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

<p>25. Finance Officer: <u>BM/mh</u></p> <p>26. Chief Deputy: _____</p> <p>27. Engineers: _____</p> <p>28. Managers: _____</p> <p>29. Coordinator: _____</p>	<p>30. Drain: <u>8 1/2 Mile Relief</u></p> <p>31. Project Balance: <u>N/A</u></p> <p>32. Staff Date: <u>7/13/2021</u></p> <p>33. Board Date: <u>8/9/2021</u></p> <p>34. Select For Pay Date: _____</p>
--	--



Payment terms are 30 days from invoice date unless otherwise agreed upon in writing. Remit to:
 #774494
 4494 Solutions Center
 Chicago, IL 60677-4004



NEW HUDSON MI BRANCH
 54250 Grand River Avenue
 New Hudson, MI 48165
 (248)573-1900

PM CONTRACT INVOICE

PAGE 1 OF 1

INVOICE NO	
S6-71499	
TO PAY ONLINE LOGON TO customerpayment.cummins.com	

BILLING ADDRESS:

MACOMB COUNTY DPW
 21777 DUNHAM RD
 CLINTON TWP, MI 48036-1005

SITE ADDRESS:

CHAPATON
 23001 NINE MILE RD
 ST CLAIR SHORES, MI 48080

PM#: 29
BILLING MONTH: March
START DATE: 01-OCT-2020
END DATE: 30-SEP-2021
QUOTE #: 98640
REFERENCE #: SPEC-BILL

NICK GELLE

(586) 772-3425

DATE	CUSTOMER ORDER NO.	DATE IN SERVICE	ENGINE MODEL	PUMP NO.	EQUIPMENT MAKE
01-JUL-2021	SIGNED AGREEMENT		500GFGA		CUMMINS
CUSTOMER NO.	SHIP VIA	FAIL DATE	ENGINE SERIAL NO.	CPL NO.	EQUIPMENT MODEL
207709			HM08H31673201		
REF. NO.	SALES PERSON	PARTS DISP.	MILEAGE/HOURS	PUMP CODE	UNIT NO.
	Daniel Roulo		256.3		CHAPATON

QUANTITY ORDERED	BACK ORDERED	QUANTITY SHIPPED	PART NUMBER	DESCRIPTION	PRODUCT CODE	UNIT PRICE	AMOUNT

BILLING SCHEDULE: 2 HOUR LOAD BANK TEST ON DATE :
 MAR-2021
REF.NO.:

UNIT SUBTOTAL:	721.97
SUBTOTAL:	721.97
TAXES:	
LOCAL	0.00

Billing Inquiries? Call (877)480-6970

THERE ARE ADDITIONAL CONTRACT TERMS ON THE REVERSE SIDE OF THIS DOCUMENT, INCLUDING LIMITATION ON WARRANTIES AND REMEDIES, WHICH ARE EXPRESSLY INCORPORATED HEREIN AND WHICH PURCHASER ACKNOWLEDGES HAVE BEEN READ AND FULLY UNDERSTOOD.

TOTAL DUE: US \$ 721.97

RECEIVED BY (print name) _____ SIGNATURE _____ DATE _____

TERMS AND CONDITIONS

These Terms and Conditions, together with the estimate/quote (the "Quote") and/or invoice ("Invoice") attached to these Terms and Conditions, are hereinafter collectively referred to as this "Agreement" and shall constitute the entire agreement between the customer ("Customer") identified on the Quote and/or Invoice and Cummins Inc. ("Cummins") and supersede any previous agreement or understanding (oral or written) between the parties with respect to the subject matter of this Agreement. No prior inconsistent course of dealing, course of performance, or usage of trade, if any, constitutes a waiver of, or serves to explain or interpret, the Terms and Conditions set forth in this Agreement. Electronic transactions between Customer and Cummins will be solely governed by the Terms and Conditions of this Agreement, and any terms and conditions on Customer's website or other internet site will be null and void and of no legal effect on Cummins. In the event Customer delivers, references, incorporates by reference, or produces any purchase order or document, any terms and conditions related thereto shall be null and void and of no legal effect on Cummins.

1. **SCOPE OF SERVICES; PERFORMANCE OF SERVICES.** Cummins shall supply part(s) and/or component(s) and/or engine(s) and/or generator set(s) ("Goods") and/or perform the maintenance and/or repair ("Services") on the equipment identified in the Quote and/or Invoice ("Equipment"), if applicable, in accordance with the specifications in the Quote and/or Invoice. No additional services or goods are included in this Agreement unless agreed upon by the parties in writing, or otherwise, as applicable.
2. **CUSTOMER OBLIGATIONS.** If necessary, Customer shall provide Cummins safe and free access to Customer's site and arrange for all related services and utilities necessary for Cummins to safely and freely perform the Services. During the performance of the Services, Customer shall fully and completely secure all or any part of any facility where the Equipment is located to remove and mitigate any and all safety issues and risks, including but not limited to injury to facility occupants, customers, invitees, or any third party and/or property damage or work interruption arising out of the Services. If applicable, Customer shall make all necessary arrangements to address and mitigate the consequences of any electrical service interruption which might occur during the Services. Customer is responsible for operating and maintaining the Equipment in accordance with the owner's manual for the Equipment.
3. **INVOICING AND PAYMENT.** Unless otherwise agreed to by the parties in writing and subject to credit approval by Cummins, payments are due thirty (30) days from the date of invoice. If Customer does not have approved credit with Cummins, as solely determined by Cummins, payments are due in advance or at the time of supply of the Goods and/or Services. If payment is not received when due, in addition to any rights Cummins may have at law, Cummins may charge Customer eighteen percent (18%) interest annually on late payments, or the maximum amount allowed by law. Customer agrees to pay all Cummins' costs and expenses (including all reasonable attorneys' fees) related to Cummins' enforcement and collection of unpaid invoices, or any other enforcement of this Agreement by Cummins.
4. **TAXES; EXEMPTIONS.** The Invoice includes all applicable local, state, or federal sales and/or use or similar taxes which Cummins is required by applicable laws to collect from Customer under this Agreement. Customer must provide a valid tax exemption certificate or direct payment certificate prior to shipment of the Goods or performance of the Services, or such taxes will be included in the Invoice.
5. **DELIVERY; TITLE AND RISK OF LOSS.** Unless otherwise agreed in writing by the parties, any Goods supplied under this Agreement shall be delivered FOB Origin, freight prepaid to the first destination. If agreed, any charges for third party freight are subject to adjustment to reflect any change in price at time of shipment. Unless otherwise agreed to, packaging method, shipping documents and manner, route and carrier and delivery shall be as Cummins deems appropriate. All shipments are made within normal business hours, Monday through Friday. Unless otherwise agreed in writing by the parties, title and risk of loss for any Goods sold under this Agreement shall pass to Customer upon delivery of Goods by Cummins to freight carrier or to Customer at pickup at Cummins' facility.
6. **DELAYS.** Any delivery, shipping, installation, or performance dates indicated in this Agreement are estimated and not guaranteed. Further, delivery time is subject to confirmation at time of order. Cummins shall not be liable to Customer or any third party for any loss, damage, or expense suffered by Customer or third party due to any delay in delivery, shipping, installation, or performance, however occasioned, including any delays in performance that result directly or indirectly from acts of Customer or causes beyond Cummins' control, including but not limited to acts of God, accidents, fire, explosions, flood, unusual weather conditions, acts of government authority, or labor disputes.
7. **LIMITED WARRANTIES.**
 - a. **New Goods:** New Goods purchased or supplied under this Agreement are governed by the express written manufacturers' warranty. No other warranty for Goods supplied under this Agreement is provided under this Agreement.
 - b. **Cummins Exchange Components, Other Exchange Components, and Recon:** Cummins will administer the Cummins exchange component warranty and the warranties of other manufacturers' exchange components or Recon Components which are sold by Cummins. In the event of defects in such items, only manufacturers' warranties will apply.
 - c. **HHP Exchange Engine:** HHP Exchange Engines remanufactured by Cummins under this Agreement are governed by the express Cummins' written warranty. No other warranty for HHP exchange Engines supplied under this Agreement is provided under this Agreement.
 - d. **General Service Work:** All Services shall be free from defects in workmanship (i) for power generation equipment (including engines in such equipment), for a period of ninety (90) days after completion of Services or 500 hours of operation, whichever occurs first; or (ii) for engines, for a period of ninety (90) days after completion of Services, 25,000 miles or 900 hours of operation, whichever occurs first. In the event of a warrantable defect in workmanship of Services supplied under this Agreement ("Warrantable Defect"), Cummins' obligation shall be solely limited to correcting the Warrantable Defect. Cummins shall correct the Warrantable Defect where (i) such Warrantable Defect becomes apparent to Customer during the warranty period; (ii) Cummins receives written notice of the Warrantable Defect within thirty (30) days following discovery by Customer; and (iii) Cummins has determined that there is a Warrantable Defect. Warrantable Defects remedied under this provision shall be subject to the remaining warranty period of the original warranty of the Services. New Goods supplied during the remedy of Warrantable Defects are warranted for the balance of the warranty period still available from the original warranty of such Goods.
 - e. **Used Goods:** Used Goods are sold "as is, where is" unless exception is made in writing between Cummins and Customer. Customer agrees to inspect all used Goods before completing the purchase.
8. **INDEMNIFICATION.** Customer shall indemnify, defend and hold harmless Cummins from and against any and all claims, actions, costs, expenses, damages and liabilities, including reasonable attorneys' fees, brought against or incurred by Cummins related to or arising out of this Agreement or the Services and/or Goods supplied under this Agreement (collectively, the "Claims"), where such Claims were caused or contributed, in whole or in part, by the acts, omissions, fault or negligence of the Customer. Customer shall present any Claims covered by this indemnity, including any tenders for defense and indemnity by Cummins to its insurance carrier unless Cummins directs that the defense will be handled by Cummins' legal counsel at Customer's expense.
9. **LIMITATION OF LIABILITY. NOTWITHSTANDING ANY OTHER TERM OF THIS AGREEMENT, IN NO EVENT SHALL CUMMINS, ITS OFFICERS, DIRECTORS, EMPLOYEES, OR AGENTS BE LIABLE TO CUSTOMER OR ANY THIRD PARTY FOR ANY INDIRECT, INCIDENTAL, SPECIAL, PUNITIVE, OR CONSEQUENTIAL DAMAGES OF ANY KIND (INCLUDING WITHOUT LIMITATION DOWNTIME, LOSS OF PROFIT OR REVENUE, LOSS OF DATA, LOSS OF OPPORTUNITY, DAMAGE TO GOODWILL, ENHANCED DAMAGES, MONETARY REQUESTS RELATING TO RECALL EXPENSES AND REPAIRS TO PROPERTY, AND/OR DAMAGES CAUSED BY DELAY) IN ANY WAY RELATED TO OR ARISING FROM CUMMINS' SUPPLY OF GOODS OR SERVICES UNDER THIS AGREEMENT. IN NO EVENT SHALL CUMMINS' LIABILITY TO CUSTOMER OR ANY THIRD PARTY CLAIMING DIRECTLY THROUGH CUSTOMER OR ON CUSTOMER'S BEHALF UNDER THIS AGREEMENT EXCEED THE TOTAL COST OF GOODS AND SERVICES SUPPLIED BY CUMMINS UNDER THIS AGREEMENT GIVING RISE TO THE CLAIM. BY ACCEPTANCE OF THIS AGREEMENT, CUSTOMER ACKNOWLEDGES CUSTOMER'S SOLE REMEDY AGAINST CUMMINS FOR ANY LOSS SHALL BE THE REMEDY PROVIDED HEREIN EVEN IF THE EXCLUSIVE REMEDY IN SECTION 7 IS DEEMED TO HAVE FAILED OF ITS ESSENTIAL PURPOSE.**
10. **GOVERNING LAW AND JURISDICTION.** This Agreement and all matters arising hereunder shall be governed by and construed in accordance with the laws of the State of Indiana without giving effect to any choice or conflict of law provision. The parties agree that the court of the State of Indiana shall have exclusive jurisdiction to settle any dispute or claim arising in connection with this Agreement.
11. **ASSIGNMENT.** This Agreement is binding on the parties and their successors and assigns. Customer shall not assign this Agreement without the prior written consent of Cummins.
12. **CANCELLATION.** Orders placed with and accepted by Cummins may not be cancelled except with Cummins' prior written consent. Cummins may charge Customer a cancellation charge in accordance with current Cummins policy which is available upon request, in addition to the actual, non-recoverable costs incurred by Cummins.
13. **REFUNDS/CREDITS.** Goods ordered and delivered by Cummins under this Agreement are not returnable unless agreed to by Cummins. Cummins may, at its sole discretion, agree to accept Goods for return and provide credit where Goods are in new and saleable condition and presented with a copy of the original invoice. Credits for returns will be subject to up to a 15% handling/restocking charge and are limited to eligible items purchased from Cummins.
14. **INTELLECTUAL PROPERTY.** Any intellectual property rights created by either party, whether independently or jointly, in the course of the performance of this Agreement or otherwise related to Cummins pre-existing intellectual property or subject matter related thereto, shall be Cummins' property. Customer agrees to assign, and does hereby assign, all right, title, and interest in such intellectual property to Cummins. Any Cummins pre-existing intellectual property shall remain Cummins' property. Nothing in this Agreement shall be deemed to have given Customer a licence or any other rights to use any of the intellectual property rights of Cummins.
15. **COMPLIANCE WITH LAWS.** Customer shall comply with all laws applicable to its activities under this Agreement, including without limitation, any and all applicable national, provincial, and local export, anti-bribery, environmental, health, and safety laws and regulations in effect. Customer acknowledges that the Goods, and any related technology that are sold or otherwise provided hereunder may be subject to export and other trade controls restricting the sale, export, re-export and/or transfer, directly or indirectly, of such Goods or technology to certain countries or parties, including, but not limited to, licensing requirements under applicable laws and regulations of the United States, the United Kingdom and other jurisdictions. It is the intention of Cummins to comply with these laws, rules, and regulations. Any other provision of this Agreement to the contrary notwithstanding, Customer shall comply with all such applicable laws relating to the cross-border movement of goods or technology, and all related orders in effect from time to time, and equivalent measures. Customer shall accept full responsibility for any and all civil or criminal liabilities and costs arising from any breaches of those laws and regulations and will defend, indemnify, and hold Cummins harmless from and against any and all fines, penalties, claim, damages, liabilities, judgments, costs, fees, and expenses incurred by Cummins or its affiliates as a result of Customer's breach.
16. **CONFIDENTIALITY.** Each party shall keep confidential any information received from the other that is not generally known to the public and at the time of disclosure, would reasonably be understood by the receiving party to be proprietary or confidential, whether disclosed in oral, written, visual, electronic, or other form, and which the receiving party (or agents) learns in connection with this Agreement including, but not limited to: (a) business plans, strategies, sales, projects and analyses; (b) financial information, pricing, and fee structures; (c) business processes, methods, and models; (d) employee and supplier information; (e) specifications; and (f) the terms and conditions of this Agreement. Each party shall take necessary steps to ensure compliance with this provision by its employees and agents.
17. **MISCELLANEOUS.** All notices under this Agreement shall be in writing and be delivered personally, mailed via first class certified or registered mail, or sent by a nationally recognized express courier service to the addresses set forth in the Quote and/or Invoice. No amendment of this Agreement shall be valid unless it is writing and signed by the parties hereto. Failure of either party to require performance by the other party of any provision hereof shall in no way affect the right to require such performance at any time thereafter or the enforceability of the Agreement generally, nor shall the waiver by a party of a breach of any of the provisions hereof constitute a waiver of any succeeding breach. Any provision of this Agreement that is invalid or unenforceable shall not affect the validity or enforceability of the remaining terms hereof. These terms are exclusive and constitute entire agreement. Customer acknowledges that the provisions were freely negotiated and bargained for and Customer has agreed to purchase of the Goods and/or Services pursuant to these terms and conditions. Acceptance of this Agreement is expressly conditioned on Customer's assent to all such terms and conditions. Neither party has relied on any statement, representation, agreement, understanding, or promise made by the other except as expressly set out in this Agreement.



Mark A. Hackel
County Executive

ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Michelle Houvener	95966	7/27/21
4. SET ID		5. POST DATE
VP210729MA		

PARENT RECORD INFORMATION					
6. VENDOR NAME (Check to be issued to)	7. VENDOR NUMBER	8. ADDR CODE	9. Invoice No (MAX = 16 CHARACTERS)	10. Invoice Date	11. Invoice Amount
De-Cal, Inc.	V59694	01	WO9211311	7/27/2021	\$ 1,208.20

CHILD RECORD DETAIL INFORMATION											
Line	General Ledger		Job Ledger		16. Work Order Number	OPTIONAL	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC	22. Sep CK
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object		17. Secondary Reference (MAX = 16 CHARACTERS)					
A	8200017M	93001	CC0004	93001	WO18006	8 1/2 Mile Relief	Job #9211311; Control room overheating	\$ 1,208.20	GEN		
B											
C											
D											
E											
F											
G											

23. Total: \$ 1,208.20

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

25. Finance Officer:	BM/mh	30. Drain:	8 1/2 Mile Relief
26. Chief Deputy:		31. Project Balance:	N/A
27. Engineers:		32. Staff Date:	8/3/2021
28. Managers:		33. Board Date:	8/9/2021
29. Coordinator:		34. Select For Pay Date:	



DE-CAL, Inc.
 24659 Schoenherr Rd.
 Warren, MI 48089-4775
 Service Phone: 586-619-0281
 Service Fax: 586-486-5242

Service Invoice

Invoice #: WO9211311

Date: 07/27/2021

Billed To: Macomb County Chapaton
 23001 E. 9 Mile Rd.
 St. Clair Shores MI 48080

Location: Macomb Chapaton Pumping
 23001 E. 9 Mile Rd.
 St. Clair Shores MI 48080

Attn: Accounts Payable

Client PO#:	Employee:	Due Terms: 30DY
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Assembly#	Part#	Description	Quantity	Price	Ext Price	Sales Tax
		See Attached	1.0000	1,208.200000	1,208.20	N

Notes:
 See Work Order for Details

De-Cal Service Group is a division of De-Cal, Inc.
 Please Make Checks Payable to: De-Cal, Inc.
 Thank you for your prompt payment!

Amount Due: \$ 1,208.20

Service Report



Service Report No : 9211311-1

Date: June 30, 2021

Client P.O. #: N/A

HVAC Service

Ready to Invoice/Work Complete

Site:

Macomb Chapaton Pump station
23001 E. 9 Mile Rd., St. Clair Shores , MI ,
48080

Client:

Macomb County Chapton
23001 E. 9 Mile Rd., St. Clair Shores , MI ,
48080

Reason for Call:

control room is over heating and 85 degrees in room and office are warm -this is an emergency call per Chris onsite

Description of Service:

6-30 Arrived onsite and checked in with Chris, he informed me of problem, checked T-stat for cooling call, checked good, space temp was 77deg. verified blower was operating, check good, no icing on coil, put gauges on condenser, pressures were good, 175 / 80, checked discharge air at register in space,(65deg.) space temp was at 77 deg., return temp 80 deg. humidity in space was 60%, went up on mezzanine where AHU is located, found blower access door bent in pulling in air from Pump mtr. flr. space. found damaged 6" collar, duct fitting had been removed and re-installed, but missing drives and not properly sealed pulling air in R/A duct from pump mtr flr also, repaired blr. access door, repaired damaged collar, Brett also had me remove old humidifiers from 2 units and patched holes were equipment was removed and by pass, sealed all joints properly, recommended all duct work on mezzanine to be insulated to help with getting better temps on S/A & R/A duct because of pump mtr. flr. space is not cooled, this will increase efficiency of existing AHU's

Repairs on blower door, collar and duct connections was do to contractors working on remodeled spaces.

Used truck stock for patches and duct seal 2 tubes, screws, brush,

Technician Work

Name	Date	Reg. hrs	Prem. hrs
Cliff Wilkerson	Jun 30, 2021	8	0



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Michelle Houvener	95966	7/20/21
4. SET ID		5. POST DATE
VP210721NA		

PARENT RECORD INFORMATION					
6. VENDOR NAME (Check to be issued to)	7. VENDOR NUMBER	8. ADDR CODE	9. Invoice No (MAX = 16 CHARACTERS)	10. Invoice Date	11. Invoice Amount
De-Cal, Inc.	V59694	01	WO90021105-1	7/19/2021	\$ 546.20

CHILD RECORD DETAIL INFORMATION											
Line	General Ledger		Job Ledger		16. Work Order Number	OPTIONAL	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC	22. Sep CK
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object		17. Secondary Reference (MAX = 16 CHARACTERS)					
A	8200017M	93001	CC0004	93001	WO18006	8 1/2 Mile Relief	Job #900-21-105-2; 2nd Qtr PM	\$ 546.20	GEN		
B											
C											
D											
E											
F											
G											

23. Total: \$ 546.20 REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

<p>25. Finance Officer: <u>BM/mh</u></p> <p>26. Chief Deputy: _____</p> <p>27. Engineers: _____</p> <p>28. Managers: _____</p> <p>29. Coordinator: _____</p>	<p>30. Drain: <u>8 1/2 Mile Relief</u></p> <p>31. Project Balance: <u>N/A</u></p> <p>32. Staff Date: <u>8/3/2021</u></p> <p>33. Board Date: <u>8/9/2021</u></p> <p>34. Select For Pay Date: _____</p>
--	---



DE-CAL, Inc.
 24659 Schoenherr Rd.
 Warren, MI 48089-4775
 Service Phone: 586-619-0281
 Service Fax: 586-486-5242

Service Invoice

Invoice #: WO90021105-1

Date: 07/19/2021

Billed To: Macomb County Chapaton
 23001 E. 9 Mile Rd.
 St. Clair Shores MI 48080

Location: Macomb Chapaton Pumping
 23001 E. 9 Mile Rd.
 St. Clair Shores MI 48080

Attn: Accounts Payable

Client PO#:	Employee:	Due Terms: 30DY
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Assembly#	Part#	Description	Quantity	Price	Ext Price	Sales Tax
		See Attached	1.0000	546.200000	546.20	N

Notes:
 See Work Order for Details

De-Cal Service Group is a division of De-Cal, Inc.
 Please Make Checks Payable to: De-Cal, Inc.
 Thank you for your prompt payment!

Amount Due: \$	546.20
-----------------------	---------------

Service Report



Service Report No : 900-21-105-2-1

Date: June 23, 2021

Client P.O. #: N/A

HVAC Service

Ready to Invoice/Work Complete

Site:

Macomb Chapaton Pump station

23001 E. 9 Mile Rd., St. Clair Shores , MI ,
48080

Client:

Macomb County Chaption

23001 E. 9 Mile Rd., St. Clair Shores , MI ,
48080

Reason for Call:

2nd Quarter Summer PM

Description of Service:

Replaced filters in both units. Washed condenser coils on both units. Brush off return grill. Reattached duct for humidifier by pass. Supply air was blowing out humidifier and not into room. Cycle and check unit for proper operation, ok. Unit cooled room to test set point of 64 degrees and cycled off. Control room in also operating as it should.

Technician Work

Name	Date	Reg. hrs	Prem. hrs
Tony Kleinsorge	Jun 23, 2021	4	0



Mark A. Hackel
County Executive

ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Michelle Houvener	95966	7/12/21
4. SET ID		5. POST DATE
VP210709MA		

PARENT RECORD INFORMATION					
6. VENDOR NAME (Check to be issued to)	7. VENDOR NUMBER	8. ADDR CODE	9. Invoice No (MAX = 16 CHARACTERS)	10. Invoice Date	11. Invoice Amount
Doetsch	V01332	01	71656	6/30/2021	\$ 27,900.00

CHILD RECORD DETAIL INFORMATION											
Line	General Ledger		Job Ledger		16. Work Order Number	OPTIONAL	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC	22. Sep CK
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object		17. Secondary Reference (MAX = 16 CHARACTERS)					
A	8200017M	80126	CC0004	80126	WO21017	8 1/2 Mile Relief	Wet Well Cleaning 5/21-6/3	\$ 27,900.00	GEN		
B											
C											
D											
E											
F											
G											

23. Total: \$ 27,900.00 REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

25. Finance Officer: <u>BM/mh</u> 26. Chief Deputy: _____ 27. Engineers: _____ 28. Managers: _____ 29. Coordinator: _____	30. Drain: <u>8 1/2 Mile Relief</u> 31. Project Balance: <u>N/A</u> 32. Staff Date: <u>7/13/2021</u> 33. Board Date: <u>8/9/2021</u> 34. Select For Pay Date: _____
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DOETSCH

ENVIRONMENTAL SERVICES

21221 Mullin Ave. Warren, MI 48089
 Phone: 586-755-2090 Fax: 586-755-2099
 www.doetschenv.com

W021017

Bill To:

MACOMB COUNTY PUBLIC WORKS
 21777 DUNHAM RD
 CLINTON TOWNSHIP, MI 48036

Ship to:

CHAPATON PUMP STATION

Wet Well Cleaning

INVOICE DATE	INVOICE NUMBER	CUSTOMER PO	PAYMENT TERMS
Jun 30, 2021	71656		Net 10 Days

6.00 VACTOR 2100	4,650.00 P/DAY	5-21 MOBILIZATION 5-22 MOBILIZATION 5-24 CLEANING 5-25 CLEANING 5-26 CLEANING (1/2 DAY) 5-27 CLEANING 6-1 CLEANING 6-3 CLEANING (1/2 DAY)	27,900.00
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Total Invoice Amount	27,900.00
Payment/Credit Applied	
TOTAL	27,900.00

Check/Credit Memo



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Michelle Houvener	95337	7/19/21
4. SET ID		5. POST DATE
FSB Bill Pay 8/5/21		

PARENT RECORD INFORMATION					
6. VENDOR NAME (Check to be issued to)	7. VENDOR NUMBER	8. ADDR CODE	9. Invoice No (MAX = 16 CHARACTERS)	10. Invoice Date	11. Invoice Amount
DTE Energy	V01270	08	RRQDZ-T71ZQ	7/9/2021	\$ 12,346.78

CHILD RECORD DETAIL INFORMATION											
Line	General Ledger		Job Ledger		16. Work Order Number	OPTIONAL	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC	22. Sep CK
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object		17. Secondary Reference (MAX = 16 CHARACTERS)					
A	8200017M	92101	CC0004	92101	WO18006	8 1/2 Mile Relief	Acct #9100-0005-3785, 6/8-7/8	\$ 12,346.78	GEN		
B											
C											
D											
E											
F											
G											

23. Total: \$ **12,346.78** REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

25. Finance Officer: <u>BM/mh</u> 26. Chief Deputy: _____ 27. Engineers: _____ 28. Managers: _____ 29. Coordinator: _____	30. Drain: <u>8 1/2 Mile Relief</u> 31. Project Balance: <u>N/A</u> 32. Staff Date: <u>8/3/2021</u> 33. Board Date: <u>8/9/2021</u> 34. Select For Pay Date: _____
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910000053785

00001234678 B



Payment Coupon

Account Number	910000053785
Due Date:	August 05, 2021
Total Due:	\$12,346.78

MACOMB COUNTY
 MACOMB COUNTY DRAIN COMM
 21777 DUNHAM RD
 CLINTON TWP MI 48036-1005

Mail Payments to:
 DTE Energy
 P.O. Box 740786
 Cincinnati OH 45274-0786

Please detach and return coupon with account number on check. Agencies are not authorized to accept payment of this bill.

Account Information

RQDZ-T71ZQ

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

Account Number	9100-0005-3785
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DTE-Energy Federal ID No.	38-3217752
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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



Summary Of Charges

Account Number 9100-0005-3785

Previous Balance as of 06/10/2021 **8,581.00**
Payment(s) and Credit(s) **- 8,581.00**
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 Cat1	EFCND3_WP	06/08 - 07/08/21	12,346.78
		Taxes			0.00
		Miscellaneous Charges			0.00
		Current Bill			\$12,346.78

Amount Due on or before Due Date of 08/05/2021 **\$12,346.78**

Your current charges are due on August 5, 2021. A 2% late payment charge will be applied if paid after the due date.

Detail Charges

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

Outage Contact Number: 1-313-235-1300

Invoice: 200033044902

Billing Period: 06/08/2021 through 07/08/2021

Days Billed: 31

Metering Information

Meter Number	Start Date	Start Read	Stop Date	Stop Read	Read Difference	Units Multiplier	Usage Used	Type
10056082	06/08	73.3A	07/08	83.1A	9.8	6,400.0000	62,720.0	P - In-V
10056082	06/08	98.3A	07/08	110.4A	12.1	6,400.0000	77,440.0	P - In-W
10056085	06/08	0.0A	07/08	0.0A	0.0	6,400.0000	0.0	P - In-V
10056085	06/08	0.0A	07/08	0.0A	0.0	6,400.0000	0.0	P - In-W
10098716	06/08	0.0A	07/08	0.0A	0.0	- 6400.0000	0.0	P - Out-V
10098716	06/08	0.0A	07/08	0.0A	0.0	- 6400.0000	0.0	P - Out-W
Total KVARH							62,720.00	
Total KWH							77,440.00	

Invoice: 200033044902 Service Name: Chapaton Pumping Station

Item: 7004376662 Cycle: 05

General Service Municipal Pumping-Net Metering Cat1

Billing Status Information

1	On-peak Billing Demand	1085	KW	ESTABLISHED	06/29/2021	16:30
3	65% High OP Bill Dmd June-Oct prec 11 mths	969	KW	ESTABLISHED	09/08/2020	11:30
8	Highest Single Billing Demand	5617	KW	ESTABLISHED	06/26/2021	02:30
A	Current PV High Monthly Demand	5617	KW	ESTABLISHED	06/26/2021	02:30
B	50% of the Contract Capacity for PV	0	KW			
C	Primary Voltage Maximum Demand	6380	KW	ESTABLISHED	07/11/2020	00:00
	Contract Capacity for Location	6738	KW	ESTABLISHED	08/16/2016	05:00
	Power Factor (ratio) for all voltages	77	PCT			
	Total Number of days in the Billing Period	31	DAYS			
	Avg Kilowatthours Used Per Day This Period	2498	KWH			
	Avg Kilowatthours Used Per Day A Year Ago	1707	KWH			
	kWh percentage change from a year ago	46	PCT			
	Metered outflow	0	KWH			
	Net Delivery Billed (inflow)	77440	KWH			
	Net Inflow (In - Out)	77440	KWH			

Charges for 06/08/2021 through 07/08/2021

Power Supply Charges:

Power Supply Energy:						
Power Supply Capacity Charge	77,440	KWH	@ \$	0.0390000	Per Total KWH	3,020.16
Power Supply Non Capacity Charge	77,440	KWH	@ \$	0.0434500	Per Total KWH	3,364.77
Surcharges:						
Power Supply Cost Recovery Factor	77,440	KWH	@ \$	0.0032200	Per Total KWH	249.36
Sub Total:						6,634.29

Delivery Charges:

Service Charge						11.25
Distribution:						
Distribution Energy	77,440	KWH	@ \$	0.0386800	Per Total KWH	2,995.38
Surcharges:						
Nuclear Surcharge	77,440	KWH	@ \$	0.0008420	Per Total KWH	65.20
LIEAF Factor	2	MTR	@ \$	0.9100000		1.82
Other Delivery Surcharges						138.84
Sub Total:						3,212.49
Special Facilities Charge						2,500.00

Invoice Subtotal

12,346.78

Michigan State Sales Tax On Taxable Portion

0.00

Invoice Total

\$12,346.78



Mark A. Hackel
County Executive

ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Michelle Houvener	95966	7/23/21
4. SET ID		5. POST DATE
VP210727MB		

PARENT RECORD INFORMATION					
6. VENDOR NAME (Check to be issued to)	7. VENDOR NUMBER	8. ADDR CODE	9. Invoice No (MAX = 16 CHARACTERS)	10. Invoice Date	11. Invoice Amount
Fishbeck	V44063	01	402542	7/14/2021	\$ 22,750.09

CHILD RECORD DETAIL INFORMATION											
Line	General Ledger		Job Ledger		16. Work Order Number	OPTIONAL	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC	22. Sep CK
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object		17. Secondary Reference (MAX = 16 CHARACTERS)					
A	8200017M	80138	CC0004	80138	WO19005	8 1/2 Mile Relief	Pjt #190051 through 7/14/21	\$ 22,750.09	GEN		
B											
C											
D											
E											
F											
G											

23. Total: \$ **22,750.09** REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

As Needed Services

<p>25. Finance Officer: <u>BM/mh</u></p> <p>26. Chief Deputy: _____</p> <p>27. Engineers: _____</p> <p>28. Managers: _____</p> <p>29. Coordinator: _____</p>	<p>30. Drain: <u>8 1/2 Mile Relief</u></p> <p>31. Project Balance: <u>\$151,432.84</u></p> <p>32. Staff Date: <u>8/3/2021</u></p> <p>33. Board Date: <u>8/9/2021</u></p> <p>34. Select For Pay Date: _____</p>
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**MACOMB COUNTY PUBLIC WORKS OFFICE
ENGINEERING INVOICE COVER SHEET**

WORK ORDER NUMBER WO19005

PROJECT NUMBER WWS-2019-001

PROJECT NAME As-Needed General Engineering Services

DRAINAGE DISTRICT Eight and One-Half Mile Relief Drain Drainage District

CONSULTANT NAME Fishbeck

INVOICE DATE 7/14/2021

INVOICE START DATE 6/12/2021

INVOICE END DATE 7/9/2021

ORIGINAL CONTRACT AMOUNT	\$ 151,919.00
CHANGE ORDER TOTAL	\$ 203,732.00
Change Order No. 1	\$ 75,000.00
Change Order No. 2	\$ 128,732.00
Change Order No. 3	
Change Order No. 4	
TOTAL REVISED CONTRACT AMOUNT	\$ 355,651.00
(includes all approved change orders only)	
TOTAL AMOUNT PREVIOUSLY INVOICED	\$ 181,468.07
TOTAL AMOUNT DUE THIS INVOICE	\$ 22,750.09
TOTAL BUDGET REMAINING	\$ 151,432.84
(Includes Total Revised Contract Amount Less Total Invoiced Previously and Total Invoiced Current)	

Payment Options

Remit Wire/ACH payments to Acct: 100094457 ABA: 072413829
 Remit checks to: 1515 Arboretum Drive, SE, Grand Rapids, Michigan 49546
 Remittance Advice: accounts.receivable@fishbeck.com
 616.575.3824
 Federal I.D. No. 38-1841857 | Incorporated

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

Invoice: 402542
Invoice Date: 7/14/2021
Project: 190051
Project Name: Macomb Co PW/8.5 As-needed
 Engineering
Bill Term: 1

For Professional Services Rendered Through 7/9/2021

WO19005

	Fee	Available	Billings		
			To Date	Previous	Current
1 - Task 1 - Genral As Needed	32,977.61	32,977.61	0.00	0.00	0.00
1.A - Task 1a - Chapaton Structural Study	46,910.34	0.00	46,910.34	46,910.34	0.00
1.B - Task 1b - 9 Mile Pipe Repair (WO19105)	20,816.15	0.00	20,816.15	20,816.15	0.00
1.C - Task 1c - In-System Storage As-Needed	10,185.00	10,185.00	0.00	0.00	0.00
1.D - Task 1d - Office Improvements	21,393.90	0.00	21,393.90	21,393.90	0.00
1.E - Task 1e - Maps	7,500.00	4,776.59	2,723.41	2,723.41	0.00
1.F - Task 1f - Chapaton Sampling Plan	4,065.60	0.00	4,065.60	4,065.60	0.00
1.G - Task 1g - Chapaton Survey	2,084.25	0.00	2,084.25	2,084.25	0.00
1.H - Task 1h - Chapaton Bar Screen Hydraulic Isolation	2,976.75	0.00	2,976.75	2,976.75	0.00
1.I - Task 1i - Chapaton Environmental Study	8,521.60	0.01	8,521.59	8,521.59	0.00
1.j - Task 1j - Chapaton Flow Meter Drawings	2,680.00	0.00	2,680.00	2,680.00	0.00
1.k - Task 1k - Chapaton High Water Protection	4,783.80	0.00	4,783.80	4,783.80	0.00
1.l - Task 1l - Chapaton 3D Animation	3,557.00	0.00	3,557.00	3,557.00	0.00
1.M - Task 1m - Chapaton Ground Penetrating Radar	4,589.00	0.00	4,589.00	4,589.00	0.00
1.N - Task 1n - Chapaton Div 01 Specs	3,428.00	0.00	3,428.00	3,428.00	0.00
1.O - Task 1o - RTB & 9EB Structural Repair	148,682.00	117,664.76	53,767.33	31,017.24	22,750.09
Rate Labor	65.00				
Expenses	22,685.09				
1.P - Task 1p - SRF 5685-01 Project Plan Amendment	24,500.00	5,999.45	18,500.55	18,500.55	0.00
1.Q - Task 1q - Chapaton Canal Expansion Analysis	6,000.00	2,579.51	3,420.49	3,420.49	0.00

Current Billings	<u>22,750.09</u>
Amount Due This Bill	22,750.09

1.O - Task 1o - RTB & 9EB Structural Repair

Rate Labor

<i>Class</i>	<i>Hours</i>	<i>Rate</i>	<i>Amount</i>
Senior Engineer	0.50	130.0000	65.00
Total Rate Labor			65.00

Expenses

<i>Account / Vendor</i>	<i>Cost</i>	<i>Multiplier</i>	<i>Amount</i>
Subconsultant NTH Consultants Ltd	21,604.85	1.05	22,685.09
Total Expenses			22,685.09

Total Bill Task: 1.O - Task 1o - RTB & 9EB Structural Repair **22,750.09**

Total Project: 190051 - Macomb Co PW/8.5 As-needed Engineering **22,750.09**



Mark A. Hackel
County Executive

ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Michelle Houvener	95966	7/8/21
4. SET ID		5. POST DATE
V P210709MUA		

PARENT RECORD INFORMATION					
6. VENDOR NAME (Check to be issued to)	7. VENDOR NUMBER	8. ADDR CODE	9. Invoice No (MAX = 16 CHARACTERS)	10. Invoice Date	11. Invoice Amount
JCI JONES CHEMICALS INC	V65297	01	859437	7/6/2021	\$ 4,323.30

CHILD RECORD DETAIL INFORMATION											
Line	General Ledger		Job Ledger		16. Work Order Number	OPTIONAL	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC	22. Sep CK
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object		17. Secondary Reference (MAX = 16 CHARACTERS)					
A	8200017M	72650	CC0004	72650	WO18006	8 1/2 Mile Relief	Order #638643; 7/6/21	\$ 4,323.30	GEN		
B											
C											
D											
E											
F											
G											

23. Total: \$ 4,323.30

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

<p>25. Finance Officer: <u>BM/mh</u></p> <p>26. Chief Deputy: _____</p> <p>27. Engineers: _____</p> <p>28. Managers: _____</p> <p>29. Coordinator: _____</p>	<p>30. Drain: <u>8 1/2 Mile Relief</u></p> <p>31. Project Balance: <u>N/A</u></p> <p>32. Staff Date: <u>7/13/2021</u></p> <p>33. Board Date: <u>8/9/2021</u></p> <p>34. Select For Pay Date: _____</p>
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www.jcichemicals.com

INVOICE

*** ORIGINAL ***
 JCI JONES CHEMICALS, INC..
 RIVERVIEW BRANCH LOCATION
 18000 PAYNE AVENUE
 RIVERVIEW , MI 48192
 Phone: (734) 283-0677
 Fax: (734) 283-0979
 email: cs@jcichem.com

Inv Date	Invoice #
07/06/2021	859437
Date Shipped	Order/BOL #
07/06/2021	638643

Customer Number
 21543215

S MACOMB COUNTY
 O ATTN: ACCTS PAYABLE
 L 23001 9 MILE ROAD
 D Saint Clair Shores , MI 48080-
 T USA
 O

S ID # : 1
 H CHAPATON PUMPING STATION
 I 23001 NINE MILE RD
 P ST CLAIR SHORES , MI 48080-
 T USA
 O

Customer PO #	FOB Remark	Freight Terms	Sales ID
VBL KRIS BENDA	Destination	Delivered	NORTH
Release #	Ship Via	Terms	Due Date
	Harold Marcu	N 30	08/05/2021
Discount Due Date			8/5/2021
Units	Package	Product Name	Total Quantity
4,478.00	1 Gal Bulk	HYPOCHLORITE SOLUTION, SS150 1201-001 BULK (\$85 Stop Fee) (+ fsc)	4,478.0000/Gal
			0.9600 /Gal
			4,298.88
General Remarks:		<> EMAIL INVOICE TO: michelle.houvener@macombgov.org <> OUTSIDE CARRIER: HAROLD MARCUS NET WEIGHT: 45.040 FSC	
		Fuel Surcharge	24.42

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Total: 4,323.30

Remit To: **JCI Jones Chemicals, Inc.**
MSC# 729
PO BOX 830674
Birmingham, AL 35283-0674 USA

PLEASE PAY
THIS AMOUNT





ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type) Michelle Houvener	2. PHONE # 95966	3. DATE 7/15/21
4. SET ID VP210719MB		5. POST DATE

PARENT RECORD INFORMATION					
6. VENDOR NAME (Check to be issued to)	7. VENDOR NUMBER	8. ADDR CODE	9. Invoice No (MAX = 16 CHARACTERS)	10. Invoice Date	11. Invoice Amount
Kennedy Industries	V11826	04	623612	2/23/2021	\$ 2,200.00

CHILD RECORD DETAIL INFORMATION											
Line	General Ledger		Job Ledger		16. Work Order Number	OPTIONAL	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC	22. Sep CK
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object		17. Secondary Reference (MAX = 16 CHARACTERS)					
A	8200017M	93002	CC0004	93002	WO18006	8 1/2 Mile Relief	Job #0094920; 2/1/21	\$ 2,200.00	GEN		
B											
C											
D											
E											
F											
G											

23. Total: \$ 2,200.00

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:
Preventative maintenance

<p>25. Finance Officer: <u>BM/mh</u></p> <p>26. Chief Deputy: _____</p> <p>27. Engineers: _____</p> <p>28. Managers: _____</p> <p>29. Coordinator: _____</p>	<p>30. Drain: <u>8 1/2 Mile Relief</u></p> <p>31. Project Balance: <u>N/A</u></p> <p>32. Staff Date: <u>8/3/2021</u></p> <p>33. Board Date: <u>8/9/2021</u></p> <p>34. Select For Pay Date: _____</p>
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KENNEDY
INDUSTRIES

INNOVATE
SOLVE
MONITOR
REPAIR

INVOICE		
DATE	NUMBER	PAGE
2/23/2021	623612	1 of 1

B MAC152
I MACOMB COUNTY PUBLIC WORKS
L 21777 DUNHAM RD.
L CLINTON TWP, MI 48036
T
O

S CHAPATAN STATION
H 9 MILE & JEFFERSON
I ST. CLAIR, SHORE, MI
P
T
O

ATTENTION:

PETE TROMBLEY 586-772-3425 pete.trombley@macombgov.org

CUSTOMER REF/PO #	JOB #	JOB TITLE	SLP	SHIPPING TYPE
18- 9330	0094920	MACOMB COUNTY PUBLIC WORKS, CHAPATON STATION, ANNUAL MAINTENANCE, FIELD SERVICE	MJK/PM	FIELD SERVICE

QUANTITY		PART NO.	DESCRIPTION	UNIT PRICE	EXTENDED
B/O	Ship				
0.00	1.00	MAC152CHAPATON	CHAPATON STATION KENNEDY INDUSTRIES PROVIDED (2) FIELD SERVICE TECHNICIAN(S) ONSITE ON 2/1/2021. PLEASE SEE THE ATTACHED SERVICE REPORT.	\$2,200.00	\$2,200.00

PLEASE REMIT TO:
KENNEDY INDUSTRIES, INC.
P.O. BOX 930079
WIXOM, MI 48393

This invoice is subject to and incorporates by reference Kennedy Industries, Inc.'s ("Kennedy") Terms & Conditions (Rev'd 4/2019) and Customer Warranty available at www.kennedyind.com which will be provided by email upon written request. Buyer expressly agrees to the provisions set forth in the Terms & Conditions and Customer Warranty posted on Kennedy's website.

***TERMS OF PAYMENT ARE NET 30 DAYS FROM DATE OF INVOICE**
***A 7% PER ANNUM SERVICE CHARGE SHALL BE APPLIED TO ANY BALANCE**
***CREDIT CARD PAYMENTS ARE SUBJECT TO AN ADDITIONAL 3% CHARGE**

SUBTOTAL: \$2,200.00
TAX: \$0.00
TOTAL: \$2,200.00

P.O. Box 930079 Wixom, MI 48393 - 4925 Holtz Drive Wixom, MI 48393 - Phone: 248-684-1200 - Fax: 248-684-6011

www.KennedyInd.com

TECH 1: <u>C. LAMBERT</u>
TECH 2: <u>G. PHIPPS</u>
OSS/ISS: <u>KES/KTT</u>
DATE: <u>02/01/2021</u>
TIME: <u>8 AM</u>
SO#: <u>094920</u>

OWNER: <u>MACOMB COUNTY</u>
ADDRESS: <u>9 MILE & JEFFERSON, ST. CLAIR SHORES</u>
STATION: <u>CHAPATON STATION</u>
CONTACT: _____
PHONE: _____
FULL INSPECTION <input checked="" type="checkbox"/> ELECTRICAL CHECKS <input type="checkbox"/>

STATION INFORMATION: FULL ANNUAL INSPECTIONS
(2) FLYGT 3356 & (2) FLYGT 3153
NOTES: VERIFY BOM INFO & CORRECT IF NEEDED.

ELECTRICAL CHECK POINTS

LEVEL CONTROLS	OTHER	CLEANED & INSPECTED	N/A	ALARM @ INDICATOR LIGHTS	N/A
TELEMETRY	N/A	TELEMETRY CHECK	N/A	PHASE	THREE PHASE
VFD PHASE CONVERSION	N/A	IN LINE STARTER	Y	SOFT STARTS	
VOLTS:					
PUMP#1: L1L2	<u>489</u>	L2L3	<u>491</u>	L1L3	<u>490</u>
PUMP#2: L1L2	<u>490</u>	L2L3	<u>487</u>	L1L3	<u>489</u>
PUMP#3: L1L2	<u>489</u>	L2L3	<u>491</u>	L1L3	<u>488</u>
PUMP#4: L1L2	<u>490</u>	L2L3	<u>489</u>	L1L3	<u>490</u>
				MEG CHECK	<u>N/A</u>
				FLS CHECKED	<input checked="" type="checkbox"/> 1.2K
				MEG CHECK	<u>N/A</u>
				FLS CHECKED	<input checked="" type="checkbox"/> SEE
				MEG CHECK	<u>N/A</u>
				FLS CHECKED	<input checked="" type="checkbox"/> NOTES
				MEG CHECK	<u>N/A</u>
				FLS CHECKED	<input checked="" type="checkbox"/>
AMP:					
	FLA	P1 26A	P2/3/4 166A	IF MEG CHECK > 20 COMPLETE OHM CHECK	
PUMP#1: L1	<u>25.8</u>	L2	<u>25.4</u>	L3	<u>24.9</u>
PUMP#2: L1	<u>141</u>	L2	<u>AVG</u>	L3	<u>AVG</u>
PUMP#3: L1	<u>138</u>	L2	<u>AVG</u>	L3	<u>AVG</u>
PUMP#4: L1	<u>139</u>	L2	<u>AVG</u>	L3	<u>AVG</u>
				OHM CHECK	<u>1.2 1.2 1.2 OL</u>
				OHM CHECK	<u>0.3 0.3 0.3 OL</u>
				OHM CHECK	<u>0.3 0.3 0.3 OL</u>
				OHM CHECK	<u>0.3 0.3 0.3 OL</u>
NOTES: ALL PUMPS RUNNING SMOOTH AND QUIET.					
SEAL READINGS FOR P2/3/4 TAKEN FROM MAS UNITS.					

HOURS	CURRENT	LAST	CHANGE
PUMP#1	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
PUMP#2	<u>6744.3</u>	<u>N/A</u>	<u>N/A</u>
PUMP#3	<u>93.4</u>	<u>N/A</u>	<u>N/A</u>
PUMP#4	<u>6224.4</u>	<u>N/A</u>	<u>N/A</u>

WET WELL CONDITION N/A DRY WELL SUMP PUMP OPERATION **GOOD**

NOTES: HOURS TAKEN FROM MAS UNITS,

PUMP STATION MAINTENANCE REPORT

MECHANICAL CHECK POINTS: ELECTRICAL CHECK ONLY, NO MECHANICAL CHECK POINTS NEEDED

LIFTING CHAIN PUMP HANDLE OK DRAIN PUMP SEAL OIL CLEAN
 PRESSURE CHECK SEAL CHAMBER GOOD
 STATOR FILLED N/A IF STATOR FILLED USE UNIVOLT
 CHECK IMPELLER CLC Y TYPE RADIAL
 GRINDER N/A SPEC SEE NOTES ADJUST TO OEM SPEC YES NO
 STARTING CLC SEE NOTES FINISH CLC SEE NOTES
 IMPELLER CONDITION ALL GOOD WEAR RING OR WEAR PLATE
 WEAR RING CONDITION N/A PUMP CABLE CONDITION ALL GOOD
 IMPELLER BOLT

MECHANICAL NOTES:

- DUE TO AGE OF P4 ONLY ELECTRICAL CHECKS DONE AT CUSTOMER REQUEST TO GET FULL PM ON NEXT CYCLE.
 P1 .017 SPEC .004-.020 1380 GPM
 P2 .027 SPEC .022-.055 7050 GPM ***P4 NOT ON FLOW METER AT THIS TIME.
 P3 .025 SPEC .022-.055 6850 GPM

WERE SUPPLIES USED?:	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
WERE PARTS USED?:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
CHECKED & UPDATED BOM?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
WERE PICTURES TAKEN?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>

QTY	PART #	SUPPLIES/PARTS USED FROM STOCK/PURCHASED:	SOURCE:	COST: (IF PURCHASED)
		NONE		

AMOUNT OF NEW COOLANT SUPPLIED: @2.5 GL AMOUNT OF OLD COOLANT DISPOSED: @ 2.5 GL
 AMOUNT OF NEW OIL SUPPLIED: @ 3GL AMOUNT OF OLD OIL DISPOSED: @ 3 GL



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type) Michelle Houvener	2. PHONE # 95966	3. DATE 7/9/21
4. SET ID VP210709MA		5. POST DATE

PARENT RECORD INFORMATION					
6. VENDOR NAME (Check to be issued to)	7. VENDOR NUMBER	8. ADDR CODE	9. Invoice No (MAX = 16 CHARACTERS)	10. Invoice Date	11. Invoice Amount
Marino's Landscape	V66876	01	13835	6/30/2021	\$ 1,445.00

CHILD RECORD DETAIL INFORMATION											
Line	General Ledger		Job Ledger		16. Work Order Number	OPTIONAL	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC	22. Sep CK
	12. Org Key	13. Object	14. Cost Center (GCNT)	15. Object		17. Secondary Reference (MAX = 16 CHARACTERS)					
A	8200017M	92900	CC0004	92900	WO18006	8 1/2 Mile Relief	Lawn Care June 2021	\$ 1,445.00	GEN		
B											
C											
D											
E											
F											
G											

23. Total: \$ **1,445.00**

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

25. Finance Officer: <u>BM/mh</u> 26. Chief Deputy: _____ 27. Engineers: _____ 28. Managers: _____ 29. Coordinator: _____	30. Drain: <u>8 1/2 Mile Relief</u> 31. Project Balance: <u>N/A</u> 32. Staff Date: <u>7/13/2021</u> 33. Board Date: <u>8/9/2021</u> 34. Select For Pay Date: _____
---	---

Marino's Landscape
 51879 Schoenherr Rd
 Shelby Twp, MI 48315
 586-803-3860



Macomb County Public Works Office
 21777 Dunham Rd.
 Clinton Twp, MI 48036

PO #
 Invoice # 13835
 Invoice Date 6/30/2021

Invoice Balance 1445.00

Email: Lori@marinoslandscape.com
 Website: www.marinoslandscape.com

Date	Description	Qty	Price	Total
6/1/2021	Lawn Maintenance	1.00	289.00	289.00
6/8/2021	Lawn Maintenance	1.00	289.00	289.00
6/15/2021	Lawn Maintenance	1.00	289.00	289.00
6/22/2021	Lawn Maintenance	1.00	289.00	289.00
6/29/2021	Lawn Maintenance	1.00	289.00	289.00

Terms Due on receipt
 For 23001 E. 9 Mile Rd. - Chapaon 8 1/2 Mile, St Clair Shores MI 48080

Subtotal 1445.00
 Invoice Total 1445.00

Invoice Balance 1445.00

Client Name Macomb County Public Works Office
 For 23001 E. 9 Mile Rd. - Chapaon 8 1/2 Mile, St Clair Shores MI 48080
 Invoice # 13835
 Invoice Date 6/30/2021
 Invoice Balance 1445.00

PAYMENT STUB

Marino's Landscape
 51879 Schoenherr Rd
 Shelby Twp, MI 48315

Card #	
Exp. Date	
Signature	

Amount Enclosed

Invoices are due by terms listed. A monthly Finance Charge of 1 1/2% will be added monthly to balance 30 days past due.

<http://marinoslandscape.manageandpaymyaccount.com>
 (If you do not have your login information contact our office)
 Thank you for choosing Marino's Landscape.



Mark A. Hackel
County Executive

ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type) Michelle Houvener	2. PHONE # 95966	3. DATE 7/29/21
4. SET ID VP210802MA	5. POST DATE	

PARENT RECORD INFORMATION

6. VENDOR NAME (Check to be issued to)	7. VENDOR NUMBER	8. ADDR CODE	9. Invoice No (MAX = 16 CHARACTERS)	10. Invoice Date	11. Invoice Amount
Pullman SST, Inc.	V73878	01	WO21008, EST #2	7/27/2021	\$ 106,744.50

CHILD RECORD DETAIL INFORMATION

Line	General Ledger		Job Ledger		16. Work Order Number	OPTIONAL	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC	22. Sep CK
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object		17. Secondary Reference (MAX = 16 CHARACTERS)					
A	8200017M	80126	CC0004	80126	WO21008	8 1/2 Mile Relief	Est #2, 6/1-7/27	\$ 106,744.50	GEN		
B											
C											
D											
E											
F											
G											

23. Total: \$ 106,744.50

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:
Record retainage of \$11,860.50. Total retainage \$13,700.50

<p>25. Finance Officer: <u>BM/mh</u></p> <p>26. Chief Deputy: _____</p> <p>27. Engineers: _____</p> <p>28. Managers: _____</p> <p>29. Coordinator: _____</p>	<p>30. Drain: <u>8 1/2 Mile Relief</u></p> <p>31. Project Balance: <u>\$613,645.50 (includes retainage)</u></p> <p>32. Staff Date: <u>8/3/2021</u></p> <p>33. Board Date: <u>8/9/2021</u></p> <p>34. Select For Pay Date: _____</p>
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**MACOMB COUNTY PUBLIC WORKS OFFICE
CONTRACTOR INVOICE COVER SHEET**

WORK ORDER NUMBER WO21008

PROJECT NUMBER WWS-2021-001

PROJECT NAME Chapaton Basin and 9 Mile Emergency Bypass Sewer Structural Rep

DRAINAGE DISTRICT 8-1/2 Mile Relief Drain Drainage District

CONTRACTOR NAME Pullman SST, Inc.

INVOICE DATE 7/27/2021

INVOICE START DATE 6/1/2021

INVOICE END DATE 7/27/2021

ORIGINAL CONTRACT AMOUNT		\$	736,950.00
CHANGE ORDER TOTAL		\$	-
Change Order No. 1	Date Executed:		
Change Order No. 2	Date Executed:		
Change Order No. 3	Date Executed:		
Change Order No. 4	Date Executed:		
TOTAL REVISED CONTRACT AMOUNT		\$	736,950.00
(includes all approved change orders only)			
TOTAL AMOUNT PREVIOUSLY INVOICED		\$	16,560.00
TOTAL AMOUNT DUE THIS INVOICE		\$	106,744.50
TOTAL BUDGET REMAINING		\$	613,645.50
(Includes Total Revised Contract Amount Less Total Invoiced Previously and Total Invoiced Current)			

Contractor's Application for Payment

Owner: <u>8-1/2 Mile Relief Drain Drainage Dist.</u>	Owner's Project No.: <u>WWS-2021-001</u>
Engineer: <u>NTH Consultants, Ltd.</u>	Engineer's Project No.: <u>61-190017-10</u>
Contractor: <u>Pullman SST, Inc.</u>	Contractor's Project No.: <u>600468</u>
Project: <u>Chapaton Basin and 9 Mile Emergency Bypass Sewer Structural Repairs</u>	
Contract: <u>Chapaton Basin and 9 Mile Emergency Bypass Sewer Structural Repairs</u>	
Application No.: <u>2</u>	Application Date: <u>7/27/2021</u>
Application Period: From <u>6/1/2021</u> to <u>7/27/2021</u>	

1. Original Contract Price	\$ 736,950.00
2. Net change by Change Orders	\$ -
3. Current Contract Price (Line 1 + Line 2)	\$ 736,950.00
4. Total Work completed and materials stored to date (Sum of Column G Lump Sum Total and Column J Unit Price Total)	\$ 137,005.00
5. Retainage	
a. <u>10%</u> X \$ <u>137,005.00</u> Work Completed	\$ 13,700.50
b. <u>0%</u> X \$ - Stored Materials	\$ -
c. Total Retainage (Line 5.a + Line 5.b)	\$ 13,700.50
6. Amount eligible to date (Line 4 - Line 5.c)	\$ 123,304.50
7. Less previous payments (Line 6 from prior application)	\$ 16,560.00
8. Amount due this application	\$ 106,744.50
9. Balance to finish, including retainage (Line 3 - Line 4)	\$ 599,945.00

Contractor's Certification

The undersigned Contractor certifies, to the best of its knowledge, the following:

- (1) All previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with the Work covered by prior Applications for Payment;
- (2) Title to all Work, materials and equipment incorporated in said Work, or otherwise listed in or covered by this Application for Payment, will pass to Owner at time of payment free and clear of all liens, security interests, and encumbrances (except such as are covered by a bond acceptable to Owner indemnifying Owner against any such liens, security interest, or encumbrances); and
- (3) All the Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

Received \$118,005.00 retainage

Contractor: PULLMAN SST, INC.

Signature: *James Travnik*

Date: 7/27/2021

Recommended by Engineer

By: John R. Kosnak
Digitally signed by John R. Kosnak
 DN: cn=John R. Kosnak, o=NTH Consultants, Ltd., email=jr.kosnak@nthconsultants.com, c=US, 2021.07.28 17:29:53-0400
Title: Principal Engineer
Date: July 28, 2021

Approved by Owner

By: *[Signature]*
Title: Engineer II
Date: 07/29/2021

Approved by Funding Agency

By: N/A
Title: _____
Date: _____

By: *[Signature]*
Title: Operations & Flow Manager
Date: 07/29/2021

Progress Estimate - Unit Price Work

Contractor's Application for Payment

Owner: 8-1/2 Mile Relief Drain Drainage Dist.
 Engineer: NTH Consultants, Ltd.
 Contractor: Pullman SST, Inc.
 Project: Chapaton Basin and 9 Mile Emergency Bypass Sewer Structural Repairs
 Contract: Chapaton Basin and 9 Mile Emergency Bypass Sewer Structural Repairs

Owner's Project No.: WWS-2021-001
 Engineer's Project No.: 61-190017-10
 Contractor's Project No.: 600468

Application No.: 2 Application Period: From 06/01/21 to 07/27/21 Application Date: 07/27/21

A Bid Item No.	B Description	C Item Quantity	D Units	E Unit Price (\$)	F Value of Bid Item (C X E) (\$)	G Work Completed		I Materials Currently Stored (not in G) (\$)	J Work Completed and Materials Stored to Date (H + I) (\$)	K % of Value of Item (J / F) (%)	L Balance to Finish (F - J) (\$)
						Estimated Quantity Incorporated in the Work	Value of Work Completed to Date (E X G) (\$)				
Original Contract											
1	Mobilization / Demobilization	1	LS	36,800.00	36,800.00	70%	25,760.00		25,760.00	70%	11,040.00
2	Permits and Fees (Allowance)	5,000	DLR	1.00	5,000.00		-		-	0%	5,000.00
3	Videos - Surface Progress Videos	1	LS	8,890.00	8,890.00		-		-	0%	8,890.00
4	9 Mile Sewer Shallow Concrete Repairs	160	SF	130.00	20,800.00		-		-	0%	20,800.00
5	9 Mile Sewer Deep Concrete Repairs (3-inch depth)	710	SF	180.00	127,800.00		-		-	0%	127,800.00
6	9 Mile Sewer Fracture Repair	190	LF	58.00	11,020.00		-		-	0%	11,020.00
7	9 Mile Sewer Hole Repair	5	SF	1,500.00	7,500.00		-		-	0%	7,500.00
8	8-1/2 Mile Sewer Chemical Grouting	100	GAL	550.00	55,000.00		-		-	0%	55,000.00
9	8-1/2 Mile Sewer Deep Concrete Repair (3-inch depth)	40	SF	200.00	8,000.00		-		-	0%	8,000.00
10	Chapaton Basin Ceiling Shallow Concrete Repairs	90	SF	130.00	11,700.00	185.00	24,050.00		24,050.00	206%	(12,350.00)
11	Chapaton Basin Ceiling Deep Concrete Repairs (3-inch)	255	SF	175.00	44,625.00	77.00	13,475.00		13,475.00	30%	31,150.00
12	Chapaton Basin Ceiling Crack Repair	140	GAL	550.00	77,000.00	10.00	5,500.00		5,500.00	7%	71,500.00
13	Chapaton Basin Ceiling Column Haunch Repair	100	SF	205.00	20,500.00	50.00	10,250.00		10,250.00	50%	10,250.00
14	Chapaton Basin Ceiling Protective Coating	25,000	SF	4.80	120,000.00		-		-	0%	120,000.00
15	Chapaton Basin Floor/Walls Shallow Concrete Repair	25	SF	130.00	3,250.00	64.00	8,320.00		8,320.00	256%	(5,070.00)
16	Chapaton Basin Floor/Walls Deep Concrete Repair	25	SF	175.00	4,375.00	17.00	2,975.00		2,975.00	68%	1,400.00
17	Chapaton Basin Floor/Walls Crack Repair (Engineer Directed)	425	LF	60.00	25,500.00	185.00	11,100.00		11,100.00	44%	14,400.00
18	Cathodic Protection Anodes (Engineer Directed)	100	EA	75.00	7,500.00	28.00	2,100.00		2,100.00	28%	5,400.00
19	Chapaton Basin - Clean and Inspect isolated Trench Area	19	EA	760.00	14,440.00	19.00	14,440.00		14,440.00	100%	-
20	Chapaton Basin Joint Repair	250	LF	135.00	33,750.00	141.00	19,035.00		19,035.00	56%	14,715.00
21	Engineer Directed Leak Sealing, Basin and 9 Mile Sewer	100	GAL	550.00	55,000.00		-		-	0%	55,000.00
22	Engineer Directed Deep Concrete Repairs	100	SF	205.00	20,500.00		-		-	0%	20,500.00
23	1-Year Warranty Inspection	1	LS	18,000.00	18,000.00		-		-	0%	18,000.00
Original Contract Totals					\$ 736,950.00		\$ 137,005.00	\$ -	\$ 137,005.00	19%	\$ 599,945.00

Progress Estimate - Unit Price Work

Contractor's Application for Payment

Owner: 8-1/2 Mile Relief Drain Drainage Dist.
 Engineer: NTH Consultants, Ltd.
 Contractor: Pullman SST, Inc.
 Project: Chapaton Basin and 9 Mile Emergency Bypass Sewer Structural Repairs
 Contract: Chapaton Basin and 9 Mile Emergency Bypass Sewer Structural Repairs

Owner's Project No.: WWS-2021-001
 Engineer's Project No.: 61-190017-10
 Contractor's Project No.: 600468

Application No.: 2 Application Period: From 06/01/21 to 07/27/21 Application Date: 07/27/21

A	B	C	D	E	F	G	H	I	J	K	L	
Bid Item No.	Description	Contract Information				Work Completed		Materials Currently Stored (not in G) (\$)	Work Completed and Materials Stored to Date (H + I) (\$)	% of Value of Item (J / F) (%)	Balance to Finish (F - J) (\$)	
		Item Quantity	Units	Unit Price (\$)	Value of Bid Item (C X E) (\$)	Estimated Quantity Incorporated in the Work	Value of Work Completed to Date (E X G) (\$)					
Change Orders												
					-		-		-		-	
					-		-		-		-	
					-		-		-		-	
					-		-		-		-	
					-		-		-		-	
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					-		-		-		-	
					-		-		-		-	
Change Order Totals					\$	-	\$	-	\$	-	\$	
Original Contract and Change Orders												
Project Totals					\$	736,950.00	\$	137,005.00	\$	-	\$	137,005.00
										19%	\$	599,945.00

CONTRACTOR'S DECLARATION

(To be attached to the Contractor's periodic Request for Payment)

Project Name: Chapaton Basin and 9 Mile Emergency Bypass Sewer Structural Repairs _____

Contract No.: WWS-2021-001 _____

Contract Date: 3/19/21 _____

Contractor: Pullman SST, Inc. _____

Owner: **8-1/2 Mile Relief Drain Drainage District** _____

Certification Period (From the Date of the Contract to the Date of this Declaration) _____

6/01/21 - 7/27/21

I hereby certify that I have not, during the above noted certification period, performed any work, furnished any material, sustained any loss, damage or delay for any reason, including soil conditions encountered or created, or otherwise done anything for which I shall ask, demand, sue for, or claim compensation from the Owner or its agents, in addition to the regular items set forth in the above noted Contract (and executed Change Orders thereto) executed between the Contractor and the Owner, except as the Contractor hereby claim for additional compensation and/or extension of time as described in previously submitted claim letters to the Owner dated:

Pullman SST, Inc.
280 West Jefferson
Trenton, Michigan 48183

Attached Summary, Dated _____

(Contractor to check this box if no claim letters are submitted to date)

CONTRACTOR

By: James Travnik
(Authorized Signature)

Name: James Travnik
(Print Name)

Title: Project Manager

Date: 7/28/21

END OF SECTION 00 61 13.19

PARTIAL WAIVER OF LIEN

(To be submitted by the Contractor for all Sub-Contractors and Suppliers with the Contractor's periodic Request for Progress Payment)

To All Whom It May Concern:

WHEREAS, the undersigned has been engaged by (A) 8-1/2 Mile Relief Drain Drainage District to furnish labor and materials for (B) Chapaton Basin & 9 Mile Bypass Drain work, under a contract (C) WWS-2021-001 for the improvement at the project described as (D) Chapaton Basin and 9 Mile Emergency Bypass Sewer Structural Repairs in the Macomb (City, Township, Village) of County of Macomb, State of Michigan, of which 8-1/2 Mile Relief Drain Drainage District is the Owner.

NOW, THEREFORE, this 28th day of July, 2021, for and in consideration of the sum of (E) \$ 106,744.50 Dollars paid simultaneously herewith, the receipt whereof is hereby acknowledged by the undersigned, the undersigned does hereby waive and release to the extent only of the aforesaid amount, any lien rights to, or claim of lien with respect to and on said above-described project, and the improvements thereon, and on the monies or other considerations due or to become due from the owner, by virtue of said contract, on account of labor, services, materials, fixtures, apparatus or machinery furnished by the undersigned to or for the above-described project, but only to the extent of the payment aforesaid.

(F) Pullman SST, Inc. (SEAL)
(Name of the sole ownership, corporation or partnership)

(Affix corporate seal here)

James Travnik (SEAL)
(Signature)

TITLE: Project Manager

INSTRUCTIONS FOR PARTIAL WAIVER

- (A) Name person or firm with whom you agreed to furnish either labor, or services, or materials, or both.
- (B) Fill in nature and extent of work; strike the word labor or the word materials if not in your contract.
- (C) If you have more than one contract on the same premises, describe the contract by number if available, date and extent of work.
- (D) Furnish an accurate enough description of the improvement, and location of the project so that it can be distinguished from any other Contract.
- (E) Amount shown should be the amount actually received on that date.
- (F) If waiver is for the corporation, corporate name should be used, corporate seal affixed and title of officer signing waiver should be set forth; if waiver is for a partnership, the partnership name should be used, partner should sign and designate himself as partner.

END OF SECTION 00 62 90



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Michelle Houvener	95966	7/13/21
4. SET ID		5. POST DATE
VP210713MVA		

PARENT RECORD INFORMATION					
6. VENDOR NAME (Check to be issued to)	7. VENDOR NUMBER	8. ADDR CODE	9. Invoice No (MAX = 16 CHARACTERS)	10. Invoice Date	11. Invoice Amount
PVS Nolwood Chemicals	V65311	01	724132	7/8/2021	\$ 5,839.45

CHILD RECORD DETAIL INFORMATION											
Line	General Ledger		Job Ledger		16. Work Order Number	OPTIONAL	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC	22. Sep CK
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object		17. Secondary Reference (MAX = 16 CHARACTERS)					
A	8200017M	72650	CC0004	72650	WO18006	8 1/2 Mile Relief	Ship ID: 762561; Order 716730	\$ 5,839.45	GEN		
B											
C											
D											
E											
F											
G											

23. Total: \$ 5,839.45

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

25. Finance Officer: <u>BM/mh</u>	30. Drain: <u>8 1/2 Mile Relief</u>
26. Chief Deputy: _____	31. Project Balance: <u>N/A</u>
27. Engineers: _____	32. Staff Date: <u>8/3/2021</u>
28. Managers: _____	33. Board Date: <u>8/9/2021</u>
29. Coordinator: _____	34. Select For Pay Date: _____



PVS Nolwood Chemicals, Inc.

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

michelle.houvener@macombgov.org

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

INVOICE
 No. 724132

Ship ID: 762561	Load ID: 070821paul2	Payment Terms:	Net 30 Days
Sales Order:	716730	Freight Type:	Delivered
Customer PO:	chapaton	Ship Via:	pvsnw bulk
Invoice / Ship Date:	7/8/2021	Originating Warehouse:	HUBW

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	911.77	PVS N Sodium Hypochlorite 12.5% Bulk	39,480.00	3,909.70770	GA	1.46800	5,739.45
2	1.00	EA	1.00	Fuel Surcharge Bulk	1.00	1.00000	EA	100.00000	100.00

Please Pay This Amount
\$5,839.45

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

Our preferred method of payment is ACH/EFT.
 Please email corporatcredit@pvschemicals.com for more information.
 Please include a copy of this invoice with your request.



Mark A. Hackel
County Executive

ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Michelle Houvener	95966	7/8/21
4. SET ID		5. POST DATE
VP210709MA		

PARENT RECORD INFORMATION

6. VENDOR NAME (Check to be issued to)	7. VENDOR NUMBER	8. ADDR CODE	9. Invoice No (MAX = 16 CHARACTERS)	10. Invoice Date	11. Invoice Amount
TD Painting & Wallcovering	V77152	01	5195	7/7/2021	\$ 2,190.74

CHILD RECORD DETAIL INFORMATION

Line	General Ledger		Job Ledger		16. Work Order Number	OPTIONAL	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC	22. Sep CK
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object		17. Secondary Reference (MAX = 16 CHARACTERS)					
A	8200017M	93002	CC0004	93002	WO18006	8 1/2 Mile Relief	Generator Painting	\$ 1,298.31	GEN		
B	8200072M	93002				Martin	Blower Painting	\$ 892.43	GEN		0
C											
D											
E											
F											
G											

23. Total: \$ 2,190.74

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

25. Finance Officer:

BM/mh

30. Drain:

8 1/2 Mile Relief; Martin

26. Chief Deputy:

31. Project Balance:

N/A

27. Engineers:

32. Staff Date:

7/13/2021

28. Managers:

33. Board Date:

8/9/2021

29. Coordinator:

34. Select For Pay Date:



Invoice #5195

BILL TO:
 Robert Bugamelli
 Macomb Public Works

INVOICE DATE	PLEASE PAY	DUE DATE
7/7/2021	\$2,190.74	8/6/2021

JOB:
 Macomb Public Works Equipment
 23001 East 9 Mile Road
 St. Clair Shores MI 48080

Description	Hrs/Qty	Rate/Price	Subtotal
Painting Blower 100% completed <i>Martin</i>	1	\$892.43	\$892.43
Paint Generator 100% completed <i>- 8 1/2 Mile</i>	1	\$1,298.31	\$1,298.31
		Subtotal:	\$2,190.74
		Taxes:	\$0.00
		Credit:	\$0.00
		TOTAL:	\$2,190.74

COMMENTS/SPECIAL INSTRUCTIONS



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Michelle Houvener	95966	7/27/21
4. SET ID		5. POST DATE
VP210727MB		

PARENT RECORD INFORMATION					
6. VENDOR NAME (Check to be issued to)	7. VENDOR NUMBER	8. ADDR CODE	9. Invoice No (MAX = 16 CHARACTERS)	10. Invoice Date	11. Invoice Amount
Tri-County Aquatics, Inc.	V082287	02	5650	7/24/2021	\$ 2,480.00

CHILD RECORD DETAIL INFORMATION											
Line	General Ledger		Job Ledger		16. Work Order Number	OPTIONAL	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC	22. Sep CK
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object		17. Secondary Reference (MAX = 16 CHARACTERS)					
A	8200017M	93001	CC0004	93001	WO18006	8 1/2 Mile Relief	PW000159; Vegetation Spraying	\$ 2,280.00	GEN		
B	8200017M	96901	CC0004	96901	WO18006	8 1/2 Mile Relief	PW000159; E.G.L.E. Permit	\$ 200.00	GEN		0
C											
D											
E											
F											
G											

23. Total: \$ 2,480.00

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

25. Finance Officer: <u>BM/mh</u> 26. Chief Deputy: _____ 27. Engineers: _____ 28. Managers: _____ 29. Coordinator: _____	30. Drain: <u>8 1/2 Mile Relief</u> 31. Project Balance: <u>N/A</u> 32. Staff Date: <u>8/3/2021</u> 33. Board Date: <u>8/9/2021</u> 34. Select For Pay Date: _____
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INVOICE #5650

PW000159

ISSUED:
07/24/2021

DUE:
08/23/2021

RECIPIENT:

Macomb County Chapaton Pump Station

23001 East 9 Mile Road
St. Clair Shores, Michigan 48080

SENDER:

V082287

Tri-County Aquatics, Inc.

P.O. Box 173 - Washington, MI 48094

Phone: 586-786-6234

Email: tricountyaquatics@gmail.com

Website: www.TriCountyAquatics.com

For Services Rendered

PRODUCT / SERVICE	DESCRIPTION	QTY.	UNIT PRICE	TOTAL
07/23/2021				
Vegetation Spraying Services	<p>Tri-County Aquatics will spray the designated areas of Chapaton Pump Station located at 23001 E. 9 Mile Road in S.C.S. Michigan for the control of woody vegetation and nuisance weeds within the discharge holding area, boat launch fence area and along the Rip-Rap that lines the county property that extends out into Lake St. Clair.</p> <p>A combination of state approved herbicides and adjuvants will be applied to kill and control nuisance weeds and woody vegetation. All products used are State of Michigan approved for aquatic sites such as this.</p> <p>Application of the above listed materials to the target vegetation will be applied via motorized spray system and applied from a UTV, by hand.</p> <p>The total treatment area is approximately 1.9 surface acres of area.</p>	1.9	\$1,200.00	\$2,280.00*
E.G.L.E. Permit Application & Fee	<p>The treatment of this site will require a Permit that is issued by the state of Michigan Department of E.G.L.E.</p> <p>The permit application and all reporting will be filed and completed by Tri-County Aquatics for a fee set forth by the State of Michigan, which is dependent upon the size of the treatment area.</p>	1	\$200.00	\$200.00*



INVOICE #5650

ISSUED:
07/24/2021

DUE:
08/23/2021

Total	\$2,480.00
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* Non-taxable

A 5% late fee will be added to all past due balances.

Please contact us with any questions regarding this invoice.

Thank you for your business!

PURCHASE ORDER NO.

PW000159

PURCHASE ORDER NUMBER MUST
APPEAR ON ALL INVOICES AND SHIPPING
DOCUMENTS.

Vendor: **V082287**
TRI COUNTY AQUATICS INC

58145 CARBINE
WASHINGTON, MI 48094

Ship To: **DPWK**
PUBLIC WORKS OFFICE
CHAPATON PUMP STATION
23001 9 MILE ROAD
SAINT CLAIR SHORES MI 48080

Requested by: Michelle Houvener

Req. Dt: 04/27/2021

ITEMS

ITEM #	ORGKEY	OBJECT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED PRICE
0001	8200017M	93001		1.00		2,280.00	2,280.00
			Vegetation Spraying Services				
0002	8200017M	96901		1.00		200.00	200.00
			E.G.L.E. Permit				
0003	8200017M	93001		1.00		0.00	0.00
			Per Estimate #643				

TOTAL \$2,480.00

BILL TO:

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

Bruce Manning/mh

AUTHORIZED AGENT

Print Date: 04/27/2021



ESTIMATE #643

V082287

SENT ON:
04/21/2021

PW000159

RECIPIENT:

Macomb County Chapaton Pump Station

23001 East 9 Mile Road
St. Clair Shores, Michigan 48080

SENDER:

Tri-County Aquatics, Inc.

P.O. Box 173 - Washington, MI 48094

Phone: 586-786-6234
Email: tricountyaquatics@gmail.com
Website: www.TriCountyAquatics.com

PRODUCT / SERVICE	DESCRIPTION	QTY.	UNIT COST	TOTAL
Vegetation Spraying Services	<p>Tri-County Aquatics will spray the designated areas of Chapaton Pump Station located at 23001 E. 9 Mile Road in S.C.S. Michigan for the control of woody vegetation and nuisance weeds within the discharge holding area, boat launch fence area and along the Rip-Rap that lines the county property that extends out into Lake St. Clair.</p> <p>A combination of state approved herbicides and adjuvants will be applied to kill and control nuisance weeds and woody vegetation. All products used are State of Michigan approved for aquatic sites such as this.</p> <p>Application of the above listed materials to the target vegetation will be applied via motorized spray system and applied from a UTV, by hand.</p> <p>The total treatment area is approximately 1.9 surface acres of area.</p>	1.9	\$1,200.00	\$2,280.00*
E.G.L.E. Permit Application & Fee	<p>The treatment of this site will require a Permit that is issued by the state of Michigan Department of E.G.L.E.</p> <p>The permit application and all reporting will be filed and completed by Tri-County Aquatics for a fee set forth by the State of Michigan, which is dependent upon the size of the treatment area.</p>	1	\$200.00	\$200.00*



ESTIMATE #643

SENT ON:

04/21/2021

Total

\$2,480.00



Mark A. Hackel
County Executive

ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Michelle Houvener	95966	7/23/21
4. SET ID		5. POST DATE
VP210727MB		

PARENT RECORD INFORMATION					
6. VENDOR NAME (Check to be issued to)	7. VENDOR NUMBER	8. ADDR CODE	9. Invoice No (MAX = 16 CHARACTERS)	10. Invoice Date	11. Invoice Amount
Wade Trim	V09446	02	2021472	7/21/2021	\$ 841.02

CHILD RECORD DETAIL INFORMATION											
Line	General Ledger		Job Ledger		16. Work Order Number	OPTIONAL	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC	22. Sep CK
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object		17. Secondary Reference (MAX = 16 CHARACTERS)					
A	8200017M	80138	CC0004	80138	WO19073	8 1/2 Mile Relief	Pjt #MCW200601T, 6/19-7/16	\$ 841.02	GEN		
B											
C											
D											
E											
F											
G											

23. Total: \$ 841.02

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

Chapaton RTB Disinfection Improvements

<p>25. Finance Officer: <u>BM/mh</u></p> <p>26. Chief Deputy: _____</p> <p>27. Engineers: _____</p> <p>28. Managers: _____</p> <p>29. Coordinator: _____</p>	<p>30. Drain: <u>8 1/2 Mile Relief</u></p> <p>31. Project Balance: <u>\$57,789.44</u></p> <p>32. Staff Date: <u>8/3/2021</u></p> <p>33. Board Date: <u>8/9/2021</u></p> <p>34. Select For Pay Date: _____</p>
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**MACOMB COUNTY PUBLIC WORKS OFFICE
CONSULTANT INVOICE COVER SHEET**

WORK ORDER NUMBER 19073

PROJECT NUMBER WWS-2019-017

PROJECT NAME Chapaton RTB Disinfection Improvements

DRAINAGE DISTRICT Eight and One-Half Mile

CONSULTANT NAME Wade Trim Associates, Inc.

INVOICE DATE 7/21/2021

INVOICE START DATE 6/19/2021

INVOICE END DATE 7/16/2021

ORIGINAL CONTRACT AMOUNT			\$ 107,780.00
CHANGE ORDER TOTAL			\$ 74,917.50
Change Order No. 1	Date Executed:	9/21/2020	\$ 74,917.50
Change Order No. 2	Date Executed:		
Change Order No. 3	Date Executed:		
Change Order No. 4	Date Executed:		
TOTAL REVISED CONTRACT AMOUNT			\$ 182,697.50
(includes all approved change orders only)			
TOTAL AMOUNT PREVIOUSLY INVOICED			\$ 127,067.04
TOTAL AMOUNT DUE THIS INVOICE			\$ 841.02
TOTAL BUDGET REMAINING			\$ 54,789.44
(Includes Total Revised Contract Amount Less Total Invoiced Previously and Total Invoiced Current)			



WADE TRIM

25251 Northline Road • Taylor, MI 48180
734.947.9700 • www.wadetrim.com

INVOICE

Terms: Net 30 Days
1.5% Per Month After 30 Days
18% Annual Rate

ACH payments accepted. Send inquiries to remit@wadetrim.com

Remit Payment To: Wade Trim, 25251 Northline Road, Taylor, MI 48180

Attention: Vince Astorino
Operations and Flow Manager
Macomb County Public Works
21777 Dunham Road
Clinton Township, MI 48036

Invoice : 2021472
Invoice Date : 7/21/2021
Project : MCW200601T
Project Name : Chapaton RTB Disinfection
Improvements

For Professional Services Rendered For 6/19/2021 Through 7/16/2021

		<u>Billings</u>				
		<u>Fee</u>	<u>Available</u>	<u>To Date</u>	<u>Previous</u>	<u>Current</u>
<i>Rate Labor</i>	806.25	182,697.50	55,630.46	127,908.06	127,067.04	841.02
<i>Unit Rate Expense</i>	34.77					
					Current Billings	<u>841.02</u>
					Amount Due This Bill	<u>841.02</u>

Total Fee : 182,697.50
To Date Billings : 127,908.06
Total Remaining : 54,789.44

Outstanding Receivables	<u>Invoice Number</u>	<u>Date</u>	<u>Amount</u>	<u>Balance Due</u>
	2021248	6/24/2021	1,507.07	<u>1,507.07</u>
				1,507.07

700 - CEI Services - Construction Phase

Rate Labor				
<i>Class / Employee</i>	<i>Date</i>	<i>Hours</i>	<i>Rate</i>	<i>Amount</i>
Engineer II				
Jason Obrycki-Smith	6/24/2021	2.00	105.0000	210.00
Senior Professional				
John Arvai	6/24/2021	2.00	265.0000	530.00
	6/29/2021	0.25	265.0000	66.25
Total Senior Professional		2.25		596.25
Total Rate Labor				806.25
Total Bill Task: 700 - CEI Services - Construction Phase				806.25

800 - Expenses - Construction Phase

Unit Rate Expenses				
<i>Account / Unit / Vendor</i>	<i>Quantity</i>	<i>Rate</i>	<i>Amount</i>	
Employee Mileage - Regular Rate				
Employee Mileage				
John Arvai	61.00	0.5700		34.77
Total Unit Rate Expenses				34.77

Total Project: MCW200601T - Chapaton RTB Disinfection Improvements 841.02

Work Description: Project management and administration. Prepared monthly invoice and progress report. Review of contractor pay application. On site walkthrough for punch list development.



Mark A. Hackel
County Executive

ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Michelle Houvener	95966	8/2/21
4. SET ID		5. POST DATE
VP210802MA		

PARENT RECORD INFORMATION					
6. VENDOR NAME (Check to be issued to)	7. VENDOR NUMBER	8. ADDR CODE	9. Invoice No (MAX = 16 CHARACTERS)	10. Invoice Date	11. Invoice Amount
Weiss Construction	V081320	01	PAY EST #8	7/28/2021	\$ 24,728.40

CHILD RECORD DETAIL INFORMATION											
Line	General Ledger		Job Ledger		16. Work Order Number	OPTIONAL	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC	22. Sep CK
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object		17. Secondary Reference (MAX = 16 CHARACTERS)					
A	8200017M	80126	CC0004	80126	WO19073	8 1/2 Mile Relief	Pay Est #8, 7/1-7/31	\$ 20,925.00	GEN		
B	8200072M	80126			WO19074	Martin	Pay Est #8, 7/1-7/31	\$ 3,803.40	GEN		0
C											
D											
E											
F											
G											

23. Total: \$ 24,728.40

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

Record retainage (WO19073) \$2325.00 for total retainage of \$75,908.01. Record retainage (WO19074) \$422.60 for total retainage of \$18166.41

<p>25. Finance Officer: <u>BM/mh</u></p> <p>26. Chief Deputy: _____</p> <p>27. Engineers: _____</p> <p>28. Managers: _____</p> <p>29. Coordinator: _____</p>	<p>30. Drain: <u>8 1/2 Mile; Martin</u></p> <p>31. Project Balance: <u>\$111,584.42</u></p> <p>32. Staff Date: <u>8/3/2021</u></p> <p>33. Board Date: <u>8/9/2021</u></p> <p>34. Select For Pay Date: _____</p>
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**MACOMB COUNTY PUBLIC WORKS OFFICE
CONTRACTOR INVOICE COVER SHEET**

WORK ORDER NUMBER WO19073

PROJECT NUMBER WWS-2020-09

PROJECT NAME Chapaton RTB & Martin RTB Disinfection Improvements

DRAINAGE DISTRICT 8 1/2 Mile Relief Drain Drainage Distric

CONTRACTOR NAME Weiss Construction LLC

INVOICE DATE July 28, 2021

INVOICE START DATE July 1, 2021

INVOICE END DATE July 31, 2021

ORIGINAL CONTRACT AMOUNT			\$ 995,925.00
CHANGE ORDER TOTAL			
			\$ (37,670.85)
Change Order No. 1	Date Executed:	12/21/2021	\$ (16,337.83)
Change Order No. 2	Date Executed:	4/28/2021	\$ (21,333.02)
Change Order No. 3	Date Executed:		
Change Order No. 4	Date Executed:		
TOTAL REVISED CONTRACT AMOUNT			\$ 958,254.15
(includes all approved change orders only)			
TOTAL AMOUNT PREVIOUSLY INVOICED			\$ 821,941.33
TOTAL AMOUNT DUE THIS INVOICE			\$ 24,728.40
TOTAL BUDGET REMAINING			\$ 111,584.42
(Includes Total Revised Contract Amount Less Total Invoiced Previously and Total Invoiced Current)			

WEISS CONSTRUCTION COST BREAKDOWN

Chapaton & Martin Disinfection Project

	Chapaton (WO19073)	Martin (WO19074)	Total
CONTRACT TOTAL			
Original Contract Prices:	\$806,425.00	\$189,500.00	\$995,925.00
CO#1:	-\$12,253.37	-\$4,084.46	-\$16,337.83
CO#2:	-\$24,572.57	\$3,239.55	-\$21,333.02
CO#3:	-	-	\$0.00
CO#4:	-	-	\$0.00
Total with all CO's	\$769,599.06	\$188,655.09	\$958,254.15
PAYMENTS			
Pay App No 1	\$17,645.40	\$4,381.20	\$22,026.60
Pay App No 2	\$23,625.00	\$1,426.50	\$25,051.50
Pay App No 3	\$52,189.20	\$20,204.10	\$72,393.30
Pay App No 4	\$280,029.78	\$51,116.40	\$331,146.18
Pay App No 5	\$214,713.27	\$1,426.50	\$216,139.77
Pay App No 6	\$57,237.93	\$39,988.16	\$97,226.09
Pay App No 7	\$16,806.48	\$41,151.42	\$57,957.89
Pay App No 8	\$20,925.00	\$3,803.40	\$24,728.40
Pay App No 9			
Total all Pay Apps:	\$683,172.06	\$163,497.68	\$846,669.74
SUMMARY			
Total Retained:	\$75,908.01	\$18,166.41	\$94,074.42
Total Work to Date:	\$759,080.06	\$181,664.09	\$940,744.15
Balance to Finish (incl. Ret)	\$10,519.00	\$6,991.00	\$17,510.00

Pay apps will show this value
SW to provide district totals

Contractor's Application for Payment

Owner: <u>Macomb County Public Works</u>	Owner's Project No.: <u>WWS-2020-09</u>
Engineer: <u>Wade Trim Associates</u>	Engineer's Project No.: <u>Mcw 2006-01T</u>
Contractor: <u>Weiss Construction</u>	Contractor's Project No.: <u>2020-07</u>
Project: <u>Chapaton RTB and Martin RTB Disinfection Improvements</u>	
Contract: <u>WWS-2020-09</u>	
Application No.: <u>8</u>	Application Date: <u>7/28/2021</u>
Application Period: From <u>7/1/2021</u> to <u>7/31/2021</u>	

1. Original Contract Price	\$ 995,925.00
2. Net change by Change Orders	\$ (37,670.85)
3. Current Contract Price (Line 1 + Line 2)	\$ 958,254.15
4. Total Work completed and materials stored to date (Sum of Column G Lump Sum Total and Column J Unit Price Total)	\$ 940,744.15
5. Retainage	
a. <u>10%</u> X \$ <u>940,744.15</u> Work Completed	\$ 94,074.42
b. _____ X \$ _____ Stored Materials	\$ -
c. Total Retainage (Line 5.a + Line 5.b)	\$ 94,074.42
6. Amount eligible to date (Line 4 - Line 5.c)	\$ 846,669.73
7. Less previous payments (Line 6 from prior application)	\$ 821,941.33
8. Amount due this application	\$ 24,728.40 ✓
9. Balance to finish, including retainage (Line 3 - Line 4)	\$ 17,510.00

Contractor's Certification

The undersigned Contractor certifies, to the best of its knowledge, the following:

(1) All previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with the Work covered by prior Applications for Payment;

(2) Title to all Work, materials and equipment incorporated in said Work, or otherwise listed in or covered by this Application for Payment, will pass to Owner at time of payment free and clear of all liens, security interests, and encumbrances (except such as are covered by a bond acceptable to Owner indemnifying Owner against any such liens, security interest, or encumbrances); and

(3) All the Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

W019073 \$2325⁰⁰ retainage W019074 \$422.60 retainage

Contractor: Weiss Construction - Josh Wittenbach

Signature: Josh Wittenbach Digitally signed by Josh Wittenbach
DN: cn=US,
e=jwittenbach@weiss-construction.com,
o=Weiss Construction Co., ou=Project
Manager, cn=Josh Wittenbach
Date: 2021.07.28 16:17:00 -0400 **Date:** 7/28/2021

<p>Recommended by Engineer</p> <p>By: _____</p> <p>Title: _____</p> <p>Date: _____</p> <p>Approved by Funding Agency</p> <p>By: _____</p> <p>Title: _____</p> <p>Date: _____</p>	<p>Approved by Owner</p> <p>By: _____</p> <p>Title: _____</p> <p>Date: _____</p> <p>By: _____</p> <p>Title: _____</p> <p>Date: _____</p>
--	---

Progress Estimate - Lump Sum

Contractor's Application for Payment

Owner:	Macomb County Public Works	Owner's Project No.:	WWS-2020-
Engineer:	Wade Trim Associates	Engineer's Project No.:	Mcw 2006-
Contractor:	Weiss Construction	Contractor's Project No.:	2020-07
Project:	Chapaton RTB and Martin RTB Disinfection Improvements		
Contract:	WWS-2020-09		

Application 8 Application Period: From 07/01/21 to 07/31/21 Application Date: 07/28/21

A	B	C	D	E	F	G	H	I
Item No.	Description	Scheduled Value (\$)	Work Completed		Materials Currently Stored (not in D or E) (\$)	Work Completed and Materials Stored to	% of Scheduled Value (G / C) (%)	Balance to Finish (C - G) (\$)
			(D + E) From Previous Application (\$)	This Period (\$)				
Original Contract								
01	GENERAL CONDITIONS - CHAPATON	\$81,000.00	54,000.00	18,000.00		72,000.00	89%	9,000.00
02	GENERAL CONDITIONS - MARTIN	\$19,020.00	12,680.00	4,226.00		16,906.00	89%	2,114.00
03	PROCURE - PIPE MATERIALS	\$16,088.00	16,088.00	-		16,088.00	100%	-
04	PROCURE - PIPE MATERIALS (BASIN)	\$114,000.00	114,000.00	-		114,000.00	100%	-
05	PROCURE - AIR COMPRESSOR	\$12,500.00	12,500.00	-		12,500.00	100%	-
06	CHAPATON MOBILIZATION	\$19,500.00	19,500.00	-		19,500.00	100%	-
07	CHAPATON BYPASS PIPING	\$9,500.00	9,500.00	-		9,500.00	100%	-
08	DEMO CHAPATON PUMP ROOM	\$5,025.00	5,025.00	-		5,025.00	100%	-
09	INSTALL CHAPATON PUMP ROOM	\$18,500.00	18,500.00	-		18,500.00	100%	-
10	DEMO CHAPATON PUMP ROOM	\$21,000.00	21,000.00	-		21,000.00	100%	-
11	INSTALL NEW PUMP PADS IN	\$19,000.00	19,000.00	-		19,000.00	100%	-
12	DEMO CHAPATON TANK ROOM PUMPS	\$3,850.00	3,850.00	-		3,850.00	100%	-
13	INSTALL CHAPATON TANK ROOM	\$13,800.00	13,800.00	-		13,800.00	100%	-
14	FURNISH & INSTALL CHAPATON TANK	\$17,625.00	17,625.00	-		17,625.00	100%	-
15	DEMO & INSTALL NEW AIR	\$8,500.00	8,500.00	-		8,500.00	100%	-
16	CHAPATON ROOM FINISHES	\$5,250.00	-	5,250.00		5,250.00	100%	-
17	FURNISH & INSTALL CHAPATON VFD'S	\$65,100.00	65,100.00	-		65,100.00	100%	-
18	FURNISH & INSTALL CHAP. MAGNETIC F	\$28,350.00	28,350.00	-		28,350.00	100%	-
19	FURNISH & INSTALL CHAP. ELECT. COND	\$57,062.00	57,062.00	-		57,062.00	100%	-
20	CHAPATON O&M MANUALS	\$2,625.00	-	-		-	0%	2,625.00

Progress Estimate - Lump Sum

Contractor's Application for Payment

Owner:	Macomb County Public Works	Owner's Project No.:	WWS-2020-
Engineer:	Wade Trim Associates	Engineer's Project No.:	Mcw 2006-
Contractor:	Weiss Construction	Contractor's Project No.:	2020-07
Project:	Chapaton RTB and Martin RTB Disinfection Improvements		
Contract:	WWS-2020-09		

Application 8 **Application Period:** From 07/01/21 to 07/31/21 **Application Date:** 07/28/21

A	B	C	D		E	F	G	H	I
Item No.	Description	Scheduled Value (\$)	Work Completed		Materials Currently Stored (not in D or E) (\$)	Work Completed and Materials Stored to	% of Scheduled Value (G / C) (%)	Balance to Finish (C - G) (\$)	
			(D + E) From Previous Application (\$)	This Period (\$)					
21	CHAPATON TRAINING	\$2,100.00	2,100.00	-		2,100.00	100%	-	
22	CHAPATON START-UP	\$8,925.00	8,925.00	-		8,925.00	100%	-	
23	INSTALL CHEMICAL LINES IN BASIN	\$76,750.00	76,750.00	-		76,750.00	100%	-	
24	INSTALL CHEMICAL LINES FOR 9 MILE	\$51,250.00	51,250.00	-		51,250.00	100%	-	
25	INSTALL SAMPLE LINES IN BASIN	\$75,750.00	75,750.00	-		75,750.00	100%	-	
26	TEST & PUT CHAPATON BASIN PIPING	\$5,150.00	5,150.00	-		5,150.00	100%	-	
27	DEMO EXISTING PIPING IN BASIN	\$61,500.00	61,500.00	-		61,500.00	100%	-	
28	PROCURE - MARTIN PIPE MATERIALS	\$15,285.00	15,285.00	-		15,285.00	100%	-	
29	MARTIN MOBILIZATION	\$5,000.00	5,000.00	-		5,000.00	100%	-	
30	MARTIN BYPASS PIPING	\$3,100.00	3,100.00	-		3,100.00	100%	-	
31	DEMO MARTIN HYDROCHLORITE	\$2,950.00	2,950.00	-		2,950.00	100%	-	
32	INSTALL MARTIN HYDROCHLORITE	\$29,350.00	29,350.00	-		29,350.00	100%	-	
33	DEMO MARTIN HYDROCHLORITE	\$2,950.00	2,950.00	-		2,950.00	100%	-	
34	INSTALL MARTIN HYDROCHLORITE	\$29,350.00	29,350.00	-		29,350.00	100%	-	

Progress Estimate - Lump Sum

Contractor's Application for Payment

Owner:	Macomb County Public Works	Owner's Project No.:	WWS-2020-
Engineer:	Wade Trim Associates	Engineer's Project No.:	Mcw 2006-
Contractor:	Weiss Construction	Contractor's Project No.:	2020-07
Project:	Chapaton RTB and Martin RTB Disinfection Improvements		
Contract:	WWS-2020-09		

Application 8 **Application Period:** From 07/01/21 to 07/31/21 **Application Date:** 07/28/21

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			(D + E) From Previous Application (\$)	This Period (\$)					
35	REMOVE & INSTALL MARTIN	\$3,395.00	3,395.00	-		3,395.00	100%	-	
36	DEMO MARTIN PUMPS & PADS	\$3,900.00	3,900.00	-		3,900.00	100%	-	
37	INSTALL MARTIN PUMP PADS	\$4,400.00	4,400.00	-		4,400.00	100%	-	
38	FURNISH & INSTALL MARTIN VFD'S	\$27,300.00	27,300.00	-		27,300.00	100%	-	
39	FURNISH & INSTALL MARTIN	\$12,600.00	12,600.00	-		12,600.00	100%	-	
40	FURNISH & INSTALL MARTIN ELEC.	\$17,500.00	17,500.00	-		17,500.00	100%	-	
41	MARTIN O&M MANUALS	\$1,575.00	-	-		-	0%	1,575.00	
42	MARTIN TRAINING	\$2,100.00	2,100.00	-		2,100.00	100%	-	
43	MARTIN START-UP	\$4,725.00	4,725.00	-		4,725.00	100%	-	
44	ROOFING ALLOWANCE - CHAPATON	\$1,725.00	1,725.00	-		1,725.00	100%	-	
45	PERMIT ALLOWANCE - CHAPATON	\$5,000.00	6,106.00	-		6,106.00	122%	(1,106.00)	
46	PERMIT ALLOWANCE - MARTIN	\$5,000.00	1,698.00	-		1,698.00	34%	3,302.00	
Original Contract Totals		\$995,925.00	\$950,939.00	\$27,476.00	\$ -	\$978,415.00	98%	\$17,510.00	

Progress Estimate - Lump Sum

Contractor's Application for Payment

Owner:	Macomb County Public Works	Owner's Project No.:	WWS-2020-
Engineer:	Wade Trim Associates	Engineer's Project No.:	Mcw 2006-
Contractor:	Weiss Construction	Contractor's Project No.:	2020-07
Project:	Chapaton RTB and Martin RTB Disinfection Improvements		
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Application 8 **Application Period:** From 07/01/21 to 07/31/21 **Application Date:** 07/28/21

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			(D + E) From Previous Application (\$)	This Period (\$)				
Change Order Totals		\$(37,670.85)	\$(37,670.85)	\$ -	\$ -	\$(37,670.85)	100%	\$ -
Original Contract and Change Orders								
Project Totals		\$958,254.15	\$913,268.15	\$ 27,476.00	\$ -	\$940,744.15	98%	\$ 17,510.00

CONTRACTOR'S DECLARATION
(To be attached to the Contractor's periodic Request for Payment)

Project Name: Chapaton RTB and Martin RTB Disinfection Improvements

Contract No.: WWS-2020-009

Contract Date: 10/21/2020

Contractor: Weiss Construction, LLC

Owner: 8 1/2 Mile Relief Drain Drainage District

Certification Period (From the Date of the Contract to the Date of this Declaration) _____
October 12, 2020 - July 28, 2021

I hereby certify that I have not, during the above noted certification period, performed any work, furnished any material, sustained any loss, damage or delay for any reason, including soil conditions encountered or created, or otherwise done anything for which I shall ask, demand, sue for, or claim compensation from the Owner or its agents, in addition to the regular items set forth in the above noted Contract (and executed Change Orders thereto) executed between the Contractor and the Owner, except as the Contractor hereby claim for additional compensation and/or extension of time as described in previously submitted claim letters to the Owner dated:

Josh Wittenbach

Digitally signed by Josh Wittenbach
DN: C=US,
E=jwittenbach@weiss-construction.com,
O="Weiss Construction Co.", OU=Project
Manager, CN=Josh Wittenbach
Date: 2021.07.29 15:10:30-04'00'

Attached Summary, Dated _____

(Contractor to check this box if no claim letters are submitted to date)

CONTRACTOR

By: _____
(Authorized Signature)

Name: _____
(Print Name)

Title: _____

Date: _____

END OF SECTION 00 61 13.1

Budget to Actual
8.5 Mile Relief
As of July 31, 2021 = 83%

DESCRIPTION	2021 FINAL BUDGET	ENCUMBERED	ACTUAL	REMAINING BUDGET	PCT UTILIZED
REVENUE ACCOUNTS					
Interest Earned	175,000		13,848	161,152	7.9%
Other Revenue	4,000		1,463	2,537	36.6%
8.5 O&M/Charge Required Revenue	4,509,865		4,509,865	-	100.0%
PY Revenue-Fund Balance	4,522,050			4,522,050	0.0%
Rental Fee	16,460		-	16,460	0.0%
<i>Total Revenue Accounts</i>	9,227,375	-	4,525,176	4,702,199	49.0%
EXPENSE ACCOUNTS					
Application/Permit Fee	6,000		6,000	-	100.0%
Dues, Training, Conf, Subs.	12,850		10,244	2,606	79.7%
Engineering					
Flushing systems replacement-Design	1,328,480			1,328,480	0.0%
Basin Structural Repairs-Design & Construction	750,000			750,000	0.0%
Equipment Hatch crane replacement	100,000		23,540	76,460	23.5%
9 Mile Bypass Pipe Structural Repairs	500,000		41,150	458,850	8.2%
As needed Engineering	87,810		53,841	33,969	61.3%
Chapaton Improvements-Office Space	820,000		686,462	133,538	83.7%
Disinfection system upgrade (Design and Construction)	901,625		748,986	152,639	83.1%
Chapaton Improvements-Lab Relocation	166,910			166,910	0.0%
In-System Storage-Construction & Const Admin	2,250,000		530,620	1,719,380	23.6%
9 Mile Bypass Design	44,165			44,165	0.0%
New Equipment ⁽¹⁾	15,500		22,032	(6,532)	142.1%
Office Supplies	750		180	570	24.0%
Operating Supplies	63,700		36,481	27,219	57.3%
Other Professional Svcs	46,700		18,177	28,523	38.9%
Personnel Services	1,061,320		539,054	522,266	50.8%
Repair & Maintenance	161,000		136,531	24,469	84.8%
Pumping and screening improvements	211,540		200,070	11,470	94.6%
SRF Replacement Reserve	259,215		259,215	-	100.0%
Scada System	165,710		88,287	77,423	53.3%
Utilities	274,100		210,123	63,977	76.7%
<i>Total Expense Accounts</i>	9,227,375	-	3,610,993	5,616,382	39.1%

	O&M Balance 9/30/2020	O&M	Total 7/31/2021
Cash - Operating	12,629,705	914,183	13,543,888
Accounts Receivable			0
Assets			0
Liabilities			0
Revenues		4,525,176	4,525,176
Expenditures		3,610,993	3,610,993
			0
Equity*	12,629,705		13,543,888

Detail of 2020 Equity*

Disinfection system upgrade (Design and Construction)	832,752	Pumping and screening improve	319,594
Chapaton Improvements-Office Space/HVAC	736,909	SCADA Reserve	84,385
Chapaton Improvements-Lab Relocation	250,000	Capital Reserve	1,118,359
LSCWWI 04B Transfer	738,112	PLC Replacements at Chapaton Ea:	40,000
Project Contribution from Macomb Cty	2,000,000	As Needed Engineering	88,981
In System Contribution from SEMSD	1,000,000	Design 9 Mile Bypass	27,283
Expansion Contribution From State	975,109	Flushing Study	75,000
In-System Storage Design/Const Admin/Const	2,250,000	Pickup Truck ⁽¹⁾	19,500
SRF Replacement Reserve	2,073,720		