

EIGHT AND ONE-HALF MILE RELIEF DRAIN  
INTRA-COUNTY DRAINAGE BOARD  
APRIL 11, 2022  
10:15 A.M.  
AGENDA

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

**Call in Number: 1-470-241-5845  
Access Code: 912 949 977**

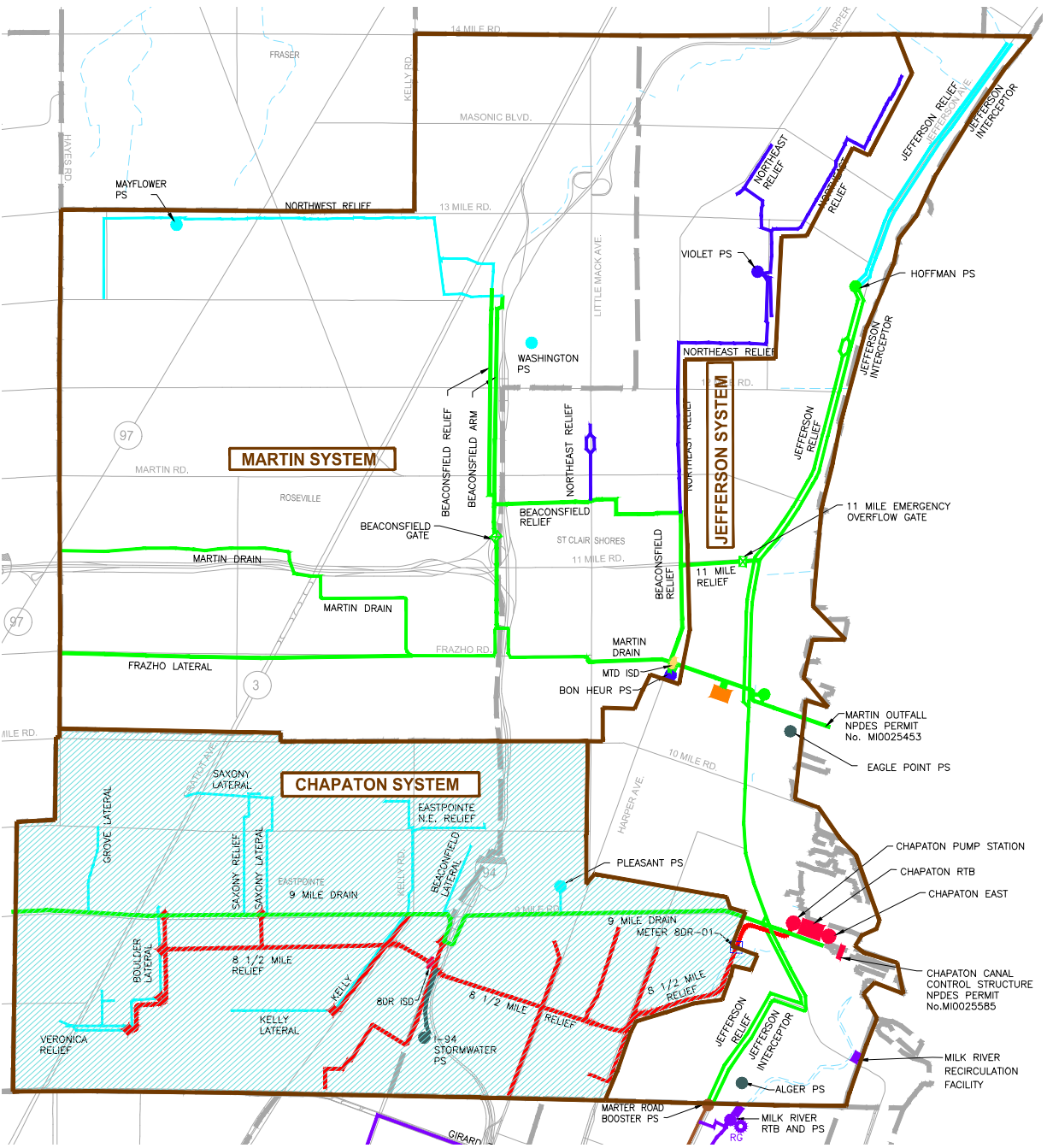
|  | Page |
|--|------|
| 1. Call of meeting to order and roll call  |      |
| 2. Approval of Agenda for April 11, 2022   |      |
| 3. Approval of Minutes for March 14, 2022  | 3    |
| 4. Public Participation  |      |
| 5. News Articles – Combined Sewer Overflows  | 6    |
| 6. Projects & Operations Update – Vincent Astorino   | 13   |
| 7. Insurance Policy Renewals – Bruce Manning/Stephen Saph  | 24   |
| Motion: To approve the Chapter 20 General Liability Insurance coverage renewal with Argonaut Insurance Company in the amount of \$210,613 (8 ½ Mile share \$10,913.97) |      |
| 8. Consideration for approval of invoices (see attached)   | 41   |
| 9. Financial Report – Bruce Manning  | 119  |
| 10. Adjourn  |      |

Hard copy is intended to be 8.5"x11" when plotted. Scale(s) indicated and graphic quality may not be accurate for any other size.

# CHAPATON SYSTEM MAP

Macomb County, MI

## Southeast Macomb Sanitary District Wastewater Master Plan



### SYSTEM LEGEND

(AS OF DATE OF PUBLICATION)

- SYSTEM BOUNDARY

### DISTRICT LEGEND

(AS OF DATE OF PUBLICATION)

- 8 1/2 MILE RELIEF DRAIN DRAINAGE DISTRICT
- SOUTHEAST MACOMB COUNTY WASTEWATER DISPOSAL SYSTEM
- MARTIN SANITARY DIVERSION DISTRICT
- SOUTHEAST MACOMB SANITARY DISTRICT
- NORTHEAST SEWAGE DISPOSAL SYSTEM
- MILK RIVER INTERCOUNTY DRAIN DRAINAGE DISTRICT
- LOCAL MUNICIPALITY
- OTHER

### ASSET LEGEND

- PUMP STATION
- FLOW CONTROL STRUCTURE
- RTB
- GRAVITY INTERCEPTOR
- IN-SYSTEM STORAGE DEVICE
- OVERFLOW POINT
- LEVEL SENSOR
- RAIN GAUGE
- FLOW METER

PROJECT NO.

181053

# 3.6

An adjourned meeting of the Intra-County Drainage Board for the **EIGHT AND ONE-HALF MILE RELIEF DRAIN** was held in the Office of the Macomb County Public Works Commissioner, 21777 Dunham Clinton Township, Michigan on March 14, 2022, at 10:10 A.M.

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

ALSO PRESENT: Brian Baker, Chief Deputy; Steve Downing, Construction and Maintenance Manager; Norb Franz, Communications Manager; Bruce Manning, Financial Manager; Pam Sonnenberg, Administrative Assistant; Tom Stockel, Construction Supervisor; Don VanSyckel, Macomb County Board of Commissioners; Sarah Wojdyla, Drain Account Specialist

PRESENT VIA TELECONFERENCE: Vince Astorino, Operations & Flow Manager

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

Adopted: YEAS: 3  
NAYS: 0

Minutes of the meeting of February 14, 2022 were presented. A motion was made by Mr. Santo, supported by Mrs. Klinefelt to approve the minutes as presented.

Adopted: YEAS: 3  
NAYS: 0

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

Mr. Astorino stated that he was happy to announce that Chapaton used all of their storage and did not have a discharge last month during the wet weather event. We were the only basin in the entire region that did not have a discharge. This is the fourth event since the 2021 implementation of our operational schemes that we have been able to prevent the spill. Mrs. Miller then spoke about the testing of the lakes and findings of what is in our water in regards to combined sewer overflows being discharged into the lakes. She reiterated how important it is to stop these overflows from discharging into our waterways.

Mr. Astorino continued with the Chapaton Basin and Nine Mile Drain Structural Repairs Project. It was awarded to D'Agostini last month and they are also working on the Martin Flushing Project.

We are waiting on Weiss for a schedule for the Chapaton In-System Storage Project. They have been working with DTE for the utility relocation at Beaconsfield and Oak. It now looks like they will have everything relocated by July. Weiss will start mobilizing in early April to start the ancillary sites for venting. We just received their draft schedule on Friday and are reviewing it.

The Nine Mile Pump Station is on task. The Canal Rehab is making progress with design. We are looking through the early design concepts now. The Green Infrastructure Project is also going well.



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

Adopted: YEAS: 3  
NAYS: 0

Mr. Downing then updated on the OCIP Program. He provided a memo and spoke about the significant cost savings if we were to bundle the projects together. His intention for this presentation today is to get the board's approval for Commissioner Miller to bind coverage for the cost savings. We will get the final numbers and report back to the board before Commissioner Miller signs it.

Mr. Santo asked about the bundling being about a \$700,000 savings, and it was confirmed. Mr. VanSyckel asked if we had ever collected anything on our insurance policies in the last few years. Mr. Downing confirmed on Segment 5 we had a collection. Mr. Baker mentioned a collection on OMID from the 2016 sinkhole, and we may have a collection coming up on Segment 6 per Commissioner Miller.

A motion was made by Mrs. Klinefelt, supported by Mr. Santo to authorize the Board Chair to authorize the binding of the policies if required prior to the April 2022 Board Meeting.

Adopted: YEAS: 3  
NAYS: 0

Mrs. Klinefelt had a question on invoices regarding the apportionment of time spent between personnel to specific drains. She also had a question on mileage charged from Fishbeck on standard vehicles versus work vehicles, such as survey trucks. It was noted by Mr. Astorino that they charge a higher rate because of the special equipment on the vehicle.

The Chair presented the invoices totaling \$575,795.89 to the board for review and approval.

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

Adopted: YEAS: 3  
NAYS: 0

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

Adopted: YEAS: 3  
NAYS: 0

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

Adopted: YEAS: 3  
NAYS: 0

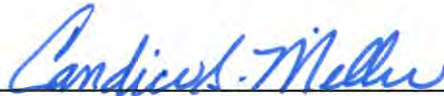
The meeting was adjourned at 10:34 A.M.

  
\_\_\_\_\_  
Candice S. Miller, Chair  
Macomb County Public Works Commissioner



STATE OF MICHIGAN  
COUNTY OF MACOMB

I certify that the foregoing is a true and correct copy of proceedings taken by the Intra-County Drainage Board for the Drainage District shown on the attached set of minutes, on March 14, 2022 the original of which is on file in the Public Works Commissioner's Office. Public notice of the meeting was given pursuant to Act No. 267, Public Acts of Michigan, 1975, including, in the case of a special or rescheduled meeting or a meeting secured for more than 36 hours, notice by posting at least 18 hours prior to the time set for the meeting.



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Candice S. Miller, Chair  
Macomb County Public Works Commissioner

DATED: 03/14/22

## MACOMB COUNTY

# Macomb public works leader urges action on contaminants, combined sewer overflows

**The Detroit News**

Published 9:09 p.m. ET March 7, 2022

Macomb County Public Works Commissioner Candice Miller said Monday the state should take more steps to keep contaminants from entering the Great Lakes and other waterways and address combined sewer overflows.

Miller was reacting to a joint study conducted by Wayne State University's Healthy Urban Waters program and the University of Florida reviewing water samples pulled from the corridor between Lake Huron and Lake Erie.

The Free Press reported Monday that the joint study found that antibiotics, acetaminophen, cocaine, the diabetes drug metformin, nicotine, PFAS and caffeine were detected in water samples.

Miller said many pesticides, pharmaceuticals and other compounds can enter the waterways through storm water runoff during major rain events leading to combined sewer overflows, including from Wayne, Oakland and Macomb counties.

"This study shows why it is so important for all of us to take the issue of combined sewer overflows much more seriously. Just because the State of Michigan permits this activity doesn't make it OK," Miller said. "This study is a wakeup call for communities to separate their combined systems, and or build bigger retention basins. We can't just keep passing this issue on to future generations when what we're doing is negatively impacting our drinking water."

Several compounds, such as prescription drugs, are not fully broken down by humans and are secreted in their waste. In areas where sanitary sewers are not separate from storm sewers, the combined flow including runoff of pesticides and fertilizers from agricultural areas, and chemicals from industrial sites, reducing CSO's helps.

Miller's office said the Michigan Department of Environment, Great Lakes, and Energy in 2020 rejected a county request to increase the storage capacity at the Chapaton Retention Treatment Basin on Nine Mile Road in St. Clair Shores.

The plan, which involved expanding the storage canal linking the underground storage basin to Lake St. Clair, would have reduced combine sewer overflows by up to 70%, representatives said.

Last year, Miller noted a detailed assessment of the decades-old Chapaton pumps was launched after summer rainstorms strained the facility.

In 2021, Chapaton and the Martin Drain Retention Treatment discharged 411 million gallons and 405 million gallons of treated combined sewer overflows into Lake St. Clair, the Public Works office reported.

Macomb County Public Works engineers continue to design and develop projects to help reduce the overflows, Miller's office said.

“Every little bit of reduction helps,” Miller said. “Water quality equals quality of life, and the problem of CSO’s — and even the occasional discharge of raw, untreated sewage that has occurred in other counties in violation of discharge permits — is not something that should just be passed along to future generations to solve.”



## MICHIGAN

# Water samples show nicotine, cocaine, antibiotics in Great Lakes waterways



**Keith Matheny**

Detroit Free Press

Published 6:02 a.m. ET March 7, 2022 | Updated 8:21 a.m. ET March 7, 2022

Artificial sweeteners, pharmaceuticals, pesticides and nonstick compounds were found in multiple water samples in the corridor between Lake Huron and Lake Erie, including the Detroit River and Lake St. Clair, a new study found.

Drugs detected in the water included nicotine, cocaine, antibiotics, acetaminophen pain reliever, the diabetes drug metformin, even contrast dye from CT scans, the study by Wayne State University's Healthy Urban Waters program and the University of Florida found. They're found in very minute concentrations, down to the parts per trillion.

Known as contaminants of emerging concern, many are only detectable now because of advancements in the sensitivity of laboratory technology. While some of the detected chemicals are known to cause public health or environmental harm, for the majority, it remains unstudied and unknown.

"I wanted to look in a real-world environment to see what was out there, what we should be concerned about," said Tracie Baker, an environmental toxicologist at the University of Florida and adjunct professor at Wayne State University.

"There was a lot of research in the past 50 years — since the Rouge River caught on fire — that's focused on legacy contaminants like heavy metals, dioxins, PCBs. What my group was interested in doing was looking more specifically at some of the emerging contaminants that we don't necessarily think about as toxic; that people aren't really looking for in our rivers and lakes."

Water samples were collected in the spring and fall of both 2018 and 2019 at six sites:

The mouth of the Clinton River;  
Lake St. Clair Metropark

Northeast Belle Isle

Southwest Belle Isle

The mouth of the Rouge River near Zug Island

The Detroit River International Wildlife Refuge/Trenton Channel.

"We wanted them to be places where people were going, places of recreation," Baker said. "We also wanted areas near industry, drinking water intakes, and wastewater effluent."

Contaminants of emerging concern are known to enter the environment through runoff from residential, agricultural, industrial or military sites; particularly in significant rain events that lead to combined sewer overflows. Many of the compounds, such as prescription drugs, aren't fully broken down by humans, are secreted in their waste, and wastewater treatment plants aren't optimized to remove them — and there are no regulatory requirements that they be removed.

The Florida-Wayne State study, published last month in the peer-reviewed *Journal of Great Lakes Research*, detected and quantified 50 compounds across the six tested sites. Upstream sites showed more significant concentrations of pesticides and their breakdown products, likely arising from agricultural runoff. Pharmaceuticals and personal care products were found in higher concentrations near more populated areas, locations downstream of large wastewater treatment plant outflows.

Synthetic sweeteners acesulfame potassium and sucralose were detected in the highest concentrations of any compound class, most particularly at the two most downstream testing sites.

The sweeteners are commonly seen in wastewater effluent because they are water soluble and resistant to human metabolism, Baker said.

There's not much scientific research showing the sweeteners as having a negative impact on human health or the environment, "but there's not a lot of research that's been done on it, either," she said.

Antibiotics were found consistently across sampling at the two most downstream testing sites.

"The persistence of sulfamethoxazole in aquatic environments, even at low levels, can drive antibiotic resistance with implications for human, animal and ecosystem health," the study states.



Other pharmaceuticals consistently detected across sampling included:

- acetaminophen, a non-aspirin pain reliever;
- lidocaine, a topical local anesthetic;
- atenolol, a beta-blocker used to treat high blood pressure;
- gemfibrozil, a lipid regulator used to treat high cholesterol and triglycerides
- iohexol, used as a contrast dye for CT scans and similar procedures.

Though not consistently detected, the diabetic medication metformin and the anticonvulsant carbamazepine were found at multiple sites and during multiple sampling events.

The stimulant caffeine, found in coffee, tea and soft drinks, was also consistently found across sampling events near Zug Island, the study found. Previous studies have shown caffeine exposures at elevated levels create toxicity and anxiety-like behavior in a variety of species, including fish and other aquatic organisms. Research further shows the outcomes are worse for exposed animals when they are also subjected to artificial sweeteners at the same time, the study states.

Nicotine, cocaine and their breakdown products were also detected near the Zug Island site, but at relatively small concentrations and not consistently across sampling events. As nicotine is often used as an insecticide, it has the potential to impact zooplankton, the tiny aquatic organisms at the bottom of the food web upon which fish rely, the study found.

"I was surprised by the number of pharmaceuticals — antibiotics, and the contrast agent really surprised me," Baker said.

Per- and polyfluoroalkyl substances, or PFAS — the nearly ubiquitous nonstick compounds used in industry and consumer products now known as "forever chemicals" because of their resistance to breaking down in nature — were also found in the Wayne State/Florida study, at every testing site.

Two of the most well-known PFAS compounds, known as PFOS and PFOA, have been phased out of most industrial and consumer uses in the U.S. in recent years, as more is learned about their harmful health and environmental effects. They've been replaced by supposedly safer "short-chain" PFAS compounds, the name deriving from them having fewer carbon atoms. But research is now showing the short-chain PFAS compounds also persist in nature without breaking down and also harm public health.



The Wayne State-Florida study found 12 PFAS compounds, short- and long-chain, in water and sediment samples across the tested sites.

"Those are easily, by far, what we are seeing the most of," Baker said. "Because they are forever chemicals, they are just staying around for a long time. But now we are also starting to see the shorter chains, now that they are being used in production and products."

**More:** PFAS contamination is Michigan's biggest environmental crisis in 40 years

**More:** Feds: Wurtsmith veterans could get cancer, other health problems from tainted base water

Examination of contaminants of emerging concern in our environment is important work, said Michael Murray, a biology instructor at Augusta University in Georgia and an adjunct professor in the University of Michigan's School of Environment and Sustainability, who was not involved in the Wayne State-Florida study. Murray, for more than 20 years until last fall, also served as staff scientist with the nonprofit National Wildlife Federation's Great Lakes Regional Center.

"There is definitely a lot we don't know on the human health end," he said. "But I think for a lot of chemicals, we know even less on the ecological end, fish and wildlife.

"PFAS is thousands of chemicals — potentially over 9,000 — and we really don't have even basic toxicity information on but maybe a couple of dozen or so."

Murray noted that many of the emerging contaminants are medicines and personal care products ending up in the environment through wastewater. But wastewater treatment plants weren't designed to capture them, and are under no regulatory obligation to do so.

But the region's largest wastewater treatment facility, run by the Great Lakes Water Authority, is paying some attention to contaminants of emerging concern. The authority collaborated with Baker on the study's examination of its effluent streams, and has a "rigorous industrial pre-treatment program that controls contaminants, including PFAS, directly at their source before entering waste streams," Cheryl Porter, chief operating officer for GLWA's Water and Field Services, said in a statement to the Free Press.

The agency also conducts occasional "unregulated contaminant monitoring sampling events," including a recent one for estrogen compounds and compounds often found in personal care products, Porter said.

"EPA uses the data obtained to determine where these contaminants occur and whether they need to be regulated," she said.

New and improved facilities at GLWA's Water Works Park and at its Lake Huron treatment plant "will provide us with the opportunity to further test and advance our treatment process beyond (only regulatory) compliance," Porter said.

Baker said her group is now beginning to look at how contaminants of emerging concern impact the organisms that live around them.

"This was kind of the beginning to know what's out there, and where are we finding it," she said. "Now we are looking in fish, in the blood and in the muscle of different fish species, focusing on fish that someone might eat."

The best solution to these contaminants is to capture them at the source where they are generated, or to not use them at all, and instead use some safer alternative, Murray said.

"We can clean up contaminated sites like Zug Island or specific areas of concern in the Great Lakes," he said. "But once these are disbursed all over, it's really hard to do much at that point."

*Contact Keith Matheny: 313-222-5021 or [kmatheny@freepress.com](mailto:kmatheny@freepress.com).*



**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: April 11, 2022

Subject: Construction Projects Status Updates for the April 2022 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

No wet weather events for this past month.

### Chapaton Basin and 9 Mile Drain Structural Repairs Project

**Contractor:** Pullman/L. D'Agostini

**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. Pullman portion of the project officially closed-out; on-time, under budget.
2. Continuing to work with L D'Agostini to begin second phase of the project.



**Construction Costs:**

|                          | Date (if applicable) | Amount       |
|--------------------------|----------------------|--------------|
| Original Contract Amount |                      | \$736,950.00 |
| Total Spent to Date      | Pay App #1-5         | \$474,913.50 |
| Remaining Budget         |                      | \$262,036.50 |

**Chapaton In-System Storage Project****Contractor:** Weiss Construction**Engineering Consultant:** Tetra Tech**Project Description:**

The primary focus of the project is the construction of an access shaft and installation of the In-System Storage Device at Beaconsfield and Oak in Eastpointe. This project will achieve an additional 3.5 million gallons of storage within the 8.5 Mile Relief tunnel.

**Significant project tasks that have occurred over the past month:**

1. Weiss has started working with DTE for utility relocation at Beaconsfield.
2. Construction activity letters were sent to Eastpointe and St. Clair Shores city councils on April 4, 2022. Resident letters were submitted on April 6, 2022.
3. Submittals have started to be received by the engineering team.
4. Construction activities and equipment staging to begin in mid to late April.
  - Beaconsfield & Oak: Construction steel to be delivered and security fencing installed at the site. Temporary lane closures in late April for preliminary tunnel location probing.
  - Kelly & Oak: Staging of equipment and preliminary tunnel location probing.
  - Gaukler & Greater Mack: Staging of equipment and preliminary tunnel location probing.

**Construction Costs:**

|                          | Date (if applicable) | Amount         |
|--------------------------|----------------------|----------------|
| Original Contract Amount |                      | \$9,673,200.00 |
| Total Spent to Date      |                      | -              |
| Remaining Budget         |                      | \$9,673,200.00 |



**Candice S. Miller**

Public Works Commissioner  
Macomb County

April 1, 2022

Dear Honorable Council:

As you may recall, staff from our office briefed you last year about an upcoming vital infrastructure construction project: The In-System Storage project in the 8 ½ Mile Relief Drain Drainage District. The district serves the cities of Eastpointe and St. Clair Shores, handling the combined sanitary sewer flow and storm water runoff and snow melt from all of Eastpointe and most of St. Clair Shores. The In-System Storage project uses existing infrastructure by installing an inflatable bladder inside the large interceptor pipe far below the surface near Oak Avenue, from Interstate 94 to Boulder Street. When inflated, the bladder will permit combined sewer flow to be “stored” upstream and released as needed to maintain flow without creating a risk of basement flooding.

The purpose of increased storage capacity is to reduce combined sewer overflows and discharges of CSO’s into our beautiful Lake St. Clair. Although chemically-treated discharges of combined flow are permitted by the state, they have gone on for decades. No longer should we be pushing this problem onto future generations. Water quality equals quality of life, and this important project is one step to help us to better protect the lake and the environment. We believe this important project can help reduce CSO’s from the Chapaton Retention Basin by 30%.

With the recent announcement of federal earmarks and state funding to Macomb County for key sewer projects, we do not anticipate that the \$17 million In-System Storage project will itself not require an increase in sewer rates for the ratepayers in Eastpointe and St. Clair Shores, which is great news.

The reason we are doing this project is to protect water quality. Clean water is a common goal that we all share.

Also, we want to notify you about construction activity associated with this project that will get underway soon and which will impact motorists:

- **Excavation to install a manhole and below-grade odor control device. Excavation is expected to commence in mid- to late April and continue into May, and will result in intermittent traffic control and temporary closures of the northbound left lane and southbound left lane of Kelly Road at Oak Avenue.**

- **Depending on DTE Energy’s utility relocation schedule, excavation will begin in May to construct an access shaft at the intersection of Beaconsfield at Oak Avenue, to install the In-System Storage device inside the interceptor pipe. This will continue to June 2023 and will require traffic detours around the construction area as well as for overhead utility relocation. Equipment will be staged starting in mid-April in the greenbelt between Beaconsfield and Interstate 94, for subsequent installation of a control building.**

Please notify your police and fire departments about the upcoming construction and traffic impact. We also ask you to consider posting this traffic information on your city website.

We appreciate your support and cooperation for this important project! If you have any questions, please contact Macomb County Public Works wastewater services engineer Steve Rozycki at [steve.rozycki@macombgov.org](mailto:steve.rozycki@macombgov.org) or by phone at 586-696-0235.

Sincerely,



Candice S. Miller

Macomb County Public Works Commissioner



**Candice S. Miller**

Public Works Commissioner  
Macomb County

April 1, 2022

Dear City of Eastpointe Residents and Businesses:

When almost 4 inches of rain fell last June on Eastpointe and St. Clair Shores, our staff at the Chapaton Pump Station on Nine Mile Road at Jefferson Avenue worked hard to manage the flow of combined sanitary sewage and storm water runoff and were able to prevent basement flooding in thousands of homes.

While preventing basement flooding is always the goal during heavy rain events, sewer systems and open-channel drains are not capable of handling the intensity and length of severe rainstorms. In that June 25-26 storm, parts of northeast Detroit and the Grosse Pointes were hit with 6-8 inches of rain, and flooding was extensive and costly.

During significant rain events, combined sewer overflows are chemically-treated to kill E-coli bacteria before being discharged into Lake St. Clair. These CSO's are permitted by the state but they have gone on for decades. No longer should we be pushing this problem onto future generations.

To help reduce CSO's, the Macomb County Public Works Office will soon begin construction of a vital infrastructure project. Known as an "In-System Storage project" in the drainage district serving all of Eastpointe and most of St. Clair Shores, it will use existing infrastructure by installing an inflatable bladder inside the large interceptor pipe far below the surface of Oak Street between Boulder Street and Interstate 94.

When inflated, the bladder will permit combined sewer flow to be "stored" upstream and released as needed to maintain flow without creating an increased risk of basement flooding. The purpose of increased storage capacity is to reduce combined sewer overflows and discharges of CSO's into our beautiful Lake St. Clair. Water quality equals quality of life, and this important project is one step to help us to better protect the lake and the environment. We believe this important project can help reduce CSO's from the Chapaton Retention Basin by 30%.

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- **Depending on DTE Energy’s utility relocation schedule, excavation will begin in May to construct an access shaft at the intersection of Beaconsfield at Oak Avenue, to install the In-System Storage device inside the interceptor pipe. This will continue to June 2023 and will require traffic detours around the construction area as well as for overhead utility relocation. Equipment will be staged starting in mid-April in the greenbelt between Beaconsfield and Interstate 94, for subsequent installation of a control building.**

We appreciate your support and cooperation for this important project! If you have any questions, please contact Macomb County Public Works wastewater services engineer Steve Rozycki at [steve.rozycki@macombgov.org](mailto:steve.rozycki@macombgov.org) or by phone at 586-696-0235.

Sincerely,



Candice S. Miller

Macomb County Public Works Commissioner



**Candice S. Miller**

Public Works Commissioner  
Macomb County

April 1, 2022

Dear Honorable Council:

As you may recall, I, along with Chief Deputy Public Works Commissioner Brian Baker and Operations & Flow Manager Vince Astorino, briefed you last year about an upcoming vital infrastructure construction project: The “In-System Storage” project in the 8 ½ Mile Relief Drain Drainage District.

The district serves the cities of Eastpointe and St. Clair Shores, handling the combined sanitary sewer flow and storm water runoff and snow melt from all of Eastpointe and most of St. Clair Shores. The In-System Storage project uses existing infrastructure by installing an inflatable bladder inside the large interceptor pipe far below the surface along Rosedale Street from Interstate 94 to Greater Mack, then through the Chapoton Woods subdivision, down Malvern Street to Nine Mile Road and terminating at the Chapoton Pump Station at Nine Mile at Jefferson Avenue.

When inflated, the bladder will permit combined sewer flow to be “stored” upstream and released as needed to maintain flow without creating a risk of basement flooding.

The purpose of increased storage capacity is to reduce combined sewer overflows and discharges of CSO’s into our beautiful Lake St. Clair. Although chemically-treated discharges of combined flow are permitted by the state, they have gone on for decades. No longer should we be pushing this problem onto future generations. Water quality equals quality of life, and this important project is one step to help us to better protect the lake and the environment. We believe this important project can help reduce CSO’s by 30%.

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The reason we are doing this project is to protect water quality. Clean water is a common goal that we all share.

Also, we want to notify you about construction activity associated with this project that will get underway soon and which will impact motorists:

- **Excavation to install a manhole and below-grade odor control device at Greater Mack Avenue at Gaukler Street, starting in May. Initial work will begin in mid- to late April, resulting in intermittent traffic control including temporary lane closures.**
- **In Eastpointe, excavation to install a manhole and below-grade odor control device. Excavation is expected to commence in mid- to late April and continue into May, and will result in intermittent traffic control and temporary closures of the northbound left lane and southbound left lane of Kelly Road at Oak Avenue. Depending on DTE Energy's utility relocation schedule, excavation will begin in May to construct an access shaft at the intersection of Beaconsfield at Oak Avenue, to install the In-System Storage device inside the interceptor pipe. This will continue to June 2023 and will require traffic detours around the construction area as well as for overhead utility relocation. Equipment will be staged starting in mid-April in the greenbelt between Beaconsfield and Interstate 94, for subsequent installation of a control building.**

Please notify your police and fire departments about the upcoming construction and traffic impact. We also ask you to consider posting this traffic information on your city website.

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Sincerely,



Candice S. Miller

Macomb County Public Works Commissioner





**Candice S. Miller**

Public Works Commissioner  
Macomb County

April 1, 2022

Dear St. Clair Shores Residents and Businesses:

When almost 4 inches of rain fell last June on Eastpointe and St. Clair Shores, our staff at the Chapaton Pump Station on Nine Mile Road at Jefferson Avenue worked hard to manage the flow of combined sanitary sewage and storm water runoff and were able to prevent basement flooding in thousands of homes.

While preventing basement flooding is always the goal during heavy rain events, sewer systems and open-channel drains are not capable of handling the intensity and length of some rainstorms. In that June 25-26 storm, parts of northeast Detroit and the Grosse Pointes were hit with 6-8 inches of rain.

During significant rain events, combined sewer overflows are chemically-treated to kill E-coli bacteria before being discharged into Lake St. Clair. These CSO's are permitted by the state but they have gone on for decades. No longer should we be pushing this problem onto future generations.

To help reduce CSO's, the Macomb County Public Works Office will soon begin construction of a vital infrastructure project. Known as an "In-System Storage" project in the drainage district serving all of Eastpointe and most of St. Clair Shores, it will use existing infrastructure by installing an inflatable bladder inside the large interceptor pipe far below the surface along Rosedale Street from Interstate 94 to Greater Mack, then through the Chapoton Woods subdivision, down Malvern Street to Nine Mile Road and terminating at the Chapaton Pump Station at Nine Mile at Jefferson Avenue. When inflated, the bladder will permit combined sewer flow to be "stored" upstream and released as needed to maintain flow without creating a risk of basement flooding.

The purpose of increased storage capacity is to reduce combined sewer overflows and discharges of CSO's into our beautiful Lake St. Clair. Water quality equals quality of life, and this important project is one step to help us to better protect the lake and the environment. This important project will significantly reduce CSO's from the Chapaton Retention Basin.

With the recent announcement of federal earmarks and state funding to Macomb County for key sewer projects, we do not anticipate that the \$17 million In-System Storage project will require an increase in sewer rates for the ratepayers in Eastpointe and St. Clair Shores.

Also, we want to notify you about construction activity associated with this project that will get underway soon and which will impact motorists:

- **Excavation to install a manhole and below-grade odor control device at Greater Mack Avenue at Gaukler Street, starting in May. Initial work will begin in mid- to late April, resulting in intermittent traffic control including temporary lane closures.**
- **In Eastpointe, excavation to install a manhole and below-grade odor control device. Excavation is expected to commence in mid- to late April and continue into May, and will result in intermittent traffic control and temporary closures of the northbound left lane and southbound left lane of Kelly Road at Oak Avenue. Depending on DTE Energy's utility relocation schedule, excavation will begin in May to construct an access shaft at the intersection of Beaconsfield at Oak Avenue, to install the In-System Storage device inside the interceptor pipe. This will continue to June 2023 and will require traffic detours around the construction area as well as for overhead utility relocation. Equipment will be staged starting in mid-April in the greenbelt between Beaconsfield and Interstate 94, for subsequent installation of a control building.**

We appreciate your support and cooperation for this important project! If you have any questions, please contact Macomb County Public Works wastewater service engineer Steve Rozycki at [steve.rozycki@macombgov.org](mailto:steve.rozycki@macombgov.org) or by phone at 586-696-0235.

Sincerely,

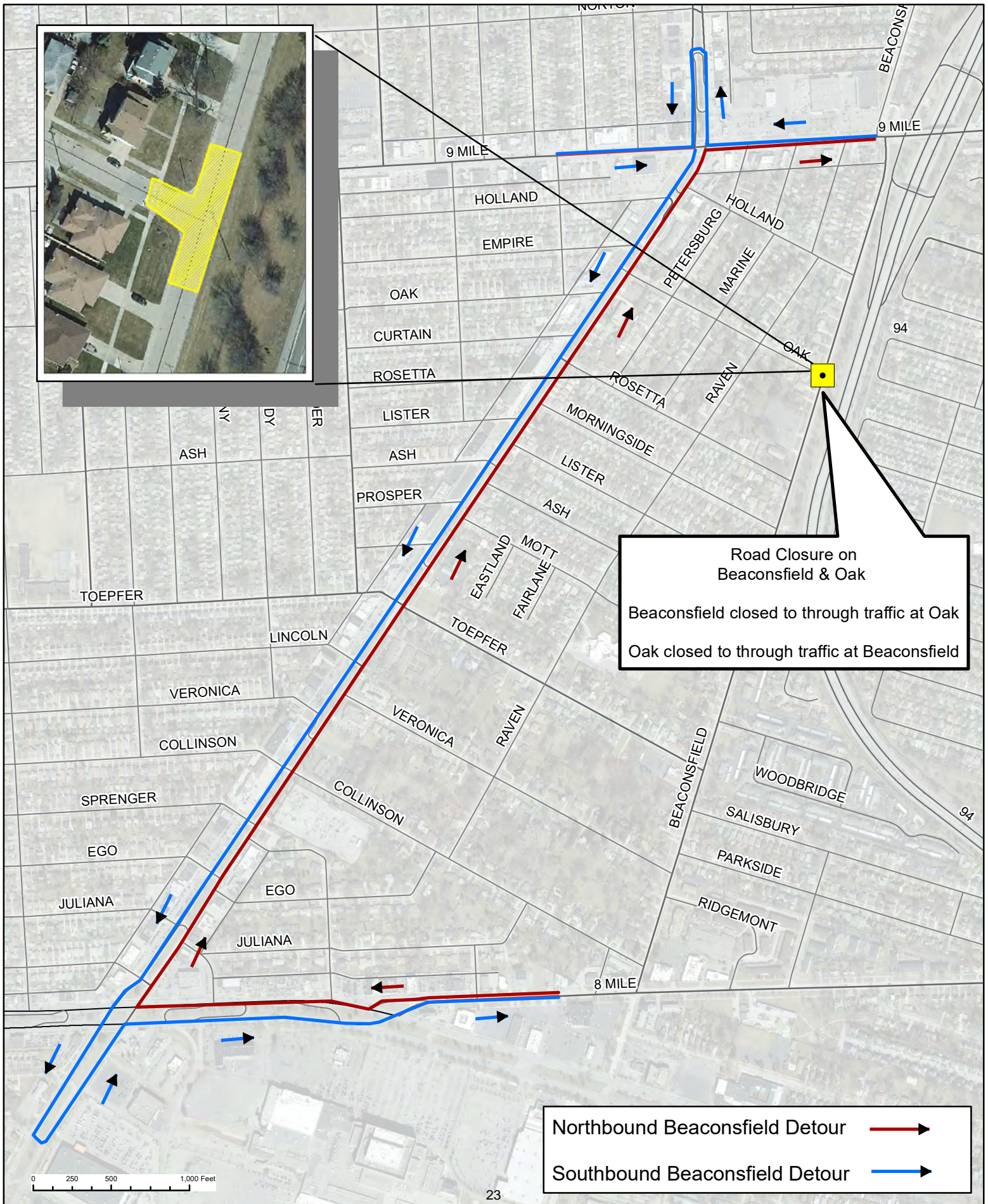


Candice S. Miller



Macomb County Public Works Commissioner



# Road Closure on Beaconsfield and Oak



Road Closure on  
Beaconsfield & Oak  
Beaconsfield closed to through traffic at Oak  
Oak closed to through traffic at Beaconsfield

Northbound Beaconsfield Detour   
Southbound Beaconsfield Detour 





# NICKEL & SAPH, INC.

INSURANCE SINCE 1929

MAILING ADDRESS:

P.O. BOX 46907  
MT. CLEMENS, MI 48046-6907

OFFICE ADDRESS:

44 MACOMB PLACE  
MT. CLEMENS, MI 48043  
(586) 463-4573 • (810) 765-8887  
1-800-657-7373 • FAX: (586) 463-3135  
www.nickelsaph.com

March 29, 2022

Mr. Brian Baker  
Macomb County Intra-County Drains &  
Drainage Districts  
21777 Dunham Road  
Clinton Twp., MI 48036

Dear Mr. Baker:

Please accept the following renewal proposal of certain liability coverages secured for the Intra-County drains and drainage districts.

Carrier: Argonaut Insurance Company  
A. M. Best Rating: A- XIV, Stable. Admitted by the State of Michigan.

**General Liability**

Aggregate Limit: \$2,000,000  
Occurrence Limit: \$1,000,000  
Personal and Advertising Injury: \$1,000,000  
Products/Completed Operations Aggregate: \$2,000,000  
Deductible per Occurrence: \$100,000

**Automobile Liability**

Occurrence Limit: \$1,000,000  
Deductible: \$100,000

Coverage is afforded for non-owned and rented autos only. No aggregate limitation applies.

**Public Officials' Liability**

Aggregate Limit: \$2,000,000  
Per Wrongful Act Limit: \$1,000,000  
Deductible each Wrongful Act: \$100,000  
Claims Made Policy Form  
Prior Acts/Retroactive Date: April 26, 2021



**Excess Liability**

|                                    |                  |
|------------------------------------|------------------|
| Each Occurrence or Wrongful Act:   | \$10,000,000     |
| Annual Aggregate:                  | \$10,000,000     |
| Annual Premium:                    | \$205,191        |
| Optional Terrorism Risk Insurance: | \$5,422          |
| <b>Total Annual Premium:</b>       | <b>\$210,613</b> |

The expiring annual premium was \$197,864. The renewal offering has increased \$12,749 or 6.44%. Last year, Terrorism Risk Insurance was included (optional coverage). Premium is not subject to annual audit.

We have deleted the Sprenger drain (#0120, located in Warren).

Afforded liability limits are separate from each other. Payment of claims for one line of coverage will not affect or reduce the limits dedicated to the remaining lines of coverage. Please refer to policy forms for terms, definitions, conditions, and exclusions.

The deductibles apply to both the payment of claim adjustment expenses and third-party damage payments. Once the deductible is exhausted, the specific limit is dedicated to the payment of third-party damages alone; claim expenses are outside of the afforded limits. Argonaut requires the continued third-party administrator (TPA) relationship with the ASU Group or other approved TPA.

Argonaut has included their proprietary "360" endorsement which adds the following coverage enhancements to the General Liability: Blanket Additional Insured (when required by written contract, agreement, or permit). Broadcasting, Publishing, and Telecasting offenses are covered under Personal Injury. By separate endorsement, Limited Pollution Liability Coverage (extended for Property Damage under the General Liability policy) is added for the reverse flow of sewage (endorsement GL-210 [07/00]).

As with the expiring contract, Argonaut is offering: 1) a traditional underlying and excess policy format. No impact on the afforded coverages: same carriers (underlying and excess), same claims and underwriting staff, and same occurrence limit of liability - \$11,000,000. 2) Covered claims are subject to a \$100,000 deductible. 3) The Public Officials' liability coverage is offered on a Claims Made policy form in lieu of an Occurrence form. A retroactive date of April 26, 2021 will apply to covered claims. 4) The excess liability policy does not afford excess automobile liability coverage; the proposed policy affords \$1,000,000 Hired & Non-owned Automobile Liability. The coverage is afforded by way of a Combined (Bodily Injury and Property Damage) Single Limit formant (as before). The afforded limit is provided per Occurrence with no aggregate restrictions (again, same as before). 5) The combined aggregate limit of liability for covered General Liability and Public Officials' Liability claims is \$11,000,000.

In addition to securing the afforded liability coverages, we continue to monitor additions or improvements to the districts' physical assets. We have been advised that no measurable changes occurred over the past year. You will recall that all property insurance is secure under Macomb County's property insurance policy.

Please review this information and contact me with any questions or concerns. I plan to attend the meeting on Monday, April 11, 2022. Thank you.

Sincerely,

A handwritten signature in blue ink, appearing to read "Stephen R. Saph, Jr.", written in a cursive style.

Stephen R. Saph, Jr., LIC  
Agent

Enclosure

Chapter 20  
Insurance Cost Breakdown  
April 26, 2022 Renewal

| DRAIN NAME                | 2022 PERCENT | PORTION<br>OF<br>INSURANCE |
|---------------------------|--------------|----------------------------|
| Eight Half Mile Relief    | 5.182%       | \$ 10,913.97               |
| Martin Sanitary Diversion | 0.903%       | \$ 1,901.84                |
| MIDDD                     | 93.915%      | \$ 197,797.20              |

|                |               |
|----------------|---------------|
| Insurance bill | \$ 210,613.00 |
|----------------|---------------|

\*\*\* After an analysis of the 2021 expenses, other drain's portions were minimal and insignificant

| MIDDD Costs                |                     |
|----------------------------|---------------------|
| Liability                  | \$ 197,797.20       |
| Third-Party Administrator  | \$ 1,500.00         |
| Underground Infrastructure | <u>\$ 19,000.00</u> |
| MIDDD Total Cost           | \$ 218,297.20       |



Insurance Proposal  
for  
Macomb County Intra County Drain and Drainage,  
Michigan

EFFECTIVE DATE  
**04/26/2022 – 04/26/2023**

Coverage Offered Through:



PRESENTED BY:





## GENERAL LIABILITY

Occurrence Form

### Standard Coverage

|  | <u>Limit</u> |
|--|--------------|
| Bodily Injury/Property Damage                                  | 1,000,000    |
| Personal Injury/Advertising Injury                             | 1,000,000    |
| Damages to premises rented to you                              | 100,000      |
| Employee Benefits (\$1,000 deductible applies)                 | 1,000,000    |
| General Aggregate  | 2,000,000    |
| Products/Completed Operations Aggregate                        | 2,000,000    |
| Deductible Per Occurrence (Expenses included within retention) | 100,000      |

### Miscellaneous

#### Description

|  | <u>Limit</u> | <u>Deductible</u> |
|--|--------------|-------------------|
| Unmanned Aircraft Under 25 Pounds  | 25,000       | 100,000           |
| Limited Pollution Liability Coverage (Chemical Spraying, Water, and Sewer) | Included     | 100,000           |

### General Liability P.E. 2

|                      | <u>Limit</u> | <u>Deductible</u> |
|----------------------|--------------|-------------------|
| Public Water Utility | Included     | 100,000           |
| Sewer System         | Included     | 100,000           |

## **PUBLIC OFFICIALS' LIABILITY**

Claims Made Form

### **Standard Coverage**

|   | <b><u>Limit</u></b> |
|---|---------------------|
| Per Wrongful Act  | 1,000,000           |
| Annual Aggregate  | 2,000,000           |
| Employment Related Wrongful Acts                                  | Excluded            |
| Deductible Each Wrongful Act (Expenses included within retention) | 100,000             |
| Prior Acts/Retroactive Date                                       | 04/26/2021          |

### **Additional Coverages**

|                                       |        |
|---------------------------------------|--------|
| Non-Monetary Defense Per Wrongful Act | 10,000 |
| Non-Monetary Defense Annual Aggregate | 50,000 |

### **Public Officials P.E. 2**

|                      | <b><u>Limit</u></b> | <b><u>Deductible</u></b> |
|----------------------|---------------------|--------------------------|
| Public Water Utility | Included            | 100,000                  |
| Sewer System         | Included            | 100,000                  |

## **AUTO LIABILITY**

### **Standard Coverage**

Liability Limit

**Limit**  
1,000,000

**Units**  
0

**Symbol**  
8, 9

Deductible

100,000

Uninsured Motorist

Rejected

Underinsured Motorist

Rejected

**EXCESS LIABILITY**

**Standard Coverage**

Each Occurrence, Offense, Accident, or Wrongful Act  
Annual Aggregate

**Limit**  
10,000,000  
10,000,000

***Underlying Insurance***

General Liability  
Public Officials' Liability

1,000,000  
1,000,000



The following is a price breakdown for this quotation:  
Option 1

| <b><u>Coverage</u></b>      | <b><u>Subtotal</u></b> | <b><u>TRIA</u></b> | <b><u>Total<br/>Premium</u></b> |
|-----------------------------|------------------------|--------------------|---------------------------------|
| General Liability           | 144,933                | 4,348              | 149,281                         |
| Public Officials' Liability | 24,342                 |                    | 24,342                          |
| Auto Liability              | 100                    |                    | 100                             |
| Excess Liability            | 35,816                 | 1,074              | 36,890                          |
| <b>Total</b>                | <b>\$205,191</b>       | <b>\$5,422</b>     | <b>\$210,613</b>                |

# Risk Control Services Proposal For Macomb County Intra County Drain and Drainage

The Breadon Group in partnership with Trident Public Risk Solutions' Risk Control division works to provide our customers with cost-effective, Risk-Management-driven solutions to minimize exposure to losses. Since our business focus is on the public sector, we have the unique background to work with our customers, bringing in a wealth of experience in risk control for public entities throughout the country.

Our staff has extensive expertise in providing Risk Control services to our public entity customers. In addition, we have also assembled a network of industry experts and partners to assist in the delivery of services and specialized consulting. Coordinated through our corporate offices, this broad-based team can deliver timely world-class Risk Control services that are targeted to achieve effective results.

## Trident Risk Control Website

Trident Risk Control offers an easy-to-navigate, fully searchable website with an array of resources to assist you in your program development and implementation. Resources available on the site include:

- **White papers** on topics such as:
  - Law Enforcement Liability
  - Playground Safety
  - Self-Inspection Check Lists
  - Management Operational Guides
  - Catastrophe Planning
  - Many others
- **Important links** to web resources
- Information on our **FREE web-based training** classes, with over 200 courses available
- **Partner resources**
- **Ask-the-Risk -Manager** portal with 24-hour turnaround time for risk control questions
- **E-Newsletter** archive

Visit the website at <https://www.argolimited.com/pages/argo-group-home/our-brands/trident/risk-control>

## Risk Control Services

The Breadon Group in partnership with Trident Risk Control also makes a wide variety of services available to you to assist in the development of your risk management program. The following services can be accessed by a request to your agent or through contacting us at: [asktheriskmanager@tridentpublicrisk.com](mailto:asktheriskmanager@tridentpublicrisk.com).

### **Risk Management Consultation**

If you have risk management questions, Trident's Risk Control Group has the answers, tools, or resources that you need. Sending us a question through our [Ask-the-Risk Manager portal](#) on our website or emailing us directly at [asktheriskmanager@tridentpublicrisk.com](mailto:asktheriskmanager@tridentpublicrisk.com). Our **24-Hour pledge** to you is to provide you help within one business day – but it is usually a lot faster. We are here to help!

### **Risk Control e-Newsletters and Special Bulletins**

Trident Risk Control produces monthly newsletters with topics of interest and timely special bulletins for the many diverse departments at your organization. Subscribe and pass on to others, or supply us with a list of employee emails and we'll add everyone on your list to the distribution.

### **Model Law Enforcement and Detention Center Policies and Procedures**

Trident partners with world-class law enforcement consultant [OSS Law Enforcement Advisors](#) to provide free model policies for use by law enforcement and detention center representatives. When the Supreme Court provides new rulings that affect law enforcement and detention center operations, your policies will need to be altered to comply with the new rulings—and Trident can provide them.

### **Discounted Property Appraisals**

Having correct property valuations is important to any risk management program to ensure that, if disaster strikes, a structure to be replaced is valued properly. We offer discounted property appraisals for the locations that you select through our partner, [HCA Asset Management](#). We will coordinate with HCA to ensure that the appraisal services are delivered in a timely manner.

### **Systems Optimization and Maintenance**

Saving money, reducing maintenance, and reducing equipment risk factors are important considerations for any organization. Through our partner, [Hartford Steam Boiler](#), we make available a number of tools, including maintenance suggestions and optimization calculators, to your maintenance and engineering staff. The tools can be accessed through our Partner Resources Portal on our website.

### **Online Training**

Sometimes it is difficult to locate the specialized training that you need for your organization's staff. Trident Risk Control Services has over [200 training courses](#) available online to help you meet that need. Our partner, LocalGovU, has worked with us to develop topics specifically for governmental entities.



**Loss Analysis:** Understanding how to efficiently deploy your loss prevention efforts includes looking at elements such as number of claims, types, and department(s) in which they occur. Trident's Loss Analysis will provide a five-year look back, breaking down the losses to give you a clear picture of not only where they are occurring, but also causal factors. Simply contact your agent, Risk Control representative, or request a copy through: [asktheriskmanager@tridentinsurance.net](mailto:asktheriskmanager@tridentinsurance.net).

**Program Development:** One of your entity's more challenging tasks to undertake is creating or modifying a program. We can help through sample programs and sound advice on how to implement those programs across the diverse departments with which you work.



**GENERAL CONDITIONS**

This proposal is based on information provided to The Breadon Group, LLC by the Agent.

The quotation in this proposal does not necessarily match the coverages or limits requested in the bid specifications and/or application. No warranty is made or implied with respect to the total compliance to bid specifications or applications.

Each individual policy contains the actual terms, conditions and exclusions. This proposal highlights certain features and benefits of the Trident program.

**ADDITIONAL INFORMATION REQUIRED AT BINDING**

Signed TRIA Form.

## POLICYHOLDER DISCLOSURE NOTICE OF TERRORISM INSURANCE COVERAGE

You are hereby notified that under the Terrorism Risk Insurance Act, as amended, you have a right to purchase insurance coverage for losses resulting from acts of terrorism. As *defined in Section 102(1) of the Act*: The term "act of terrorism" means any act or acts that are certified by the Secretary of the Treasury-in consultation with the Secretary of Homeland Security, and the Attorney General of the United States-to be an act of terrorism; to be a violent act or an act that is dangerous to human life, property, or infrastructure; to have resulted in damage within the United States, or outside the United States in the case of certain air carriers or vessels or the premises of a United States mission; and to have been committed by an individual or individuals as part of an effort to coerce the civilian population of the United States or to influence the policy or affect the conduct of the United States Government by coercion.

YOU SHOULD KNOW THAT WHERE COVERAGE IS PROVIDED BY THIS POLICY FOR LOSSES RESULTING FROM CERTIFIED ACTS OF TERRORISM, SUCH LOSSES MAY BE PARTIALLY REIMBURSED BY THE UNITED STATES GOVERNMENT UNDER A FORMULA ESTABLISHED BY FEDERAL LAW. HOWEVER, YOUR POLICY MAY CONTAIN OTHER EXCLUSIONS WHICH MIGHT AFFECT YOUR COVERAGE, SUCH AS AN EXCLUSION FOR NUCLEAR EVENTS. UNDER THE FORMULA, THE UNITED STATES GOVERNMENT GENERALLY REIMBURSES 80% OF COVERED TERRORISM LOSSES EXCEEDING THE STATUTORILY ESTABLISHED DEDUCTIBLE PAID BY THE INSURANCE COMPANY PROVIDING THE COVERAGE. THE PREMIUM CHARGED FOR THIS COVERAGE IS PROVIDED BELOW AND DOES NOT INCLUDE ANY CHARGES FOR THE PORTION OF LOSS COVERED BY THE FEDERAL GOVERNMENT UNDER THE ACT.

YOU SHOULD ALSO KNOW THAT THE TERRORISM RISK INSURANCE ACT, AS AMENDED, CONTAINS A \$100 BILLION CAP THAT LIMITS U.S. GOVERNMENT REIMBURSEMENT AS WELL AS INSURERS' LIABILITY FOR LOSSES RESULTING FROM CERTIFIED ACTS OF TERRORISM WHEN THE AMOUNT OF SUCH LOSSES IN ANY ONE CALENDAR YEAR EXCEEDS \$100 BILLION. IF THE AGGREGATE INSURED LOSSES FOR ALL INSURERS EXCEED \$100 BILLION, YOUR COVERAGE MAY BE REDUCED.

The prospective premium for certified acts of terrorism coverage is **\$ 5,422**

Please tell your insurance agent or broker whether you accept or reject certified acts of terrorism coverage.

**Acceptance or Rejection of Terrorism Insurance Coverage**

|                          |  |
|--------------------------|--|
| <input type="checkbox"/> | Accept - I hereby elect to purchase terrorism coverage   |
| <input type="checkbox"/> | Reject - I hereby decline to purchase terrorism coverage |

\_\_\_\_\_  
Policyholder/Applicant's Signature

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Date



8 1/2 MILE RELIEF  
03.15.22 - 04.05.22

| <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<br>State of MI – 16.04%<br>County of Macomb – 2.25%<br>Dept. of Roads – 2.25%<br>Eastpointe – 54.33%<br>St. Clair Shores – 25.13% |                |                              |               |                                    |  |                        |
|                       |  | Astorino       | Colville Electric Co., LLC   | \$ 6,070.00   | Invoice #220059 - 03.14.22         | Office Improvement Project                           |                        |
|                       |  | Astorino       | Colville Electric Co., LLC   | \$ 981.67     | Invoice #220062 - 03.14.22         | Generator Test                                       |                        |
|                       |  | Astorino       | Colville Electric Co., LLC   | \$ 1,010.14   | Invoice #220065 - 03.14.22         | Wired Flushing Valve                                 |                        |
|                       |  | Astorino       | Consumers Energy             | \$ 995.62     | Invoice #SKJX7-BCFHV - 03.03.22    | Monthly Utilities - 01.11.22 - 02.07.22              |                        |
|                       |  | Astorino       | Consumers Energy             | \$ 1,197.95   | Invoice #SKJX7-BCZBD - 03.03.22    | Monthly Utilities - 01.11.22 - 02.07.22              |                        |
|                       |  | Astorino       | Consumers Energy             | \$ 1,776.74   | Invoice #SKJX7-BCQ7V - 03.03.22    | Monthly Utilities - 01.11.22 - 02.07.22              |                        |
|                       |  | Astorino       | Consumers Energy             | \$ 570.96     | Invoice #205011884496 - 03.06.22   | Monthly Utilities - 02.08.22 - 03.08.22              |                        |
|                       |  | Astorino       | Consumers Energy             | \$ 1,068.96   | Invoice #205011884497 - 03.06.22   | Monthly Utilities - 02.08.22 - 03.08.22              |                        |
|                       |  | Astorino       | Consumers Energy             | \$ 1,492.28   | Invoice #205723781384 - 03.06.22   | Monthly Utilities - 02.08.22 - 03.08.22              |                        |
|                       |  | Astorino       | De-Cal. Inc.                 | \$ 2,062.44   | Invoice #WO9211764 - 03.08.22      | Investigate Hydraulic Leak - Dewater Gate            |                        |
|                       |  | Astorino       | DTE Energy                   | \$ 1,056.06   | Invoice #22-084 - 02.28.22         | Monthly Electric - 02.01.22 - 02.28.22               |                        |
|                       |  | Astorino       | DTE Energy                   | \$ 9,643.96   | Invoice #22-102 - 03.08.22         | Monthly Electric - 02.08.22 - 03.08.22               |                        |
|                       |  | Astorino       | Fishbeck                     | \$ 8,304.50   | Invoice #409740 - 03.24.22         | Canal Rehab Project Plan 02.19.22 - 03.18.22         | \$ 93,276.62           |
|                       |  | Astorino       | In Motion, Inc.              | \$ 660.04     | Invoice #H-1009 - 03.01.22         | Hydraulic Valve Replacement                          |                        |
|                       |  | Astorino       | JCI Jones Chemicals Inc      | \$ 7,204.19   | Invoice #881372 - 03.16.22         | Hypochlorite Solution                                |                        |
|                       |  | Downing        | JF Cavanaugh                 | \$ 129,587.05 | Invoice #WO18350 Est #7 - 03.07.22 | Pump and Screen Improvements - Final                 |                        |
|                       |  | Astorino       | Macomb County Treasurer      | \$ 20,820.75  | Invoice #22-105 - 03.10.22         | Reimb Eq Fund - 2021 Ford F-150 Truck Construction   |                        |
|                       |  | Astorino       | Major Brands Oil             | \$ 736.00     | Invoice #0357604-IN - 01.25.22     | Storm Pump Greasers                                  |                        |
|                       |  | Wagner         | Pullman SST, Inc.            | \$ 106,337.36 | Invoice #WO21008 Est #5 - 04.05.22 | Chapaton Basin and 9 Mile Structural Repairs - Final |                        |
|                       |  | Astorino       | Rescue Training Services LLC | \$ 1,440.00   | Invoice #03192022 - 03.19.22       | 16 Hour Confined Space Training                      |                        |
|                       |  | Astorino       | Rescue Training Services LLC | \$ 670.00     | Invoice #03192022A - 03.19.22      | CPR Training   |                        |
|                       |  | <b>Total</b>   |                              |               | \$ 303,686.67                      |  |                        |



# ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

## PUBLIC WORKS DIVISION

|                              |            |              |
|------------------------------|------------|--------------|
| 1. PREPARED BY (Please Type) | 2. PHONE # | 3. DATE      |
| Kellie Kource                | 95337      | 3/21/22      |
| 4. SET ID                    |            | 5. POST DATE |
| VP220322KA                   |            |              |

| 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           | 22006 <del>59</del>                 | 3/14/2022        | \$ 6,070.00        |

| 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                               | 8210017M       | 93001      | CC0004                 | 93001      | WO19082               | 8 1/2 Mile Relief                             | Job #202110804, Scada Room Lighting   | \$ 6,070.00 | GEN     |          |            |
| B                               |                |            |                        |            |                       |   |                                       |             |         |          |            |
| C                               |                |            |                        |            |                       |   |                                       |             |         |          |            |
| D                               |                |            |                        |            |                       |   |                                       |             |         |          |            |
| E                               |                |            |                        |            |                       |   |                                       |             |         |          |            |
| F                               |                |            |                        |            |                       |   |                                       |             |         |          |            |
| G                               |                |            |                        |            |                       |   |                                       |             |         |          |            |

23. Total: \$ 6,070.00

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

|  |  |
|--|--|
| <p>25. Finance Officer: <u>BM/kk</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>4/5/2022</u></p> <p>33. Board Date: <u>4/11/2022</u></p> <p>34. Select For Pay Date: _____</p> |
|--|--|

# Colville Electric Co., LLC

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

*Chrysler Office Improvement*

## Invoice

|                  |            |
|------------------|------------|
| <b>DATE</b>      | 03/14/2022 |
| <b>INVOICE #</b> | 220059     |
| <b>TERMS</b>     | NET 30     |

|  |
|--|
| <b>BILL TO</b>   |
| Macomb County Office of Public Works<br>21777 Dunham Road<br>Clinton Township, MI, 48036 |

|  |
|--|
| <b>SERVICE LOCATION</b>  |
| Macomb County Office of Public Works<br><br>23001 Nine Mile Rd.<br>St. Clair Shores, MI, 48080 |

| JOB#      | DATE       | PO       | DESCRIPTION  |
|-----------|------------|----------|--|
| 202110804 | 12/28/2021 | PW000213 | Scada Room Lighting<br><b>Completion Notes:</b> 1/28/21- replaced lights in front offices. Ran new wire and installed thermostat in office<br>2/10/22 - ran conduit in garage to junction box under SCADA room. Started conduit inside SCADA room.<br>2/28/22- Relocated access control panel to SCADA room. Needs conduit/circuit ran for panel power.<br>3/1/22- Installed conduit and new circuit for access control panel. |

| Description   | Qty   | Rate       | Total      |
|---|-------|------------|------------|
| <b>Estimate</b><br>Replace existing fixtures with 2x4 LED.  | 12.00 | \$215.00   | \$2,580.00 |
| <b>Estimate</b><br>Relocate access control panel from garage to SCADA room.<br>Rework conduit in garage to door.<br>Rework conduit into SCADA room.<br>Install conduit from access control panel to IT rack.<br>All conduit to be threaded rigid.<br>Pull in wiring for DPS, Reader and Strike. | 1.00  | \$3,490.00 | \$3,490.00 |

**SUB-TOTAL:**  
\$6,070.00

**TIME & LABOR:**  
\$0.00

**EXPENSES:**  
\$0.00

**PMTS/DEPS:**  
\$0.00

**TOTAL DUE:**  
\$6,070.00

|                         |
|-------------------------|
| <b>CUSTOMER MESSAGE</b> |
|                         |

|                       |                   |
|-----------------------|-------------------|
| <b>Invoice Total:</b> | <b>\$6,070.00</b> |
| <b>Deposits (-):</b>  | <b>\$0.00</b>     |
| <b>Payments (-):</b>  | <b>\$0.00</b>     |
| <b>Total Due:</b>     | <b>\$6,070.00</b> |



Mark A. Hackel  
County Executive

# ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

## PUBLIC WORKS DIVISION

|                              |            |              |
|------------------------------|------------|--------------|
| 1. PREPARED BY (Please Type) | 2. PHONE # | 3. DATE      |
| Kellie Kource                | 95337      | 3/21/22      |
| 4. SET ID                    |            | 5. POST DATE |
| VP220322KA                   |            |              |

**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           | 220062                              | 3/14/2022        | \$ 981.67          |

**CHILD RECORD DETAIL INFORMATION**

| Line | General Ledger |            | Job Ledger                   |            | 16.<br>Work<br>Order<br>Number | OPTIONAL   | 18. Description (MAX = 30 CHARACTERS) | 19. Amount | 20.<br>DIV | 21. MISC | 22. Sep CK |
|------|----------------|------------|------------------------------|------------|--------------------------------|--|---------------------------------------|------------|------------|----------|------------|
|      | 12. Org Key    | 13. Object | 14.<br>Cost Center<br>(CCNT) | 15. Object |                                | 17. Secondary Reference<br>(MAX = 16 CHARACTERS) |                                       |            |            |          |            |
| A    | 8210017M       | 93001      | CC0004                       | 93001      | WO18006                        | 8 1/2 Mile Relief                                | Job #20220194, Shut down station      | \$ 981.67  | GEN        |          |            |
| B    |                |            |                              |            |                                |  |                                       |            |            |          |            |
| C    |                |            |                              |            |                                |  |                                       |            |            |          |            |
| D    |                |            |                              |            |                                |  |                                       |            |            |          |            |
| E    |                |            |                              |            |                                |  |                                       |            |            |          |            |
| F    |                |            |                              |            |                                |  |                                       |            |            |          |            |
| G    |                |            |                              |            |                                |  |                                       |            |            |          |            |

23. Total: \$ 981.67 REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

|   |   |
|---|---|
| 25. Finance Officer: <u>BM/kk</u><br>26. Chief Deputy: _____<br>27. Engineers: _____<br>28. Managers: _____<br>29. Coordinator: _____ | 30. Drain: <u>8 1/2 Mile Relief</u><br>31. Project Balance: <u>N/A</u><br>32. Staff Date: <u>4/5/2022</u><br>33. Board Date: <u>4/11/2022</u><br>34. Select For Pay Date: _____ |
|---|---|



# Colville Electric Co., LLC

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

# Invoice

*Chapton Repair & Maint*

|                  |            |
|------------------|------------|
| <b>DATE</b>      | 03/14/2022 |
| <b>INVOICE #</b> | 220062     |
| <b>TERMS</b>     | NET 30     |

| BILL TO  |
|--|
| Macomb County Office of Public Works<br>21777 Dunham Road<br>Clinton Township, MI, 48036 |

| SERVICE LOCATION   |
|--|
| Macomb County Office of Public Works<br><br>Chapton East |

| JOB#      | DATE       | PO | DESCRIPTION  |
|-----------|------------|----|--|
| 202200194 | 02/23/2022 |    | Shut down station.<br><b>Completion Notes:</b> 2/23/22- tested generator and emergency power at west building. Disconnect flushing actuator for replacement. |

| Description                         | Qty | Rate        | Total    |
|-------------------------------------|-----|-------------|----------|
| <b>02/23/2022 - Dave Colville</b>   |     |             |          |
| Labor Time (3hr 30min)              |     | \$150.00/hr | \$525.00 |
| <b>02/23/2022 - Nolan Derington</b> |     |             |          |
| Labor Time (4hr 34min)              |     | \$100.00/hr | \$456.67 |

|                             |                                      |                            |                             |                               |
|-----------------------------|--------------------------------------|----------------------------|-----------------------------|-------------------------------|
| <b>SUB-TOTAL:</b><br>\$0.00 | <b>TIME &amp; LABOR:</b><br>\$981.67 | <b>EXPENSES:</b><br>\$0.00 | <b>PMTS/DEPS:</b><br>\$0.00 | <b>TOTAL DUE:</b><br>\$981.67 |
|-----------------------------|--------------------------------------|----------------------------|-----------------------------|-------------------------------|

| CUSTOMER MESSAGE |
|------------------|
|                  |

|                       |                 |
|-----------------------|-----------------|
| <b>Invoice Total:</b> | <b>\$981.67</b> |
| <b>Deposits (-):</b>  | <b>\$0.00</b>   |
| <b>Payments (-):</b>  | <b>\$0.00</b>   |
| <b>Total Due:</b>     | <b>\$981.67</b> |



# ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

## PUBLIC WORKS DIVISION

|                              |            |              |
|------------------------------|------------|--------------|
| 1. PREPARED BY (Please Type) | 2. PHONE # | 3. DATE      |
| Kellie Kource                | 95337      | 3/21/22      |
| 4. SET ID                    |            | 5. POST DATE |
| VP220322 KA                  |            |              |

| 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           | 220065                              | 3/14/2022        | \$ 1,010.14        |

| CHILD RECORD DETAIL INFORMATION |                |            |                              |            |                                |  |                                       |             |            |          |            |
|---------------------------------|----------------|------------|------------------------------|------------|--------------------------------|--|---------------------------------------|-------------|------------|----------|------------|
| Line                            | General Ledger |            | Job Ledger                   |            | 16.<br>Work<br>Order<br>Number | OPTIONAL   | 18. Description (MAX = 30 CHARACTERS) | 19. Amount  | 20.<br>DIV | 21. MISC | 22. Sep CK |
|                                 | 12. Org Key    | 13. Object | 14.<br>Cost Center<br>(CCNT) | 15. Object |                                | 17. Secondary Reference<br>(MAX = 16 CHARACTERS) |                                       |             |            |          |            |
| A                               | 8210017M       | 93001      | CC0004                       | 93001      | WO18006                        | 8 1/2 Mile Relief                                | Job #202200253, Wire Flushing Valve   | \$ 1,010.14 | GEN        |          |            |
| B                               |                |            |                              |            |                                |  |                                       |             |            |          |            |
| C                               |                |            |                              |            |                                |  |                                       |             |            |          |            |
| D                               |                |            |                              |            |                                |  |                                       |             |            |          |            |
| E                               |                |            |                              |            |                                |  |                                       |             |            |          |            |
| F                               |                |            |                              |            |                                |  |                                       |             |            |          |            |
| G                               |                |            |                              |            |                                |  |                                       |             |            |          |            |

23. Total: \$ 1,010.14

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

|                                   |                                     |
|-----------------------------------|-------------------------------------|
| 25. Finance Officer: <u>BM/kk</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>4/5/2022</u>     |
| 28. Managers: _____               | 33. Board Date: <u>4/11/2022</u>    |
| 29. Coordinator: _____            | 34. Select For Pay Date: _____      |

# Colville Electric Co., LLC

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

# Invoice

|                  |            |
|------------------|------------|
| <b>DATE</b>      | 03/14/2022 |
| <b>INVOICE #</b> | 220065     |
| <b>TERMS</b>     | NET 30     |

*Chagater repair & maint*

| <b>BILL TO</b>   |
|--|
| Macomb County Office of Public Works<br>21777 Dunham Road<br>Clinton Township, MI, 48036 |

| <b>SERVICE LOCATION</b>  |
|--|
| Macomb County Office of Public Works<br><br>23001 Nine Mile Rd.<br>St. Clair Shores, MI, 48080 |

| <b>JOB#</b> | <b>DATE</b> | <b>PO</b> | <b>DESCRIPTION</b>  |
|-------------|-------------|-----------|---|
| 202200253   | 03/01/2022  |           | Wire flushing valve<br><b>Completion Notes:</b> 3/1/22- Wired replacement flushing valve actuator. Actuator works but closed limit needs to be adjusted.<br><br>3/2/22- Replaced limit switch gearbox assembly and adjusted limits. |

| <b>Description</b>  | <b>Qty</b> | <b>Rate</b> | <b>Total</b> |
|---|------------|-------------|--------------|
| <b>XP RDB 150100</b><br>Explosion Proof 1-1/2' to 1' Reducing Bushing | 2.00       | \$3.23      | \$6.46       |
| <b>XP RDB 100075</b><br>Explosion Proof 1' to 3/4' Reducing Bushing   | 2.00       | \$2.12      | \$4.24       |
| <b>CLS 075</b><br>3/4" Close Nipple                                   | 2.00       | \$1.80      | \$3.60       |
| <b>3/4" jake</b>  | 2.00       | \$4.28      | \$8.56       |
| <b>ST 075 CN</b><br>3/4' Liquidtite Metallic Conduit Connector        | 2.00       | \$6.14      | \$12.28      |
| <b>03/01/2022 - Jared Hayosh</b>                                      |            |             |              |
| Labor Time (2hr 17min)  |            | \$100.00/hr | \$228.33     |
| <b>03/01/2022 - Hayden Nicholson</b>                                  |            |             |              |
| Labor Time (2hr 17min)  |            | \$100.00/hr | \$228.33     |
| <b>03/02/2022 - Hayden Nicholson</b>                                  |            |             |              |
| Labor Time (2hr 37min)  |            | \$100.00/hr | \$261.67     |
| <b>03/02/2022 - Jared Hayosh</b>                                      |            |             |              |
| Labor Time (2hr 34min)  |            | \$100.00/hr | \$256.67     |

|                              |                                      |                            |                             |                                 |
|------------------------------|--------------------------------------|----------------------------|-----------------------------|---------------------------------|
| <b>SUB-TOTAL:</b><br>\$35.14 | <b>TIME &amp; LABOR:</b><br>\$975.00 | <b>EXPENSES:</b><br>\$0.00 | <b>PMTS/DEPS:</b><br>\$0.00 | <b>TOTAL DUE:</b><br>\$1,010.14 |
| <b>Invoice Total:</b>        |                                      |                            |                             | <b>\$1,010.14</b>               |

CUSTOMER MESSAGE

Deposits (-): \$0.00  
Payments (-): \$0.00  
Total Due: \$1,010.14





# ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

## PUBLIC WORKS DIVISION

|  |                            |                           |
|--|----------------------------|---------------------------|
| 1. PREPARED BY (Please Type)<br><b>Kellie Kource</b> | 2. PHONE #<br><b>95337</b> | 3. DATE<br><b>3/16/22</b> |
| 4. SET ID<br><b>FSB Bill Pay 3/16/22</b>             | 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 |
| CONSUMERS ENERGY                       | V01038           | 01           | SKJX7-BCFHV                         | 3/3/2022         | \$ 995.62          |

| CHILD RECORD DETAIL INFORMATION |                |            |                              |            |                                |  |                                       |            |            |          |            |
|---------------------------------|----------------|------------|------------------------------|------------|--------------------------------|--|---------------------------------------|------------|------------|----------|------------|
| Line                            | General Ledger |            | Job Ledger                   |            | 16.<br>Work<br>Order<br>Number | OPTIONAL   | 18. Description (MAX = 30 CHARACTERS) | 19. Amount | 20.<br>DIV | 21. MISC | 22. Sep CK |
|                                 | 12. Org Key    | 13. Object | 14.<br>Cost Center<br>(CCNT) | 15. Object |                                | 17. Secondary Reference<br>(MAX = 16 CHARACTERS) |                                       |            |            |          |            |
| A                               | 8210017M       | 92102      | CC0004                       | 92102      | WO18006                        | 8 1/2 Mile Relief                                | Ac#1000 0754 2333, 1/11-2/7           | \$ 995.62  | GEN        |          |            |
| B                               |                |            |                              |            |                                |  |                                       |            |            |          |            |
| C                               |                |            |                              |            |                                |  |                                       |            |            |          |            |
| D                               |                |            |                              |            |                                |  |                                       |            |            |          |            |
| E                               |                |            |                              |            |                                |  |                                       |            |            |          |            |
| F                               |                |            |                              |            |                                |  |                                       |            |            |          |            |
| G                               |                |            |                              |            |                                |  |                                       |            |            |          |            |

23. Total: \$ **995.62**

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

|   |   |
|---|---|
| 25. Finance Officer: <u>BM/kk</u><br>26. Chief Deputy: _____<br>27. Engineers: _____<br>28. Managers: _____<br>29. Coordinator: _____ | 30. Drain: <u>8 1/2 Mile Relief</u><br>31. Project Balance: <u>N/A</u><br>32. Staff Date: <u>4/5/2022</u><br>33. Board Date: <u>4/11/2022</u><br>34. Select For Pay Date: _____ |
|---|---|





**Questions:**  
 Visit: [ConsumersEnergy.com](http://ConsumersEnergy.com)  
 Call us: 800-805-0490

**Amount Due:** \$995.62  
**Please pay by:** March 03, 2022

In case of an emergency, call us immediately day or night at 1-800-477-5050.

**MACOMB COUNTY DRAIN COMMISSION**  
 21777 DUNHAM RD  
 CLINTON TOWNSHIP MI 48036-1005

▶ **Thank You** - We received your last payment of \$775.44 on February 02, 2022

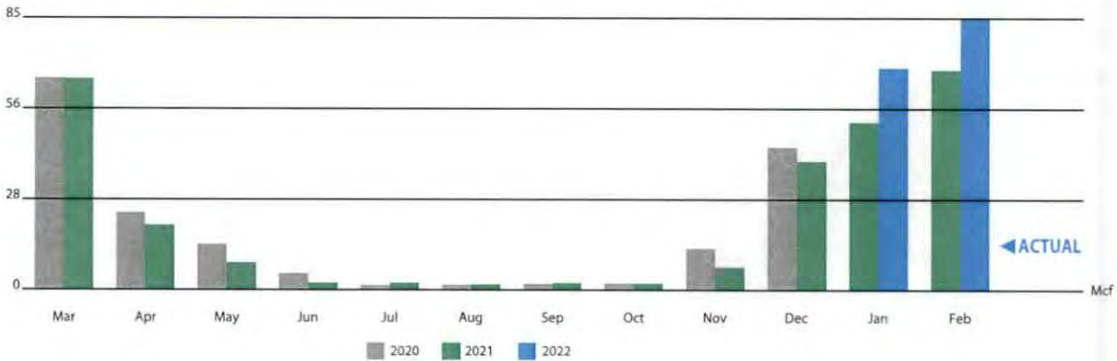
▶ **Service Address:**  
 22999 E 9 MILE RD  
 SAINT CLAIR SHORES MI  
 48080-0000

SKJX 7 - BC FHV

**February Energy Bill**

Service dates: January 11, 2022 - February 07, 2022 (28 days)

**Total Natural Gas Use** (Mcf - thousand cubic feet)



**February Natural Gas Use**  
 84.5 Mcf  
February 2021 use: 68 Mcf

**Cost per day:** \$35.56

**Mcf per day:** 3.018

**Prior 12 months of gas use:** 307 Mcf

**You are participating in Gas Customer Choice with an Alternative Gas Supplier.**

Your current price is \$7.50 per Mcf, which is determined by the supplier you have chosen and may include more than the gas commodity. Consumers Energy's gas commodity price, regulated by the Michigan Public Service Commission, is \$3.69 per Mcf. This is listed under Natural Gas Charges on the back. **Questions?** Call your supplier at 800-296-2203 or call us at 800-477-5050.

Learn more about Gas Customer Choice and compare prices at [www.Michigan.gov/CompareMIGas](http://www.Michigan.gov/CompareMIGas)

**COVID-19 HELP** COVID-19: The latest information can be found at [www.ConsumersEnergy.com/coronavirus](http://www.ConsumersEnergy.com/coronavirus). We are committed to the health and safety of our co-workers, customers and communities.

Fold, detach and mail this portion with your check made payable to Consumers Energy. Please write your account number on your check.



You can pay your bill by mail, by phone or online  
See reverse side for more information

Account: 1000 0754 2333

**Service Address:**  
 MACOMB COUNTY DRAIN COMMISSION  
 22999 E 9 MILE RD  
 SAINT CLAIR SHORES MI 48080-0000

**PAYMENT CENTER**  
 PO BOX 740309  
 CINCINNATI OH 45274-0309

**Amount Due:** \$995.62  
**Please pay by:** March 03, 2022  
 Enclosed:

I 100007542333 000000995621 0000 2056 4 000000000000 H



Need to talk to us? Visit [ConsumersEnergy.com](http://ConsumersEnergy.com)  
or call **800-805-0490**  
Hearing/speech impaired: Call 7-1-1

**Service Address:**  
22999 E 9 MILE RD.; SAINT CLAIR SHORES  
MI 48080-0000  
Account: **1000 0754 2333**

**Account Information**

Bill Month: February  
Service dates: 01/11/2022 - 02/07/2022  
Days Billed: 28  
Portion: 12 02/22

**Rate Information**

Gas Gen Serv Rate GS-1 - Com Cust Choice  
Rate: 277

**Meter Information**

Your next scheduled meter read date is on or around 03/10/2022

**Gas Service:**

AMR Meter  
Meter Number: 96516200  
POD Number: 0000000435094  
Beginning Read Date: 01-11  
Ending Read Date: 02-07  
Beginning Read: 4442  
Ending Read: 5287 (Actual)  
Differential: 845  
Constant: 0.1  
Correction factor: 1.00000  
Usage: 84.5 Mcf

Total Metered Energy Use: 84.5 Mcf

**February Energy Bill**

Invoice: 203854967313

**Account Summary**

|                              |               |
|------------------------------|---------------|
| Last Month's Account Balance | \$775.44      |
| Payment on February 02, 2022 | \$775.44-     |
| <b>Balance Forward</b>       | <b>\$0.00</b> |

Payments applied after Feb 09, 2022 are not included.

**Natural Gas Charges**

|                                   |                |                 |
|-----------------------------------|----------------|-----------------|
| Customer Charge                   |                | \$15.00         |
| Gas Distribution                  | 84.5@ 4.105000 | \$346.87        |
| Kratos Gas & Power (800/296-2203) |                |                 |
| Supplier Charge KR1               | 84.5@ 7.500000 | \$633.75        |
| <b>Total Natural Gas</b>          |                | <b>\$995.62</b> |

**Total Energy Charges \$995.62**

**Amount Due: \$995.62**

by March 03, 2022

If you pay after the due date, a 2% late payment charge will be added to your next bill.

Please make any inquiry or complaint about this bill before the due date listed on the front. Visit [ConsumersEnergy.com/aboutmybill](http://ConsumersEnergy.com/aboutmybill) for details about the above charges.

**NEWS AND INFORMATION**

Compare natural gas prices among Consumers Energy and other gas providers at [www.Michigan.gov/CompareMIGas](http://www.Michigan.gov/CompareMIGas).

Please see the insert for details on the

environmental characteristics of electricity delivered to customers.

Consumers Energy is regulated by the Michigan Public Service Commission, Lansing, Michigan

**Ways to pay your energy bill:**

**Auto-pay**  
Checking or savings  
**Auto-pay**  
Discover® MasterCard® or Visa®  
(Eligibility varies)

**eLockbox**  
via ACH  
Secure electronic payment with emailed remittance

**Same-day payment**  
ConsumersEnergy.com  
Discover® MasterCard® Visa® or eCheck

**Same-day payment**  
866-329-9593  
Discover® MasterCard® Visa® or eCheck

**By mail**  
Check, money order  
Consumers Energy Payment Center  
P.O. Box 740309  
Cincinnati, OH 45274-0309

**In person**  
Cash, check, card or money order  
Varies by authorized payment location  
Fee may apply





# ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

## PUBLIC WORKS DIVISION

|                              |            |              |
|------------------------------|------------|--------------|
| 1. PREPARED BY (Please Type) | 2. PHONE # | 3. DATE      |
| Kellie Kource                | 95337      | 3/16/22      |
| 4. SET ID                    |            | 5. POST DATE |
| FSB 3/16/22                  |            |              |

| 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 |
| CONSUMERS ENERGY                       | V01038           | 01           | SKJX7-BCZBD                         | 3/3/2022         | \$ 1,197.95        |

| CHILD RECORD DETAIL INFORMATION |                |            |                              |            |                                |  |                                       |             |            |          |            |
|---------------------------------|----------------|------------|------------------------------|------------|--------------------------------|--|---------------------------------------|-------------|------------|----------|------------|
| Line                            | General Ledger |            | Job Ledger                   |            | 16.<br>Work<br>Order<br>Number | OPTIONAL   | 18. Description (MAX = 30 CHARACTERS) | 19. Amount  | 20.<br>DIV | 21. MISC | 22. Sep CK |
|                                 | 12. Org Key    | 13. Object | 14.<br>Cost Center<br>(CCNT) | 15. Object |                                | 17. Secondary Reference<br>(MAX = 16 CHARACTERS) |                                       |             |            |          |            |
| A                               | 8210017M       | 92102      | CC0004                       | 92102      | WO18006                        | 8 1/2 MILE RELIEF                                | AC# 1000 0754 2523, 1/11-2/7          | \$ 1,197.95 | GEN        |          |            |
| B                               |                |            |                              |            |                                |  |                                       |             |            |          |            |
| C                               |                |            |                              |            |                                |  |                                       |             |            |          |            |
| D                               |                |            |                              |            |                                |  |                                       |             |            |          |            |
| E                               |                |            |                              |            |                                |  |                                       |             |            |          |            |
| F                               |                |            |                              |            |                                |  |                                       |             |            |          |            |
| G                               |                |            |                              |            |                                |  |                                       |             |            |          |            |

23. Total: \$ 1,197.95

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

|   |  |
|---|--|
| 25. Finance Officer: <u>BM/kk</u><br>26. Chief Deputy: _____<br>27. Engineers: _____<br>28. Managers: _____<br>29. Coordinator: _____ | 30. Drain: <u>8 1/2 MILE RELIEF</u><br>31. Project Balance: <u>N/A</u><br>32. Staff Date: <u>4/5/2022</u><br>33. Board Date: <u>4/1/2022</u><br>34. Select For Pay Date: _____ |
|---|--|



**Questions:**  
 Visit: [ConsumersEnergy.com](http://ConsumersEnergy.com)  
 Call us: 800-805-0490

**Amount Due:** \$1,197.95  
**Please pay by:** March 03, 2022

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

▶ **Thank You** - We received your last payment of \$1,096.35 on February 02, 2022

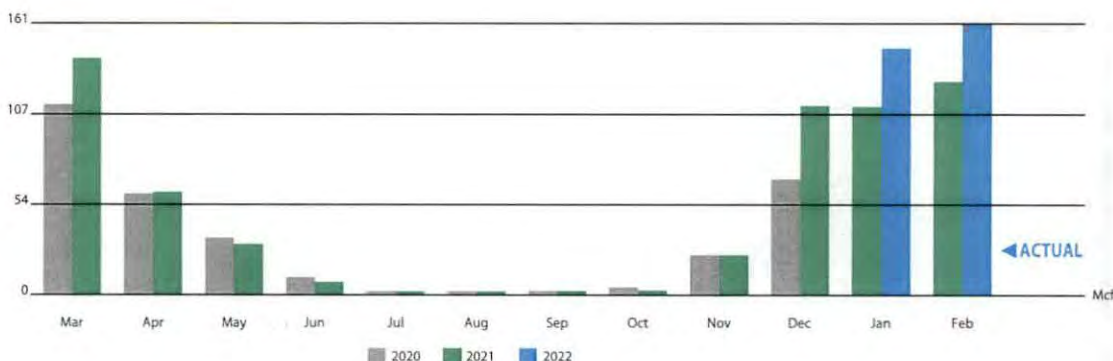
▶ **Service Address:**  
 23301 E 9 MILE RD  
 SAINT CLAIR SHORES MI  
 48080-0000

SKJX7-BCZBD

**February Energy Bill**

Service dates: January 11, 2022 - February 07, 2022 (28 days)

**Total Natural Gas Use** (Mcf - thousand cubic feet)



**February Natural Gas Use**  
**160.8 Mcf**  
February 2021 uses: 127 Mcf

**Cost per day:**  
**\$42.78**

**Mcf per day:**  
**5.743**

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

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



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



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



**COVID-19:** The latest information can be found at [www.ConsumersEnergy.com/coronavirus](http://www.ConsumersEnergy.com/coronavirus). We are committed to the health and safety of our co-workers, customers and communities.

Fold, detach and mail this portion with your check made payable to Consumers Energy. Please write your account number on your check.



You can pay your bill by mail, by phone or online  
See reverse side for more information

Account: 1000 0754 2523

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

**PAYMENT CENTER**  
 PO BOX 740309  
 CINCINNATI OH 45274-0309

**Amount Due:** \$1,197.95  
**Please pay by:** March 03, 2022  
**Enclosed:**

I 100007542523 000001197953 0000 2056 1 000000000000 H





Need to talk to us? Visit [ConsumersEnergy.com](http://ConsumersEnergy.com)  
or call **800-805-0490**  
Hearing/speech impaired: Call 7-1-1

**Service Address:**  
23301 E 9 MILE RD; SAINT CLAIR SHORES  
MI 48080-0000  
Account: **1000 0754 2523**

**Account Information**

Bill Month: February  
Service dates: 01/11/2022 - 02/07/2022  
Days Billed: 28  
Portion: 12 02/22

**Rate Information**

Gas Gen Serv Rate GS-2 - Com  
Rate: 262

**Meter Information**

Your next scheduled meter read  
date is on or around 03/10/2022

**Gas Service:**

AMR Meter  
Meter Number: 98117224  
POD Number: 000000435095  
Beginning Read Date: 01-11  
Ending Read Date: 02-07  
Beginning Read: 8580  
Ending Read: 188 (Actual)  
Differential: 1608  
Constant: 0.1  
Correction factor: 1.00000  
Usage: 160.8 Mcf

Total Metered Energy Use: 160.8 Mcf

**February Energy Bill**

Invoice: 203854967314

**Account Summary**

|                              |                    |
|------------------------------|--------------------|
| Last Month's Account Balance | \$1,096.35         |
| Payment on February 02, 2022 | <u>\$1,096.35-</u> |
| <b>Balance Forward</b>       | <b>\$0.00</b>      |

Payments applied after Feb 09, 2022 are not included.

**Natural Gas Charges**

|                          |                 |                   |
|--------------------------|-----------------|-------------------|
| Customer Charge          |                 | \$91.63           |
| Gas Distribution         | 160.8@ 3.185500 | \$512.23          |
| Gas Cost Recovery        | 160.8@ 3.694600 | <u>\$594.09</u>   |
| <b>Total Natural Gas</b> |                 | <b>\$1,197.95</b> |

**Total Energy Charges** **\$1,197.95**

**Amount Due: \$1,197.95**  
by March 03, 2022

If you pay after the due date, a 2% late payment charge will be added to your next bill.

Please make any inquiry or complaint about this bill before the due date listed on the front.  
Visit [ConsumersEnergy.com/aboutmybill](http://ConsumersEnergy.com/aboutmybill) for details about the above charges.

**NEWS AND INFORMATION**

Compare natural gas prices among Consumers Energy and other gas providers at [www.Michigan.gov/CompareMIGas](http://www.Michigan.gov/CompareMIGas).

Please see the insert for details on the

environmental characteristics of electricity delivered to customers.

Consumers Energy is regulated by the Michigan Public Service Commission, Lansing, Michigan

**Ways to pay your energy bill:**

|  |   |   |   |  |  |
|--|---|---|---|--|--|
| <br><b>Auto-pay</b><br>Checking or savings<br><br><b>Auto-pay</b><br>Discover® MasterCard®<br>or Visa®<br>(Eligibility varies) | <br><b>eLockbox</b><br>via ACH<br><br>Secure electronic<br>payment with<br>emailed remittance | <br><b>Same-day payment</b><br><a href="http://ConsumersEnergy.com">ConsumersEnergy.com</a><br><br>Discover® MasterCard®<br>Visa® or eCheck | <br><b>Same-day payment</b><br>866-329-9593<br><br>Discover® MasterCard®<br>Visa® or eCheck | <br><b>By mail</b><br>Check, money order<br><br>Consumers Energy<br>Payment Center<br>P.O. Box 740309<br>Cincinnati, OH 45274-0309 | <br><b>In person</b><br>Cash, check, card<br>or money order<br><br>Varies by authorized<br>payment location<br>Fee may apply |
|--|---|---|---|--|--|





# ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

## PUBLIC WORKS DIVISION

|                              |            |              |
|------------------------------|------------|--------------|
| 1. PREPARED BY (Please Type) | 2. PHONE # | 3. DATE      |
| Kellie Kource                | 95337      | 3/16/22      |
| 4. SET ID                    |            | 5. POST DATE |
| FSB Bill Pay 3/16/22         |            |              |

| 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 |
| CONSUMERS ENERGY                       | V01038           | 01           | SKJX7-BCQ7V                         | 3/3/2022         | \$ 1,776.74        |

| 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                               | 8210017M       | 92102      | CC0004                 | 92102      | WO18006               | 8 1/2 Mile Relief                             | 1000 0005 7313, 1/11-2/7/22           | \$ 1,776.74 | GEN     |          |            |
| B                               |                |            |                        |            |                       |   |                                       |             |         |          |            |
| C                               |                |            |                        |            |                       |   |                                       |             |         |          |            |
| D                               |                |            |                        |            |                       |   |                                       |             |         |          |            |
| E                               |                |            |                        |            |                       |   |                                       |             |         |          |            |
| F                               |                |            |                        |            |                       |   |                                       |             |         |          |            |
| G                               |                |            |                        |            |                       |   |                                       |             |         |          |            |

23. Total: \$ 1,776.74

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

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|   |   |
|---|---|
| 25. Finance Officer: <u>BM/kk</u><br>26. Chief Deputy: _____<br>27. Engineers: _____<br>28. Managers: _____<br>29. Coordinator: _____ | 30. Drain: <u>8 1/2 Mile Relief</u><br>31. Project Balance: <u>N/A</u><br>32. Staff Date: <u>4/5/2022</u><br>33. Board Date: <u>4/11/2022</u><br>34. Select For Pay Date: _____ |
|---|---|



**Questions:**  
 Visit: [ConsumersEnergy.com](http://ConsumersEnergy.com)  
 Call us: 800-805-0490

**Amount Due:** \$1,776.74  
**Please pay by:** March 03, 2022

In case of an emergency, call us immediately day or night at 1-800-477-5050.

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

▶ **Thank You** - We received your last payment of \$1,419.89 on February 02, 2022

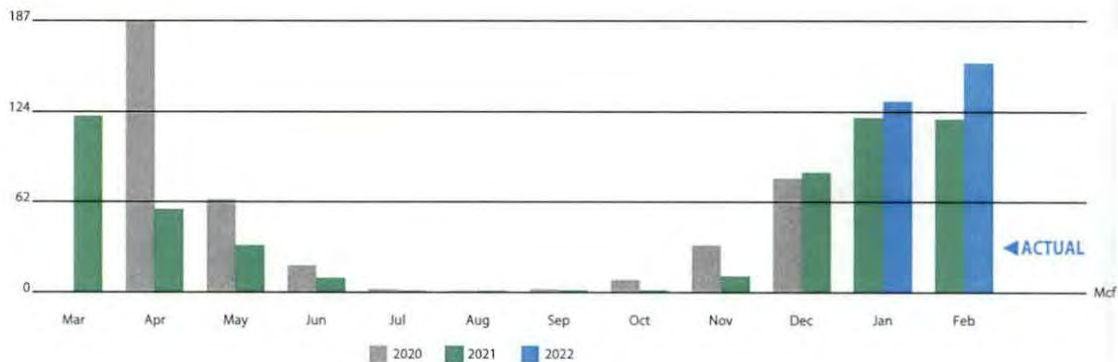
▶ **Service Address:**  
 23001 E 9 MILE RD  
 SAINT CLAIR SHORES MI  
 48080-1576

SKJX7-BCQ7V

**February Energy Bill**

Service dates: January 11, 2022 - February 07, 2022 (28 days)

**Total Natural Gas Use** (Mcf - thousand cubic feet)



**February Natural Gas Use**  
**157.7 Mcf**  
 February 2021 use: 120 Mcf

**Cost per day:**  
**\$63.46**

**Mcf per day:**  
**5.632**

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

**You are participating in Gas Customer Choice with an Alternative Gas Supplier.**



Your current price is \$7.50 per Mcf, which is determined by the supplier you have chosen and may include more than the gas commodity. Consumers Energy's gas commodity price, regulated by the Michigan Public Service Commission, is \$3.69 per Mcf. This is listed under Natural Gas Charges on the back. **Questions?** Call your supplier at 800-296-2203 or call us at 800-477-5050.

Learn more about Gas Customer Choice and compare prices at [www.Michigan.gov/CompareMIGas](http://www.Michigan.gov/CompareMIGas)



**COVID-19:** The latest information can be found at [www.ConsumersEnergy.com/coronavirus](http://www.ConsumersEnergy.com/coronavirus). We are committed to the health and safety of our co-workers, customers and communities.

Fold, detach and mail this portion with your check made payable to Consumers Energy. Please write your account number on your check.



**You can pay your bill by mail, by phone or online**  
 See reverse side for more information

Account: 1000 0005 7313

**Service Address:**  
 MACOMB CO DRAIN COMM  
 23001 E 9 MILE RD  
 SAINT CLAIR SHORES MI 48080-1576

**PAYMENT CENTER**  
 PO BOX 740309  
 CINCINNATI OH 45274-0309

**Amount Due:** \$1,776.74  
**Please pay by:** March 03, 2022  
 Enclosed:

I 100000057313 000001776749 0000 2056 0 000000000000 H





Need to talk to us? Visit [ConsumersEnergy.com](http://ConsumersEnergy.com)  
or call **800-805-0490**  
Hearing/speech impaired: Call 7-1-1

**Service Address:**  
23001 E 9 MILE RD; SAINT CLAIR SHORES  
MI 48080-1576  
Account: **1000 0005 7313**

## Account Information

Bill Month: February  
Service dates: 01/11/2022 - 02/07/2022  
Days Billed: 28  
Portion: 12 02/22

## Rate Information

Gas Gen Serv Rate GS-2 - Com Cust Choice  
Rate: 278

## Meter Information

Your next scheduled meter read  
date is on or around 03/10/2022

### Gas Service:

AMR Meter  
Meter Number: 96482875  
POD Number: 000003537725  
Beginning Read Date: 01-11  
Ending Read Date: 02-07  
Beginning Read: 9445  
Ending Read: 11006 (Actual)  
Differential: 1561  
Constant: 0.1  
Correction factor: 1.01028  
Usage: 157.7 Mcf

Total Metered Energy Use: 157.7 Mcf

## February Energy Bill

Invoice: 205901734099

### Account Summary

|                              |                    |
|------------------------------|--------------------|
| Last Month's Account Balance | \$1,419.89         |
| Payment on February 02, 2022 | <u>\$1,419.89-</u> |
| <b>Balance Forward</b>       | <b>\$0.00</b>      |

Payments applied after Feb 09, 2022 are not included.

### Natural Gas Charges

|  |                 |                   |
|--|-----------------|-------------------|
| Customer Charge                              |                 | \$91.63           |
| Gas Distribution                             | 157.7@ 3.185500 | \$502.36          |
| <b>Kratos Gas &amp; Power (800/296-2203)</b> |                 |                   |
| Supplier Charge KR1                          | 157.7@ 7.500000 | \$1,182.75        |
| <b>Total Natural Gas</b>                     |                 | <b>\$1,776.74</b> |

|                             |                   |
|-----------------------------|-------------------|
| <b>Total Energy Charges</b> | <b>\$1,776.74</b> |
|-----------------------------|-------------------|

**Amount Due:** **\$1,776.74**  
by March 03, 2022

If you pay after the due date, a 2% late payment charge  
will be added to your next bill.

Please make any inquiry or complaint about this bill before the due date listed on the front.  
Visit [ConsumersEnergy.com/aboutmybill](http://ConsumersEnergy.com/aboutmybill) for details about the above charges.

## NEWS AND INFORMATION

Compare natural gas prices among Consumers  
Energy and other gas providers at  
[www.Michigan.gov/CompareMIGas](http://www.Michigan.gov/CompareMIGas).

Please see the insert for details on the

environmental characteristics of electricity delivered  
to customers.

Consumers Energy is regulated by the Michigan Public Service Commission, Lansing, Michigan

## Ways to pay your energy bill:



**Auto-pay**  
Checking or savings

**Auto-pay**  
Discover® MasterCard®  
or Visa®  
(Eligibility varies)



**eLockbox**  
via ACH

Secure electronic  
payment with  
enailed remittance



**Same-day payment**  
[ConsumersEnergy.com](http://ConsumersEnergy.com)

Discover® MasterCard®  
or Visa® or eCheck



**Same-day payment**  
866-329-9593

Discover® MasterCard®  
or Visa® or eCheck



**By mail**  
Check, money order

Consumers Energy  
Payment Center  
P.O. Box 740306  
Cincinnati, OH 45274-0309



**In person**  
Cash, check, card  
or money order

Varies by authorized  
payment location  
Fee may apply



# ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

## PUBLIC WORKS DIVISION

|                              |            |              |
|------------------------------|------------|--------------|
| 1. PREPARED BY (Please Type) | 2. PHONE # | 3. DATE      |
| Kellie Kource                | 95337      | 3/22/22      |
| 4. SET ID                    |            | 5. POST DATE |
| VP220321KUA                  |            |              |

| 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 |
| CONSUMERS ENERGY                       | V01038           | 01           | 205011884496                        | 3/6/2022         | \$ 570.96          |

| 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                               | 8210017M       | 92102      | CC0004                 | 92102      | WO18006               | 8 1/2 Mile Relief                             | Ac#1000 0754 2333, 2/8-3/8            | \$ 570.96  | GEN     |          |            |
| B                               |                |            |                        |            |                       |   |                                       |            |         |          |            |
| C                               |                |            |                        |            |                       |   |                                       |            |         |          |            |
| D                               |                |            |                        |            |                       |   |                                       |            |         |          |            |
| E                               |                |            |                        |            |                       |   |                                       |            |         |          |            |
| F                               |                |            |                        |            |                       |   |                                       |            |         |          |            |
| G                               |                |            |                        |            |                       |   |                                       |            |         |          |            |

23. Total: \$ 570.96

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

|   |   |
|---|---|
| 25. Finance Officer: <u>BM/kk</u><br>26. Chief Deputy: _____<br>27. Engineers: _____<br>28. Managers: _____<br>29. Coordinator: _____ | 30. Drain: <u>8 1/2 Mile Relief</u><br>31. Project Balance: <u>N/A</u><br>32. Staff Date: <u>4/5/2022</u><br>33. Board Date: <u>4/11/2022</u><br>34. Select For Pay Date: _____ |
|---|---|





**Questions:**  
 Visit: [ConsumersEnergy.com](http://ConsumersEnergy.com)  
 Call us: 800-805-0490

**Amount Due: \$1,586.49**  
**Please pay by: April 04, 2022**

In case of an emergency, call us immediately day or night at 1-800-477-5050.

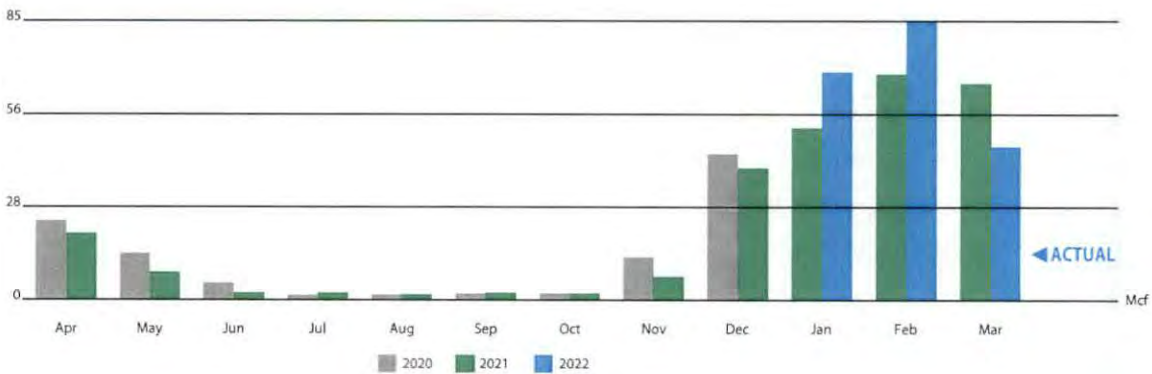
**MACOMB COUNTY DRAIN COMMISSION**  
 21777 DUNHAM RD  
 CLINTON TOWNSHIP MI 48036-1005

- ▶ **Reminder - previous amount due 03/03/22. Please pay your previous amount to avoid credit action. Thank you.**
- ▶ **Service Address:**  
 22999 E 9 MILE RD  
 SAINT CLAIR SHORES MI  
 48080-0000

### March Energy Bill

Service dates: February 08, 2022 - March 08, 2022 (29 days)

**Total Natural Gas Use** (Mcf - thousand cubic feet)



**March Natural Gas Use**  
**46.7 Mcf**  
March 2021 use: 66 Mcf

**Cost per day:**  
**\$19.69**

**Mcf per day:**  
**1.610**

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

**You are participating in Gas Customer Choice with an Alternative Gas Supplier.**



Your current price is \$7.80 per Mcf, which is determined by the supplier you have chosen and may include more than the gas commodity. Consumers Energy's gas commodity price, regulated by the Michigan Public Service Commission, is \$4.16 per Mcf. This is listed under Natural Gas Charges on the back. **Questions?** Call your supplier at 800-296-2203 or call us at 800-477-5050.

Learn more about Gas Customer Choice and compare prices at [www.Michigan.gov/CompareMIGas](http://www.Michigan.gov/CompareMIGas)



**Explore Energy Efficiency Solutions for Your Business**

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



**Get started**  
[www.ConsumersEnergy.com/startsaving](http://www.ConsumersEnergy.com/startsaving)

Fold, detach and mail this portion with your check made payable to Consumers Energy. Please write your account number on your check.



**You can pay your bill by mail, by phone or online**  
See reverse side for more information

Account: 1000 0754 2333

**Service Address:**  
 MACOMB COUNTY DRAIN COMMISSION  
 22999 E 9 MILE RD  
 SAINT CLAIR SHORES MI 48080-0000

**PAYMENT CENTER**  
 PO BOX 740309  
 CINCINNATI OH 45274-0309

**Amount Due: \$1,586.49**  
**Please pay by: April 04, 2022**  
 Enclosed:



**Account Information**

Bill Month: March  
Service dates: 02/08/2022 - 03/08/2022  
Days Billed: 29  
Portion: 12 03/22

**Rate Information**

Gas Gen Serv Rate GS-1 - Com Cust Choice  
Rate: 277

**Meter Information**

Your next scheduled meter read  
date is on or around 04/08/2022

**Gas Service:**

AMR Meter  
Meter Number: 96516200  
POD Number: 0000000435094  
Beginning Read Date: 02-08  
Ending Read Date: 03-08  
Beginning Read: 5287  
Ending Read: 5754 (Actual)  
Differential: 467  
Constant: 0.1  
Correction factor: 1.00000  
Usage: 46.7 Mcf

Total Metered Energy Use: 46.7 Mcf

**March Energy Bill**

Invoice: 205011884496

**Account Summary**

|                              |          |
|------------------------------|----------|
| Last Month's Account Balance | \$995.62 |
| Balance Forward              | \$995.62 |
| Late Payment Charge          | \$19.91  |

paid

Reminder - previous amount due 03/03/22. Please pay your previous amount to avoid credit action. Thank you.

Payments applied after Mar 11, 2022 are not included.

**Natural Gas Charges**

|                  |                |          |
|------------------|----------------|----------|
| Customer Charge  |                | \$15.00  |
| Gas Distribution | 46.7@ 4.105000 | \$191.70 |

**Kratos Gas & Power (800/296-2203)**

|                     |                |          |
|---------------------|----------------|----------|
| Supplier Charge KR1 | 46.7@ 7.800000 | \$364.26 |
|---------------------|----------------|----------|

**Total Natural Gas** \$570.96

**Total Energy Charges** \$570.96

**Amount Due:** \$1,586.49

by April 04, 2022

If you pay after the due date, a 2% late payment charge will be added to your next bill.

Please make any inquiry or complaint about this bill before the due date listed on the front. Visit [ConsumersEnergy.com/aboutmybill](http://ConsumersEnergy.com/aboutmybill) for details about the above charges.

**NEWS AND INFORMATION**

**Compare natural gas prices** among Consumers Energy and other gas providers at [www.Michigan.gov/CompareMIGas](http://www.Michigan.gov/CompareMIGas).

**ALERT: Beware of unauthorized payment centers or phone and email scams regarding utility payments:** Consumers Energy never demands payment using only a prepaid card. For your

convenience, you can find a payment center near you or choose from many other secure payment options at [www.ConsumersEnergy.com/waystopay](http://www.ConsumersEnergy.com/waystopay).

Consumers Energy is regulated by the Michigan Public Service Commission, Lansing, Michigan

**Ways to pay your energy bill:**



**Auto-pay**  
Checking or savings  
**Auto-pay**  
Discover® MasterCard® or Visa®  
(Eligibility varies)



**eLockbox**  
via ACH  
Secure electronic payment with emailed remittance



**Same-day payment**  
[ConsumersEnergy.com](http://ConsumersEnergy.com)  
Discover® MasterCard® Visa® or eCheck



**Same-day payment**  
866-329-9593  
Discover® MasterCard® Visa® or eCheck



**By mail**  
Check, money order  
Consumers Energy Payment Center  
P.O. Box 740309  
Cincinnati, OH 45274-0309



**In person**  
Cash, check, card or money order  
Varies by authorized payment location  
Fee may apply



# ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

## PUBLIC WORKS DIVISION

|                              |            |              |
|------------------------------|------------|--------------|
| 1. PREPARED BY (Please Type) | 2. PHONE # | 3. DATE      |
| Kellie Kource                | 95337      | 3/21/22      |
| 4. SET ID                    |            | 5. POST DATE |
| VP220321 KWA                 |            |              |

| 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 |
| CONSUMERS ENERGY                       | V01038           | 01           | 205011884497                        | 3/6/2022         | \$ 1,068.96        |

| 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                               | 8210017M       | 92102      | CC0004                 | 92102      | WO18006               | 8 1/2 MILE RELIEF                             | AC# 1000 0754 2523, 2/8-3/8           | \$ 1,068.96 | GEN     |          |            |
| B                               |                |            |                        |            |                       |   |                                       |             |         |          |            |
| C                               |                |            |                        |            |                       |   |                                       |             |         |          |            |
| D                               |                |            |                        |            |                       |   |                                       |             |         |          |            |
| E                               |                |            |                        |            |                       |   |                                       |             |         |          |            |
| F                               |                |            |                        |            |                       |   |                                       |             |         |          |            |
| G                               |                |            |                        |            |                       |   |                                       |             |         |          |            |

23. Total: \$ 1,068.96

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

|  |  |
|--|--|
| <p>25. Finance Officer: <u>BM/kk</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>4/5/2022</u></p> <p>33. Board Date: <u>4/11/2022</u></p> <p>34. Select For Pay Date: _____</p> |
|--|--|





**Questions:**  
 Visit: [ConsumersEnergy.com](http://ConsumersEnergy.com)  
 Call us: 800-805-0490

**Amount Due: \$2,290.87**  
**Please pay by: April 04, 2022**

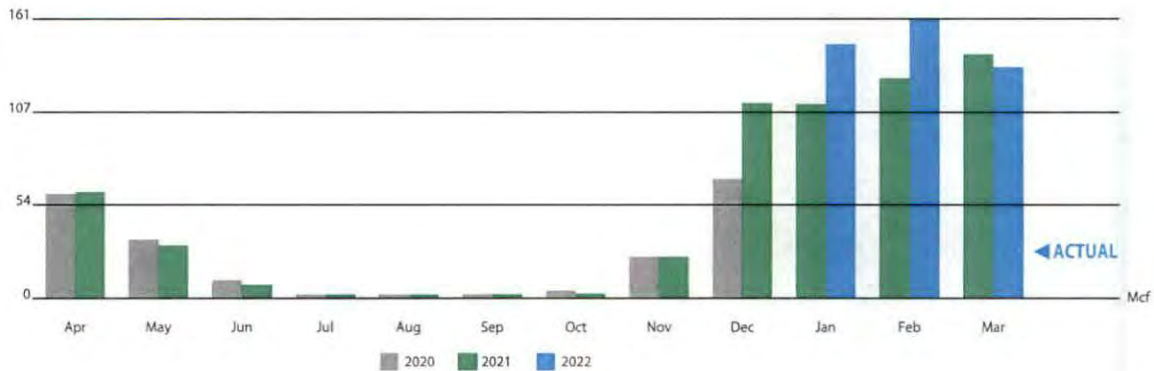
ATTN PUBLIC WORKS  
 MACOMB COUNTY  
 21777 DUNHAM RD  
 CLINTON TOWNSHIP MI 48036-1005

- ▶ **Reminder - previous amount due 03/03/22. Please pay your previous amount to avoid credit action. Thank you.**
- ▶ **Service Address:**  
 23301 E 9 MILE RD  
 SAINT CLAIR SHORES MI  
 48080-0000

**March Energy Bill**

Service dates: February 08, 2022 - March 08, 2022 (29 days)

**Total Natural Gas Use** (Mcf - thousand cubic feet)



**March Natural Gas Use** **133.1 Mcf**  
March 2021 use: 141 Mcf

**Cost per day:** **\$36.86**

**Mcf per day:** **4.590**

**Prior 12 months of gas use:** **686 Mcf**

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

- Downed power lines.** Stay 25 feet away. Call from a safe location.
- If you smell natural gas.** If the "rotten egg" odor of gas is apparent, call from a safe location.

**Explore Energy Efficiency Solutions for Your Business**

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

**Get started**  
[www.ConsumersEnergy.com/startsaving](http://www.ConsumersEnergy.com/startsaving)

Fold, detach and mail this portion with your check made payable to Consumers Energy. Please write your account number on your check.



**You can pay your bill by mail, by phone or online**  
See reverse side for more information

Account: 1000 0754 2523

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

**PAYMENT CENTER**  
 PO BOX 740309  
 CINCINNATI OH 45274-0309

**Amount Due: \$2,290.87**  
**Please pay by: April 04, 2022**  
**Enclosed:**

**Account Information**

Bill Month: March  
Service dates: 02/08/2022 - 03/08/2022  
Days Billed: 29  
Portion: 12 03/22

**Rate Information**

Gas Gen Serv Rate GS-2 - Com  
Rate: 262

**Meter Information**

Your next scheduled meter read  
date is on or around 04/08/2022

**Gas Service:**

AMR Meter  
Meter Number: 98117224  
POD Number: 000000435095  
Beginning Read Date: 02-08  
Ending Read Date: 03-08  
Beginning Read: 188  
Ending Read: 1519 (Actual)  
Differential: 1331  
Constant: 0.1  
Correction factor: 1.00000  
Usage: 133.1 Mcf

Total Metered Energy Use: 133.1 Mcf

**March Energy Bill**

Invoice: 205011884497

**Account Summary**

|                              |            |
|------------------------------|------------|
| Last Month's Account Balance | \$1,197.95 |
| Balance Forward              | \$1,197.95 |
| Late Payment Charge          | \$23.96    |

*paid*

Reminder - previous amount due 03/03/22. Please pay your previous amount to avoid credit action. Thank you.

Payments applied after Mar 11, 2022 are not included.

**Natural Gas Charges**

|                          |                 |                   |
|--------------------------|-----------------|-------------------|
| Customer Charge          |                 | \$91.63           |
| Gas Distribution         | 133.1@ 3.185500 | \$423.99          |
| Gas Cost Recovery        | 133.1@ 4.157300 | \$553.34          |
| <b>Total Natural Gas</b> |                 | <b>\$1,068.96</b> |

**Total Energy Charges**

**\$1,068.96**

**Amount Due:**

by April 04, 2022

**\$2,290.87**

If you pay after the due date, a 2% late payment charge will be added to your next bill.

Please make any inquiry or complaint about this bill before the due date listed on the front. Visit [ConsumersEnergy.com/aboutmybill](http://ConsumersEnergy.com/aboutmybill) for details about the above charges.

**NEWS AND INFORMATION**

Compare natural gas prices among Consumers Energy and other gas providers at [www.Michigan.gov/CompareMIGas](http://www.Michigan.gov/CompareMIGas).

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convenience, you can find a payment center near you or choose from many other secure payment options at [www.ConsumersEnergy.com/waystopay](http://www.ConsumersEnergy.com/waystopay).

Consumers Energy is regulated by the Michigan Public Service Commission, Lansing, Michigan

**Ways to pay your energy bill:**



**Auto-pay**  
Checking or savings  
**Auto-pay**  
Discover® MasterCard® or Visa®  
(Eligibility varies)



**eLockbox**  
via ACH  
Secure electronic payment with emailed remittance



**Same-day payment**  
[ConsumersEnergy.com](http://ConsumersEnergy.com)  
Discover® MasterCard® Visa® or eCheck



**Same-day payment**  
866-329-9593  
Discover® MasterCard® Visa® or eCheck



**By mail**  
Check, money order  
Consumers Energy Payment Center  
P.O. Box 749309  
Cincinnati, OH 45274-0209



**In person**  
Cash, check, card or money order  
Varies by authorized payment location  
Fee may apply





# ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

## PUBLIC WORKS DIVISION

|                              |            |              |
|------------------------------|------------|--------------|
| 1. PREPARED BY (Please Type) | 2. PHONE # | 3. DATE      |
| Kellie Kource                | 95337      | 3/21/22      |
| 4. SET ID                    |            | 5. POST DATE |
| VP220321KUA                  |            |              |

| 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 |
| CONSUMERS ENERGY                       | V01038           | 01           | 205723781384                        | 3/6/2022         | \$ 1,492.28        |

| CHILD RECORD DETAIL INFORMATION |                |            |                              |            |                                |  |  |                                       |             |            |          |            |
|---------------------------------|----------------|------------|------------------------------|------------|--------------------------------|--|--|---------------------------------------|-------------|------------|----------|------------|
| Line                            | General Ledger |            | Job Ledger                   |            | 16.<br>Work<br>Order<br>Number | OPTIONAL   |  | 18. Description (MAX = 30 CHARACTERS) | 19. Amount  | 20.<br>DIV | 21. MISC | 22. Sep CK |
|                                 | 12. Org Key    | 13. Object | 14.<br>Cost Center<br>(CCNT) | 15. Object |                                | 17. Secondary Reference<br>(MAX = 16 CHARACTERS) |  |                                       |             |            |          |            |
| A                               | 8210017M       | 92102      | CC0004                       | 92102      | WO18006                        | 8 1/2 Mile Relief                                |  | 1000 0005 7313, 2/8-3/8               | \$ 1,492.28 | GEN        |          |            |
| B                               |                |            |                              |            |                                |  |  |                                       |             |            |          |            |
| C                               |                |            |                              |            |                                |  |  |                                       |             |            |          |            |
| D                               |                |            |                              |            |                                |  |  |                                       |             |            |          |            |
| E                               |                |            |                              |            |                                |  |  |                                       |             |            |          |            |
| F                               |                |            |                              |            |                                |  |  |                                       |             |            |          |            |
| G                               |                |            |                              |            |                                |  |  |                                       |             |            |          |            |

23. Total: \$ 1,492.28 REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

|   |   |
|---|---|
| 25. Finance Officer: <u>BM/kk</u><br>26. Chief Deputy: _____<br>27. Engineers: _____<br>28. Managers: _____<br>29. Coordinator: _____ | 30. Drain: <u>8 1/2 Mile Relief</u><br>31. Project Balance: <u>N/A</u><br>32. Staff Date: <u>4/5/2022</u><br>33. Board Date: <u>4/11/2022</u><br>34. Select For Pay Date: _____ |
|---|---|



**Questions:**  
 Visit: [ConsumersEnergy.com](http://ConsumersEnergy.com)  
 Call us: 800-805-0490

**Amount Due: \$3,304.55**  
**Please pay by: April 04, 2022**

In case of an emergency, call us immediately day or night at 1-800-477-5050.

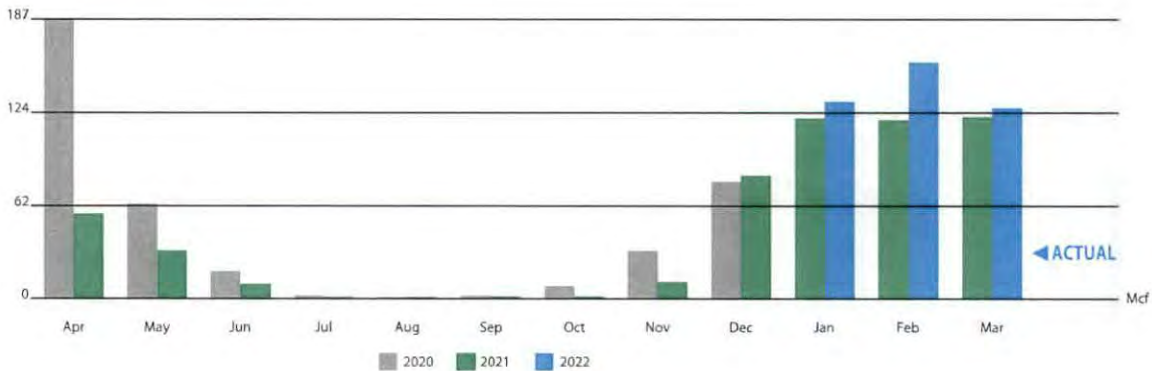
**CHAPTON PUMPING STATION  
 MACOMB CO DRAIN COMM  
 21777 DUNHAM RD  
 CLINTON TOWNSHIP MI 48036-1005**

- ▶ **Reminder - previous amount due 03/03/22. Please pay your previous amount to avoid credit action. Thank you.**
- ▶ **Service Address:**  
 23001 E 9 MILE RD  
 SAINT CLAIR SHORES MI  
 48080-1576

**March Energy Bill**

Service dates: February 08, 2022 - March 08, 2022 (29 days)

**Total Natural Gas Use** (Mcf - thousand cubic feet)



**March Natural Gas Use**  
**127.5 Mcf**  
 March 2021 use: 122 Mcf



Cost per day:  
**\$51.46**



Mcf per day:  
**4.397**



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

**You are participating in Gas Customer Choice with an Alternative Gas Supplier.**

Your current price is \$7.80 per Mcf, which is determined by the supplier you have chosen and may include more than the gas commodity. Consumers Energy's gas commodity price, regulated by the Michigan Public Service Commission, is \$4.16 per Mcf. This is listed under Natural Gas Charges on the back. **Questions?** Call your supplier at 800-296-2203 or call us at 800-477-5050.

Learn more about Gas Customer Choice and compare prices at [www.Michigan.gov/CompareMIGas](http://www.Michigan.gov/CompareMIGas)



**Explore Energy Efficiency Solutions for Your Business**

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



**Get started**  
[www.ConsumersEnergy.com/startsaving](http://www.ConsumersEnergy.com/startsaving)

Fold, detach and mail this portion with your check made payable to Consumers Energy. Please write your account number on your check.



**You can pay your bill by mail, by phone or online**  
 See reverse side for more information

Account: 1000 0005 7313

**Service Address:**  
 MACOMB CO DRAIN COMM  
 23001 E 9 MILE RD  
 SAINT CLAIR SHORES MI 48080-1576

**PAYMENT CENTER**  
 PO BOX 740309  
 CINCINNATI OH 45274-0309

**Amount Due: \$3,304.55**  
**Please pay by: April 04, 2022**  
**Enclosed:**



**Account Information**

Bill Month: March  
Service dates: 02/08/2022 - 03/08/2022  
Days Billed: 29  
Portion: 12 03/22

**Rate Information**

Gas Gen Serv Rate GS-2 - Com Cust Choice  
Rate: 278

**Meter Information**

Your next scheduled meter read  
date is on or around 04/08/2022

**Gas Service:**

AMR Meter  
Meter Number: 96482875  
POD Number: 0000003537725  
Beginning Read Date: 02-08  
Ending Read Date: 03-08  
Beginning Read: 11006  
Ending Read: 12268 (Actual)  
Differential: 1262  
Constant: 0.1  
Correction factor: 1.01028  
Usage: 127.5 Mcf

Total Metered Energy Use: 127.5 Mcf

**March Energy Bill**

Invoice: 205723781384

**Account Summary**

|                              |            |
|------------------------------|------------|
| Last Month's Account Balance | \$1,776.74 |
| Balance Forward              | \$1,776.74 |
| Late Payment Charge          | \$35.53    |

*paid*

Reminder - previous amount due 03/03/22. Please pay your previous amount to avoid credit action. Thank you.

Payments applied after Mar 11, 2022 are not included.

**Natural Gas Charges**

|                  |                 |          |
|------------------|-----------------|----------|
| Customer Charge  |                 | \$91.63  |
| Gas Distribution | 127.5@ 3.185500 | \$406.15 |

|                                   |                 |          |
|-----------------------------------|-----------------|----------|
| Kratos Gas & Power (800/296-2203) |                 |          |
| Supplier Charge KR1               | 127.5@ 7.800000 | \$994.50 |

**Total Natural Gas** **\$1,492.28**

**Total Energy Charges** **\$1,492.28**

**Amount Due:** **\$3,304.55**

by April 04, 2022

If you pay after the due date, a 2% late payment charge will be added to your next bill.

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Consumers Energy is regulated by the Michigan Public Service Commission, Lansing, Michigan

**Ways to pay your energy bill:**

|  |  |   |   |  |   |
|--|--|---|---|--|---|
| <br><b>Auto-pay</b><br>Checking or savings<br><b>Auto-pay</b><br>Discover® MasterCard® or Visa®<br>(Eligibility varies) | <br><b>eLockbox</b><br>via ACH<br>Secure electronic payment with emailed remittance | <br><b>Same-day payment</b><br><a href="http://ConsumersEnergy.com">ConsumersEnergy.com</a><br>Discover® MasterCard® Visa® or eCheck | <br><b>Same-day payment</b><br>866-329-9593<br>Discover® MasterCard® Visa® or eCheck | <br><b>By mail</b><br>Check, money order<br>Consumers Energy Payment Center<br>P.O. Box 740309<br>Cincinnati, OH 45274-0309 | <br><b>In person</b><br>Cash, check, card or money order<br>Varies by authorized payment location<br>Fee may apply |
|--|--|---|---|--|---|



# ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

## PUBLIC WORKS DIVISION

|  |                            |                          |
|--|----------------------------|--------------------------|
| 1. PREPARED BY (Please Type)<br><b>Kellie Kource</b> | 2. PHONE #<br><b>95337</b> | 3. DATE<br><b>3/9/22</b> |
| 4. SET ID<br><b>VP220311KA</b>                       | 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 |
| De-Cal, Inc.                           | V59694           | 01           | WO9211764                           | 3/8/2022         | \$ 2,062.44        |

| 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                               | 8210017M       | 93002      | CC0004                 | 93002      | WO18006               | 8 1/2 Mile Relief                             | Job #9211764                          | \$ 2,062.44 | GEN     |          |            |
| B                               |                |            |                        |            |                       |   |                                       |             |         |          |            |
| C                               |                |            |                        |            |                       |   |                                       |             |         |          |            |
| D                               |                |            |                        |            |                       |   |                                       |             |         |          |            |
| E                               |                |            |                        |            |                       |   |                                       |             |         |          |            |
| F                               |                |            |                        |            |                       |   |                                       |             |         |          |            |
| G                               |                |            |                        |            |                       |   |                                       |             |         |          |            |

23. Total: \$ **2,062.44** REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:  
Hydrolic Leak

|   |  |
|---|--|
| 25. Finance Officer: <u>BM/kk</u><br>26. Chief Deputy: _____<br>27. Engineers: _____<br>28. Managers: _____<br>29. Coordinator: _____ | 30. Drain: <u>8.5 Mile Relief</u><br>31. Project Balance: <u>N/A</u><br>32. Staff Date: <u>3/15/2022</u><br>33. Board Date: <u>4/11/2022</u><br>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 #:** WO9211764

**Date:** 03/08/2022

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

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

|                    |                                  |                        |
|--------------------|----------------------------------|------------------------|
| <b>Client PO#:</b> | <b>Employee:</b> Cliff Wilkerson | <b>Due Terms:</b> 30DY |
|--------------------|----------------------------------|------------------------|

| Assembly# | Part# | Description  | Quantity | Price        | Ext Price | Sales Tax |
|-----------|-------|--------------|----------|--------------|-----------|-----------|
|           |       | See Attached | 1.0000   | 2,062.440000 | 2,062.44  | N         |

**Notes:**

Please 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!**

|                                |
|--------------------------------|
| <b>Amount Due: \$ 2,062.44</b> |
|--------------------------------|



# Service Report

Service Report No : 9211764-1



Date: August 20, 2021

Client P.O. #: N/A

**HVAC Service**

**Further Work Required**

---

**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:**

8-20 Kris called, wanted me too look at hydraulic leak on piping on retention basing lift gate

**Description of Service:**

8- 20 Drove to site, spoke with Kris about location of leak, cleaned piping off, had them cycle gate a few times, found and confirmed were leak was on piping, inside throat of I believe a flare 90 deg elbow, checked alloy of fitting with magnet, steel, magnet stuck, took a few pictures,need to check around for fitting, and procedure to open line and bleed air out after repair

**Technician Work**

| Name            | Date         | Reg. hrs | Prem. hrs |
|-----------------|--------------|----------|-----------|
| Cliff Wilkerson | Aug 20, 2021 | 4        | 0         |

# Service Report

Service Report No : 9211764-2



Date: December 27, 2021

Client P.O. #: N/A

**HVAC Service**

**Further Work Required**

---

**Site:**

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

**Client:**

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

**Reason for Call:**

8-20 Kris called, wanted me too look at hydraulic leak on piping on retention basing lift gate

**Description of Service:**

12-27 Picked up hydraulic fittings from Rittertech PO # 21-04671

**Technician Work**

| Name            | Date         | Reg. hrs | Prem. hrs |
|-----------------|--------------|----------|-----------|
| Cliff Wilkerson | Dec 27, 2021 | 1        | 0         |



# Service Report

Service Report No : 9211764-3



Date: January 19, 2022

Client P.O. #: N/A

**HVAC Service**

**Further Work Required**

---

**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:**

8-20 Kris called, wanted me too look at hydraulic leak on piping on retention basing lift gate

**Description of Service:**

1-19 Drove to site, worked with Kris and Bob to remove pressure from and isolate system from repair, could not get hydraulic pressure down to safe working pressure to open system up, Kris called and set up a appointment with another Tech. to train them and relieve pressures

**Technician Work**

| Name            | Date         | Reg. hrs | Prem. hrs |
|-----------------|--------------|----------|-----------|
| Cliff Wilkerson | Jan 19, 2022 | 2        | 0         |

# Service Report

Service Report No : 9211764-4



Date: January 24, 2022

Client P.O. #: N/A

**HVAC Service**

**Further Work Required**

**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:**

8-20 Kris called, wanted me too look at hydraulic leak on piping on retention basing lift gate

**Description of Service:**

1-24 Drove to site, performed lock out tag out, got set up to replace fitting and found that Parker store had given me the wrong size fittings, drove to Parker store ordered correct size and returned wrong fittings. Will call me when fittings are in

return PO # 22-00356

purchase PO# 22-00357

**Technician Work**

| Name            | Date         | Reg. hrs | Prem. hrs |
|-----------------|--------------|----------|-----------|
| Cliff Wilkerson | Jan 24, 2022 | 3        | 0         |

# Service Report

Service Report No : 9211764-5



Date: February 02, 2022

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:**

8-20 Kris called, wanted me to look at hydraulic leak on piping on retention basing lift gate

**Description of Service:**

2-2 Drove to Parker store, picked up fittings to repair leak, drove to Chapaton station, checked in with Kris, verified actuator unit was locked out, tagged out, and pressure relieved on system, cleaned off paint on existing piping and fitting, removed and replaced fitting, charged system up, operated gate several times and verified no leaks and proper operation of hydraulic cylinder, cleaned up work areas and checked out with Kris.

**Technician Work**

| Name            | Date        | Reg. hrs | Prem. hrs |
|-----------------|-------------|----------|-----------|
| Cliff Wilkerson | Feb 2, 2022 | 4        | 0         |



Mark A. Hackel  
County Executive

# ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

## PUBLIC WORKS DIVISION

|                              |            |              |
|------------------------------|------------|--------------|
| 1. PREPARED BY (Please Type) | 2. PHONE # | 3. DATE      |
| Kellie Kource                | 95337      | 3/8/22       |
| 4. SET ID                    |            | 5. POST DATE |
| VP220308KUA                  |            |              |

| 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           | 22-084                              | 2/28/2022        | \$ 1,056.06        |

| 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                               | 8210017M       | 92101      | CC0004                 | 92101      | WO18006               | 8 1/2 Mile Relief                             | Ac#9100 0005 6739, 2/1-2/28           | \$ 1,056.06 | GEN     |          |            |
| B                               |                |            |                        |            |                       |   |                                       |             |         |          |            |
| C                               |                |            |                        |            |                       |   |                                       |             |         |          |            |
| D                               |                |            |                        |            |                       |   |                                       |             |         |          |            |
| E                               |                |            |                        |            |                       |   |                                       |             |         |          |            |
| F                               |                |            |                        |            |                       |   |                                       |             |         |          |            |
| G                               |                |            |                        |            |                       |   |                                       |             |         |          |            |

23. Total: \$ 1,056.06 REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

|   |  |
|---|--|
| 25. Finance Officer: <u>BM/kk</u><br>26. Chief Deputy: _____<br>27. Engineers: _____<br>28. Managers: _____<br>29. Coordinator: _____ | 30. Drain: <u>8 1/2 Mile Relief</u><br>31. Project Balance: <u>N/A</u><br>32. Staff Date: <u>3/15/2022</u><br>33. Board Date: <u>4/11/2022</u><br>34. Select For Pay Date: _____ |
|---|--|





**Payment Coupon**

\_\_\_\_\_

|                       |                       |
|-----------------------|-----------------------|
| <b>Account Number</b> | <b>910000056739</b>   |
| <b>Due Date:</b>      | <b>April 01, 2022</b> |
| <b>Total Due:</b>     | <b>\$1,056.06</b>     |

MACOMB COUNTY  
21777 DUNHAM RD  
CLINTON TWP MI 48036-1005

22-084

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**

\_\_\_\_\_

MACOMB COUNTY  
21777 DUNHAM RD  
CLINTON TWP, MI 48036

**Account Number**                      **9100-0005-6739**

DTE-Energy Federal ID No.                      38-3217752

**Programs you are enrolled in:** \_\_\_\_\_

**How to contact us:** \_\_\_\_\_

Billing Inquiry                      1-734-397-4287

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 9100-0005-6739**

|                                   |                 |
|-----------------------------------|-----------------|
| Previous Balance as of 01/31/2022 | 1,125.35        |
| Payment(s) and Credit(s)          | - 561.31        |
| <b>Remaining Balance</b>          | <b>\$564.04</b> |

## Current Charges

| Service Location | Item       | Service Type              | Rate       | Bill Period      | Amount          |
|------------------|------------|---------------------------|------------|------------------|-----------------|
|                  | 7004422277 | Street Lights OH Standard | EFS_E1UOHS | 02/01 - 02/28/22 | 492.02          |
|                  |            | Taxes                     |            |                  | 0.00            |
|                  |            | Miscellaneous Charges     |            |                  | 0.00            |
|                  |            | <b>Current Bill</b>       |            |                  | <b>\$492.02</b> |

**Amount Due on or before Due Date of 04/01/2022** **\$1,056.06**

Your current charges are due on April 1, 2022. A 2% late payment charge will be applied if paid after the due date.

# Detail Charges

Invoice: 200463247350 Service Name: Streetlight  
Item: 7004422277 Cycle: 20

Cust Ref #90-M-300  
Street Lights OH Standard

## Billing Status Information

|  |    |      |
|--|----|------|
| Total Number of days in the Billing Period | 28 | DAYS |
| Avg Kilowatthours Used Per Day This Period | 58 | KWH  |
| Avg Kilowatthours Used Per Day A Year Ago  | 60 | KWH  |
| kWh percentage change from a year ago      | -3 | PCT  |

## Charges for 02/01/2022 through 02/28/2022

### Power Supply Charges:

|                                   |       |     |      |           |               |       |
|-----------------------------------|-------|-----|------|-----------|---------------|-------|
| Energy Charge:                    |       |     |      |           |               |       |
| Power Supply Non Capacity Charge  | 1,615 | KWH | @ \$ | 0.0447000 | Per Total KWH | 72.19 |
| Surcharges:                       |       |     |      |           |               |       |
| Power Supply Cost Recovery Factor | 1,615 | KWH | @ \$ | 0.0066500 | Per Total KWH | 10.74 |
| Sub Total:                        |       |     |      |           |               | 82.93 |

### Delivery Charges:

|                                      |    |    |      |            |  |        |
|--------------------------------------|----|----|------|------------|--|--------|
| Luminaire:                           |    |    |      |            |  |        |
| 100 Watt High Pressure Sodium        | 10 | EA | @ \$ | 15.4700000 |  | 154.70 |
| 250 Watt High Pressure Sodium        | 10 | EA | @ \$ | 23.8100000 |  | 238.10 |
| Multiple Lamp Discount               | 2  | EA | @ \$ | -0.5100000 |  | -1.02  |
| Surcharges:                          |    |    |      |            |  |        |
| Other Delivery Surcharges            |    |    |      |            |  | 15.95  |
| Other Delivery Volumetric Surcharges |    |    |      |            |  | 1.36   |
| Sub Total:                           |    |    |      |            |  | 409.09 |

|   |          |
|---|----------|
| Invoice Subtotal                            | 492.02   |
| Michigan State Sales Tax On Taxable Portion | 0.00     |
| Invoice Total                               | \$492.02 |



# ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

## PUBLIC WORKS DIVISION

|                              |            |              |
|------------------------------|------------|--------------|
| 1. PREPARED BY (Please Type) | 2. PHONE # | 3. DATE      |
| Kellie Kource                | 95337      | 3/14/22      |
| 4. SET ID                    |            | 5. POST DATE |
| VP220314KUA                  |            |              |

| 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           | 22-102                              | 3/8/2022         | \$ 9,643.96        |

| CHILD RECORD DETAIL INFORMATION |                |            |                              |            |                                |  |                                       |             |            |          |            |
|---------------------------------|----------------|------------|------------------------------|------------|--------------------------------|--|---------------------------------------|-------------|------------|----------|------------|
| Line                            | General Ledger |            | Job Ledger                   |            | 16.<br>Work<br>Order<br>Number | OPTIONAL   | 18. Description (MAX = 30 CHARACTERS) | 19. Amount  | 20.<br>DIV | 21. MISC | 22. Sep CK |
|                                 | 12. Org Key    | 13. Object | 14.<br>Cost Center<br>(GCNT) | 15. Object |                                | 17. Secondary Reference<br>(MAX = 16 CHARACTERS) |                                       |             |            |          |            |
| A                               | 8210017M       | 92101      | CC0004                       | 92101      | WO18006                        | 8 1/2 Mile Relief                                | Acct #9100-0005-3785, 2/8-3/8         | \$ 9,643.96 | GEN        |          |            |
| B                               |                |            |                              |            |                                |  |                                       |             |            |          |            |
| C                               |                |            |                              |            |                                |  |                                       |             |            |          |            |
| D                               |                |            |                              |            |                                |  |                                       |             |            |          |            |
| E                               |                |            |                              |            |                                |  |                                       |             |            |          |            |
| F                               |                |            |                              |            |                                |  |                                       |             |            |          |            |
| G                               |                |            |                              |            |                                |  |                                       |             |            |          |            |

23. Total: \$ 9,643.96 REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

|  |  |
|--|--|
| <p>26. Finance Officer: <u>BM/kk</u></p> <p>27. Chief Deputy: _____</p> <p>28. Engineers: _____</p> <p>29. 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>4/5/2022</u></p> <p>33. Board Date: <u>4/11/2022</u></p> <p>34. Select For Pay Date: _____</p> |
|--|--|





**Payment Coupon**

\_\_\_\_\_

|                       |                       |
|-----------------------|-----------------------|
| <b>Account Number</b> | <b>910000053785</b>   |
| <b>Due Date:</b>      | <b>April 01, 2022</b> |
| <b>Total Due:</b>     | <b>\$9,643.96</b>     |

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

22-102

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**

\_\_\_\_\_

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

|                       |                       |
|-----------------------|-----------------------|
| <b>Account Number</b> | <b>9100-0005-3785</b> |
|-----------------------|-----------------------|

|                           |            |
|---------------------------|------------|
| DTE-Energy Federal ID No. | 38-3217752 |
|---------------------------|------------|

**Programs you are enrolled in:**

SolarCurrents Program

**How to contact us:**

|                 |                    |
|-----------------|--------------------|
| Power Outage    | See Detail Charges |
| Billing Inquiry | 1-313-235-7984     |

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 02/10/2022 | 8,573.83   |
| Payment(s) and Credit(s)          | - 8,573.83 |
| 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 | 02/08 - 03/08/22 | 9,643.96          |
|                   |            | Taxes   |           |                  | 0.00              |
|                   |            | Miscellaneous Charges                               |           |                  | 0.00              |
|                   |            | <b>Current Bill</b>                                 |           |                  | <b>\$9,643.96</b> |

**Amount Due on or before Due Date of 04/01/2022 \$9,643.96**

Your current charges are due on April 1, 2022. 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: 200003563208

Billing Period: 02/08/2022 through 03/08/2022

Days Billed: 29

## Metering Information

| Meter Number       | Start Date | Start Read | Stop Date | Stop Read | Read Difference | Units Multiplier | Usage Used       | Type      |
|--------------------|------------|------------|-----------|-----------|-----------------|------------------|------------------|-----------|
| 10056082           | 02/08      | 126.7A     | 03/08     | 132.8A    | 6.1             | 6,400.0000       | 39,040.0         | P - In-V  |
| 10056082           | 02/08      | 178.7A     | 03/08     | 187.2A    | 8.5             | 6,400.0000       | 54,400.0         | P - In-W  |
| 10056085           | 02/08      | 0.0A       | 03/08     | 0.0A      | 0.0             | 6,400.0000       | 0.0              | P - In-V  |
| 10056085           | 02/08      | 0.0A       | 03/08     | 0.0A      | 0.0             | 6,400.0000       | 0.0              | P - In-W  |
| 10098716           | 02/08      | 0.2A       | 03/08     | 0.2A      | 0.0             | - 6400.0000      | 0.0              | P - Out-V |
| 10098716           | 02/08      | 0.0A       | 03/08     | 0.0A      | 0.0             | - 6400.0000      | 0.0              | P - Out-W |
| <b>Total KVARH</b> |            |            |           |           |                 |                  | <b>39,040.00</b> |           |
| <b>Total KWH</b>   |            |            |           |           |                 |                  | <b>54,400.00</b> |           |

Invoice: 200003563208 Service Name: Chapaton Pumping Station

Item: 7004376662 Cycle: 05

General Service Municipal Pumping-Net Metering Cat1

## Billing Status Information

|   |  |       |      |             |            |       |
|---|--|-------|------|-------------|------------|-------|
| 1 | On-peak Billing Demand                     | 404   | KW   | ESTABLISHED | 02/17/2022 | 12:00 |
| 3 | 65% High OP Bill Dmd June-Oct prec 11 mths | 3697  | KW   | ESTABLISHED | 07/16/2021 | 15:00 |
| 8 | Highest Single Billing Demand              | 1480  | KW   | ESTABLISHED | 02/17/2022 | 07:00 |
| A | Current PV High Monthly Demand             | 1480  | KW   | ESTABLISHED | 02/17/2022 | 07:00 |
| B | 50% of the Contract Capacity for PV        | 0     | KW   |             |            |       |
| C | Primary Voltage Maximum Demand             | 5842  | KW   | ESTABLISHED | 08/12/2021 | 07:00 |
|   | Contract Capacity for Location             | 6738  | KW   |             |            |       |
|   | Power Factor (ratio) for all voltages      | 81    | PCT  |             |            |       |
|   | Total Number of days in the Billing Period | 29    | DAYS |             |            |       |
|   | Avg Kilowatthours Used Per Day This Period | 1876  | KWH  |             |            |       |
|   | Avg Kilowatthours Used Per Day A Year Ago  | 1567  | KWH  |             |            |       |
|   | kWh percentage change from a year ago      | 20    | PCT  |             |            |       |
|   | Metered outflow                            | 0     | KWH  |             |            |       |
|   | Net Delivery Billed (inflow)               | 54400 | KWH  |             |            |       |
|   | Net Inflow (In - Out)                      | 54400 | KWH  |             |            |       |

## Charges for 02/08/2022 through 03/08/2022

### Power Supply Charges:

#### Power Supply Energy:

|                                  |        |     |      |           |               |          |
|----------------------------------|--------|-----|------|-----------|---------------|----------|
| Power Supply Capacity Charge     | 54,400 | KWH | @ \$ | 0.0390000 | Per Total KWH | 2,121.60 |
| Power Supply Non Capacity Charge | 54,400 | KWH | @ \$ | 0.0434500 | Per Total KWH | 2,363.68 |

#### Surcharges:

|                                   |        |     |      |           |               |                 |
|-----------------------------------|--------|-----|------|-----------|---------------|-----------------|
| Power Supply Cost Recovery Factor | 54,400 | KWH | @ \$ | 0.0066500 | Per Total KWH | 361.76          |
| <b>Sub Total:</b>                 |        |     |      |           |               | <b>4,847.04</b> |

### Delivery Charges:

|                |  |  |  |  |  |       |
|----------------|--|--|--|--|--|-------|
| Service Charge |  |  |  |  |  | 11.25 |
|----------------|--|--|--|--|--|-------|

#### Distribution:

|                     |        |     |      |           |               |          |
|---------------------|--------|-----|------|-----------|---------------|----------|
| Distribution Energy | 54,400 | KWH | @ \$ | 0.0386800 | Per Total KWH | 2,104.19 |
|---------------------|--------|-----|------|-----------|---------------|----------|

#### Surcharges:

|                                      |   |     |      |           |  |        |
|--------------------------------------|---|-----|------|-----------|--|--------|
| LIEAF Factor                         | 2 | MTR | @ \$ | 0.8700000 |  | 1.74   |
| Other Delivery Surcharges            |   |     |      |           |  | 133.94 |
| Other Delivery Volumetric Surcharges |   |     |      |           |  | 45.80  |

**Sub Total:**

**2,296.92**

Special Facilities Charge

**2,500.00**

### Invoice Subtotal

**9,643.96**

Michigan State Sales Tax On Taxable Portion

**0.00**

### Invoice Total

**\$9,643.96**



Mark A. Hackel  
County Executive

# ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

## PUBLIC WORKS DIVISION

|                              |            |              |
|------------------------------|------------|--------------|
| 1. PREPARED BY (Please Type) | 2. PHONE # | 3. DATE      |
| Kellie Kource                | 95337      | 3/24/22      |
| 4. SET ID                    |            | 5. POST DATE |
| VP220325KA                   |            |              |

| 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           | 409740                              | 3/24/2022        | \$ 8,304.50        |

| 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                               | 8210017M       | 80138      |                        |            | WO21008               | 8 1/2 Mile Relief                             | Pjt #190051 through 2/18/22           | \$ 82.00    | GEN     |          |            |
| B                               | 8210017M       | 80138      | CC0034                 | 80138      | WO21018               | 8 1/2 Mile Relief                             | Pjt #190051 through 2/18/22           | \$ 738.00   | GEN     |          | 0          |
| C                               | 8210017M       | 80138      |                        |            | WO22006               | 8 1/2 Mile Relief                             | Pjt #190051 through 2/18/22           | \$ 7,484.50 | GEN     |          | 0          |
| D                               |                |            |                        |            |                       |   |                                       |             |         |          |            |
| E                               |                |            |                        |            |                       |   |                                       |             |         |          |            |
| F                               |                |            |                        |            |                       |   |                                       |             |         |          |            |
| G                               |                |            |                        |            |                       |   |                                       |             |         |          |            |

23. Total: \$ 8,304.50

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

As Needed Services

|  |  |
|--|--|
| <p>25. Finance Officer: <u>BM/kk</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>\$93,276.62</u></p> <p>32. Staff Date: <u>4/5/2022</u></p> <p>33. Board Date: <u>4/11/2022</u></p> <p>34. Select For Pay Date: _____</p> |
|--|--|



**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**                            3/24/2022

**INVOICE START DATE**                      2/19/2022

**INVOICE END DATE**                        3/18/2022

|  |    |                   |
|--|----|-------------------|
| <b>ORIGINAL CONTRACT AMOUNT</b>  | \$ | <b>151,919.00</b> |
| <b>CHANGE ORDER TOTAL</b>  |    |                   |
|  | \$ | <b>278,732.00</b> |
| Change Order No. 1   | \$ | 75,000.00         |
| Change Order No. 2   | \$ | 128,732.00        |
| Change Order No. 6   | \$ | 75,000.00         |
| <b>TOTAL REVISED CONTRACT AMOUNT</b>   |    |                   |
| (includes all approved change orders only)   |    |                   |
|  | \$ | <b>430,651.00</b> |
| <b>TOTAL AMOUNT PREVIOUSLY INVOICED</b>  | \$ | <b>329,069.88</b> |
| <b>TOTAL AMOUNT DUE THIS INVOICE</b>   |    |                   |
|  | \$ | <b>8,304.50</b>   |
| <b>TOTAL BUDGET REMAINING</b>  |    |                   |
|  | \$ | <b>93,276.62</b>  |
| (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 :** 409740  
**Invoice Date :** 3/24/2022  
**Project :** 190051  
**Project Name :** Macomb Co PW/8.5 As-needed  
 Engineering  
**Bill Term :** 1

**For Professional Services Rendered Through 3/18/2022**

WO19005

|   | Fee        | Available | Billings   |                             |                 |
|---|------------|-----------|------------|-----------------------------|-----------------|
|   |            |           | To Date    | Previous                    | Current         |
| 1.E - Task 1e - Maps                                  | 7,500.00   | 1,657.89  | 5,842.11   | 5,842.11                    | 0.00            |
| 1.O - Task 1o - RTB & 9EB Structural Repair           | 148,682.00 | 2,878.31  | 145,885.69 | 145,803.69                  | 82.00           |
| <i>Rate Labor</i>                                     | 82.00      |           |            |                             |                 |
| 1.P - Task 1p - SRF 5685-01 Project Plan Amendment    | 20,500.55  | 20,100.55 | 1,138.00   | 400.00                      | 738.00          |
| <i>Rate Labor</i>                                     | 738.00     |           |            |                             |                 |
| 1.R - Task 1r - 8DR Confined Space Entry/LOTO Program | 10,500.00  | 48.04     | 10,451.96  | 10,451.96                   | 0.00            |
| 1.S - Task 1s - 8DR Route and Course                  | 4,900.00   | 22.00     | 4,878.00   | 4,878.00                    | 0.00            |
| 1.T - Task 1t - 9 Mile PS Design As-Needed            | 5,000.00   | 5,000.00  | 0.00       | 0.00                        | 0.00            |
| 1.U - Task 1u - Chapaton Rehab SRF Project Plan       | 20,000.00  | 16,163.00 | 11,321.50  | 3,837.00                    | 7,484.50        |
| <i>Rate Labor</i>                                     | 7,484.50   |           |            |                             |                 |
|   |            |           |            | <b>Current Billings</b>     | <b>8,304.50</b> |
|   |            |           |            | <b>Amount Due This Bill</b> | <b>8,304.50</b> |

**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         | 164.0000    | 82.00         |
| <b>Total Rate Labor</b> |              |             | <b>82.00</b>  |

**WW - Water Wastewater**

**Rate Labor**

| <i>Class</i>            | <i>Hours</i> | <i>Rate</i> | <i>Amount</i> |
|-------------------------|--------------|-------------|---------------|
| Senior Engineer         | 4.50         | 164.0000    | 738.00        |
| <b>Total Rate Labor</b> |              |             | <b>738.00</b> |

**1.U - Task 1u - Chapaton Rehab SRF Project Plan**

**Rate Labor**

| <i>Class</i>                  | <i>Hours</i> | <i>Rate</i> | <i>Amount</i>   |
|-------------------------------|--------------|-------------|-----------------|
| Engineering Specialist        | 7.50         | 89.0000     | 667.50          |
| Production Support            | 9.50         | 70.0000     | 665.00          |
| Senior Engineer               | 40.50        | 130.0000    | 5,265.00        |
|                               | 4.00         | 164.0000    | 656.00          |
| <b>Total Senior Engineer</b>  | 44.50        |             | 5,921.00        |
| Senior Engineering Specialist | 0.50         | 136.0000    | 68.00           |
| Senior Industrial Hygienist   | 1.00         | 163.0000    | 163.00          |
| <b>Total Rate Labor</b>       |              |             | <b>7,484.50</b> |

**Total Bill Task: 1.U - Task 1u - Chapaton Rehab SRF Project Plan 7,484.50**

**Total Project: 190051 - Macomb Co PW/8.5 As-needed Engineering 8,304.50**







IN MOTION, INC.  
14489 APPLETREE LN  
FENTON, MI 48430 US  
+1 8106601435  
admin@inmotionincusa.com

# Invoice

8.5

**BILL TO**

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

**SHIP TO**

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

| INVOICE # | DATE       | TOTAL DUE | DUE DATE   | TERMS  | ENCLOSED |
|-----------|------------|-----------|------------|--------|----------|
| H-1009    | 03/01/2022 | \$660.04  | 03/31/2022 | Net 30 |          |

**SALES REP**  
Kristofer Benda

**CURRENCY**  
USD

| DATE       | ACTIVITY               | DESCRIPTION             | QTY | RATE   | AMOUNT |
|------------|------------------------|-------------------------|-----|--------|--------|
| 03/01/2022 | <b>MM Service Call</b> | Versa Valve Replacement | 4   | 145.00 | 580.00 |
| 03/01/2022 | <b>MM Service Call</b> | Misc Detail             | 1   | 80.04  | 80.04  |

We appreciate your prompt payment!

BALANCE DUE

**\$660.04**



# ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

## PUBLIC WORKS DIVISION

|                              |            |         |
|------------------------------|------------|---------|
| 1. PREPARED BY (Please Type) | 2. PHONE # | 3. DATE |
| Kellie Kource                | 95337      | 3/21/22 |

|             |              |
|-------------|--------------|
| 4. SET ID   | 5. POST DATE |
| VP220321KWA |              |

| 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           | 03           | 881372                              | 3/16/2022        | \$ 7,204.19        |

| 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                               | 8210017M       | 72650      | CC0004                 | 72650      | WO18006               | 8 1/2 Mile Relief                             | Order #655885, 3/16/22                | \$ 7,204.19 | GEN     |          |            |
| B                               |                |            |                        |            |                       |   |                                       |             |         |          |            |
| C                               |                |            |                        |            |                       |   |                                       |             |         |          |            |
| D                               |                |            |                        |            |                       |   |                                       |             |         |          |            |
| E                               |                |            |                        |            |                       |   |                                       |             |         |          |            |
| F                               |                |            |                        |            |                       |   |                                       |             |         |          |            |
| G                               |                |            |                        |            |                       |   |                                       |             |         |          |            |

23. Total: \$ 7,204.19

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

|   |   |
|---|---|
| 25. Finance Officer: <u>BM/kk</u><br>26. Chief Deputy: _____<br>27. Engineers: _____<br>28. Managers: _____<br>29. Coordinator: _____ | 30. Drain: <u>8 1/2 Mile Relief</u><br>31. Project Balance: <u>N/A</u><br>32. Staff Date: <u>4/5/2022</u><br>33. Board Date: <u>4/11/2022</u><br>34. Select For Pay Date: _____ |
|---|---|



www.jcicheicals.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 #   |
| 03/16/2022   | 881372      |
| Date Shipped | Order/BOL # |
| 03/16/2022   | 655885      |

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       | Discount Due Date |          |
|                  | Harold Marcu | N 30  | 04/15/2022     | 4/15/2022         |          |
| Units            | Package      | Product Name  | Total Quantity | Unit Price        | Amount   |
| 4,545.00         | Gal Bulk     | HYPOCHLORITE SOLUTION, SS150<br>1201-001<br>BULK (\$85 Stop Fee) (+ fsc)                            | 4,545.0000/Gal | 1.5743 /Gal       | 7,155.19 |
| General Remarks: |              | <> EMAIL INVOICE TO: michelle.houvener@macombgov.org <><br>N-45,900<br>SP GR- 1.212<br>FSC- \$49.00 |                |                   |          |
|                  |              | Fuel Surcharge  |                |                   | 49.00    |

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Total: **7,204.19**

Remit To: **JCI Jones Chemicals, Inc.**  
**P.O. BOX 748240**  
**Atlanta, GA 30374-8240 USA**

PLEASE PAY  
THIS AMOUNT







# ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

## PUBLIC WORKS DIVISION

|                              |            |              |
|------------------------------|------------|--------------|
| 1. PREPARED BY (Please Type) | 2. PHONE # | 3. DATE      |
| Kellie Kource                | 95337      | 3/22/22      |
| 4. SET ID                    |            | 5. POST DATE |
| VP220324KB                   |            |              |

| 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 |
| JF Cavanaugh                           | V67460           | 01           | WO18350 Est 7                       | 3/7/2022         | \$ 129,587.05      |

| 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                               | 8210017M       | 80126      | CC0004                 | 80126      | WO18350               | 8 1/2 Mile Relief                             | Pump & Screen Imprvmts thru 12/31     | \$ 80,255.65 | GEN     |          |            |
| B                               | 8210017M       | 21100      | CC0004                 | 21100      | WO18350               | 8 1/2 Mile Relief                             | Pump & Screen Imprvmts thru 12/31     | \$ 49,331.40 | GEN     |          | 0          |
| C                               |                |            |                        |            |                       |   |                                       |              |         |          |            |
| D                               |                |            |                        |            |                       |   |                                       |              |         |          |            |
| E                               |                |            |                        |            |                       |   |                                       |              |         |          |            |
| F                               |                |            |                        |            |                       |   |                                       |              |         |          |            |
| G                               |                |            |                        |            |                       |   |                                       |              |         |          |            |

23. Total: \$ 129,587.05

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

|   |  |
|---|--|
| 25. Finance Officer: <u>BM/mh</u><br>26. Chief Deputy: _____<br>27. Engineers: _____<br>28. Managers: _____<br>29. Coordinator: _____ | 30. Drain: <u>8 1/2 Mile Relief</u><br>31. Project Balance: _____<br>32. Staff Date: <u>4/5/2022</u><br>33. Board Date: <u>4/11/2022</u><br>34. Select For Pay Date: _____ |
|---|--|

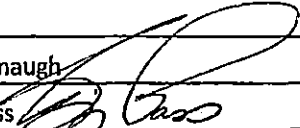


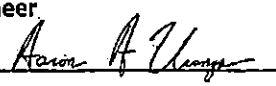
**Contractor's Application for Payment**

|  |   |
|--|---|
| <b>Owner:</b> <u>8 1/2 Mile Relief Drain Drainage District</u>         | <b>Owner's Project No.:</b> <u>WWS-2019-022</u> |
| <b>Engineer:</b> <u>HRC</u>  | <b>Engineer's Project No.:</b> <u>20180363</u>  |
| <b>Contractor:</b> <u>J.F. Cavanaugh</u>                               | <b>Contractor's Project No.:</b> <u>-</u>       |
| <b>Project:</b> <u>Chapaton Pump and Screen Improvements</u>           |   |
| <b>Contract:</b> _____   |   |
| <b>Application No.:</b> <u>7</u>                                       | <b>Application Date:</b> <u>3/7/2022</u>        |
| <b>Application Period:</b> From <u>12/31/2020</u> to <u>12/31/2021</u> |   |

|  |                 |
|--|-----------------|
| 1. Original Contract Price   | \$ 1,162,472.00 |
| 2. Net change by Change Orders   | \$ (95,588.35)  |
| 3. Current Contract Price (Line 1 + Line 2)  | \$ 1,066,883.65 |
| 4. Total Work completed and materials stored to date<br>(Sum of Column G Lump Sum Total and Column J Unit Price Total) | \$ 1,066,883.65 |
| 5. Retainage   |                 |
| a. <u>0%</u> X <u>\$ 1,066,883.65</u> Work Completed   | \$ _____        |
| b. _____ X <u>\$ _____</u> Stored Materials  | \$ _____        |
| c. Total Retainage (Line 5.a + Line 5.b)   | \$ _____        |
| 6. Amount eligible to date (Line 4 - Line 5.c)   | \$ _____        |
| 7. Less previous payments (Line 6 from prior application)  | \$ 937,296.60   |
| 8. Amount due this application   | \$ 129,587.05   |
| 9. Balance to finish, including retainage (Line 3 - Line 4)  | \$ _____        |

**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:** J.F. Cavanaugh  
**Signature:** Brian Pass  **Date:** 3/7/2022

|  |                          |
|--|--------------------------|
| <b>Recommended by Engineer</b>   | <b>Approved by Owner</b> |
| <b>By:</b> <u>Aaron Uranga</u>  | <b>By:</b> _____         |
| <b>Title:</b> <u>Associate</u>   | <b>Title:</b> _____      |
| <b>Date:</b> <u>3/7/2022</u>   | <b>Date:</b> _____       |
| <b>Approved by Funding Agency</b>  |                          |
| <b>By:</b> _____   | <b>By:</b> _____         |
| <b>Title:</b> _____  | <b>Title:</b> _____      |
| <b>Date:</b> _____   | <b>Date:</b> _____       |

Progress Estimate - Unit Price Work

Contractor's Application for Payment

Owner: 8 1/2 Mile Relief Drain Drainage District  
 Engineer: HRC  
 Contractor: J.F. Cavanaugh  
 Project: Chapaton Pump and Screen Improvements  
 Contract:

Owner's Project No.: WWS-2019-022  
 Engineer's Project No.: 20180363  
 Contractor's Project No.:

Application No.: 7 Application Period: From 12/31/20 to 12/31/21 Application Date: 03/07/22

| A<br>Bid Item No.        | B<br>Description  | C<br>Item Quantity | D<br>Units | E<br>Contract Information       |  | G<br>Work Completed                              |  | I<br>Materials Currently Stored (net in G)<br>(F) | J<br>Work Completed and Materials Stored to Date<br>(H + I)<br>(%) | K<br>% of Value of Item<br>(U / F)<br>(%) | L<br>Balance to Finish (F - J)<br>(%) |
|--------------------------|---|--------------------|------------|---------------------------------|--|--|--|---|--|---|---------------------------------------|
|                          |   |                    |            | F<br>Unit Price (\$)            | F<br>Value of Bid Item (C X E)<br>(\$) | G<br>Estimated Quantity Incorporated in the Work | H<br>Value of Work Completed to Date (E X G)<br>(\$) |   |  |   |                                       |
| <b>Original Contract</b> |   |                    |            |                                 |  |  |  |   |  |   |                                       |
| 1                        | Bonds, Insurance and Mobilization (10% Max)                 | 1                  | LS         | \$ 60,500.00                    | 60,500.00                              | 1.00   | 60,500.00  | -   | 60,500.00  | 100%                                      |                                       |
| 2                        | Pre-Construction Audio-Visual                               | 1                  | LS         | \$ 2,500.00                     | 2,500.00                               | 1.00   | 2,500.00   |   | 2,500.00   | 100%                                      |                                       |
| 3                        | Flow Diversion During Construction Complete - South Side    | 1                  | LS         | \$ 10,650.00                    | 10,650.00                              | 1.00   | 10,650.00  |   | 10,650.00  | 100%                                      |                                       |
| 4                        | Flow Diversion During Construction Complete - North Side    | 1                  | LS         | \$ 10,650.00                    | 10,650.00                              | 1.00   | 10,650.00  |   | 10,650.00  | 100%                                      |                                       |
| 5                        | New Stop Logs, Guides and Related Structural Improvements - | 1                  | LS         | \$ 49,950.00                    | 49,950.00                              | 1.00   | 49,950.00  |   | 49,950.00  | 100%                                      |                                       |
| 6                        | New Stop Logs, Guides and Related Structural Improvements - | 1                  | LS         | \$ 86,250.00                    | 86,250.00                              | 1.00   | 86,250.00  |   | 86,250.00  | 100%                                      |                                       |
| 7                        | Remove Existing Bar Rack and Install New - South Side       | 1                  | LS         | \$ 158,620.00                   | 158,620.00                             | 1.00   | 158,620.00   |   | 158,620.00   | 100%                                      |                                       |
| 8                        | Remove Existing Bar Rack and Install New - North Side       | 1                  | LS         | \$ 158,620.00                   | 158,620.00                             | 1.00   | 158,620.00   |   | 158,620.00   | 100%                                      |                                       |
| 9                        | Access Hatch Revisions in Screen Room                       | 1                  | LS         | \$ 89,433.00                    | 89,433.00                              | 1.00   | 89,433.00  |   | 89,433.00  | 100%                                      |                                       |
| 10                       | Guardrail Revision in Screen Room                           | 1                  | LS         | \$ 16,638.00                    | 16,638.00                              | 1.00   | 16,638.00  |   | 16,638.00  | 100%                                      |                                       |
| 11                       | I&C Upgrades in Screen Room                                 | 1                  | LS         | \$ 12,618.00                    | 12,618.00                              | 1.00   | 12,618.00  |   | 12,618.00  | 100%                                      |                                       |
| 12                       | Core Through Wet Well Wall                                  | 1                  | LS         | \$ 3,960.00                     | 3,960.00                               | 1.00   | 3,960.00   |   | 3,960.00   | 100%                                      |                                       |
| 13                       | Concrete Collar in Wet Well                                 | 1                  | LS         | \$ 13,712.00                    | 13,712.00                              | 1.00   | 13,712.00  |   | 13,712.00  | 100%                                      |                                       |
| 14                       | Through Well Pipe Penetration                               | 1                  | LS         | \$ 6,203.00                     | 6,203.00                               | 1.00   | 6,203.00   |   | 6,203.00   | 100%                                      |                                       |
| 15                       | North Dry Well Demolition Work                              | 1                  | LS         | \$ 24,863.00                    | 24,863.00                              | 1.00   | 24,863.00  |   | 24,863.00  | 100%                                      |                                       |
| 16                       | Install new Owner Furnished Pump                            | 1                  | LS         | \$ 9,843.00                     | 9,843.00                               | 1.00   | 9,843.00   |   | 9,843.00   | 100%                                      |                                       |
| 17                       | Electrical Upgrades for Added Pump                          | 1                  | LS         | \$ 46,247.00                    | 46,247.00                              | 1.00   | 46,247.00  |   | 46,247.00  | 100%                                      |                                       |
| 18                       | New Concrete Pump Bases                                     | 2                  | EA         | \$ 6,953.00                     | 13,906.00                              | 2.00   | 13,906.00  |   | 13,906.00  | 100%                                      |                                       |
| 19                       | Reconfigure Existing Pump                                   | 1                  | LS         | \$ 5,200.00                     | 5,200.00                               | 1.00   | 5,200.00   |   | 5,200.00   | 100%                                      |                                       |
| 20                       | New Piping, valves and fittings, in Wet Well                | 1                  | LS         | \$ 212,044.00                   | 212,044.00                             | 1.00   | 212,044.00   |   | 212,044.00   | 100%                                      |                                       |
| 21                       | Pressure gauges and assemblies                              | 4                  | EA         | \$ 660.00                       | 2,640.00                               | 4.00   | 2,640.00   |   | 2,640.00   | 100%                                      |                                       |
| 22                       | Jib Crane Addition in North Dry Well                        | 1                  | LS         | \$ 29,355.00                    | 29,355.00                              | 1.00   | 29,355.00  |   | 29,355.00  | 100%                                      |                                       |
| 23                       | Electrical Upgrade for Jib Crane                            | 1                  | LS         | \$ 3,966.00                     | 3,966.00                               | 1.00   | 3,966.00   |   | 3,966.00   | 100%                                      |                                       |
| 24                       | Access Stairway   | 1                  | LS         | \$ 48,204.00                    | 48,204.00                              | 1.00   | 48,204.00  |   | 48,204.00  | 100%                                      |                                       |
| 25                       | Access Platform Revisions                                   | 1                  | LS         | \$ 11,330.00                    | 11,330.00                              | 1.00   | 11,330.00  |   | 11,330.00  | 100%                                      |                                       |
| 26                       | New Pressure Manholes at Elevation 551 - Complete           | 4                  | EA         | \$ 8,135.00                     | 32,540.00                              | 4.00   | 32,540.00  |   | 32,540.00  | 100%                                      |                                       |
| 27                       | Core Infill at Elevation 551                                | 1                  | LS         | \$ 1,030.00                     | 1,030.00                               | 1.00   | 1,030.00   |   | 1,030.00   | 100%                                      |                                       |
| 28                       | Core at Patch Repair Type 1                                 | 28                 | EA         | \$ 200.00                       | 5,600.00                               | 28.00  | 5,600.00   |   | 5,600.00   | 100%                                      |                                       |
| 29                       | Pressure Injection of Cracks Type 2A (Non-Weeping)          | 150                | LF         | \$ 50.00                        | 7,500.00                               | 150.00   | 7,500.00   |   | 7,500.00   | 100%                                      |                                       |
| 30                       | Pressure Injection of Cracks Type 2B (Weeping)              | 50                 | LF         | \$ 50.00                        | 2,500.00                               | 50.00  | 2,500.00   |   | 2,500.00   | 100%                                      |                                       |
| 31                       | Concrete Surface Repair Type 3 - Up to 1" Depth             | 16                 | SF         | \$ 400.00                       | 6,400.00                               | 16.00  | 6,400.00   |   | 6,400.00   | 100%                                      |                                       |
| 32                       | Concrete Surface Repair Type 3 - 1" to 3" Depth             | 10                 | SF         | \$ 400.00                       | 4,000.00                               | 10.00  | 4,000.00   |   | 4,000.00   | 100%                                      |                                       |
| 33                       | Concrete Surface Repair Type 3 - Greater than 3"            | 5                  | SF         | \$ 400.00                       | 2,000.00                               | 5.00   | 2,000.00   |   | 2,000.00   | 100%                                      |                                       |
| 34                       | Existing Guardrail Removal Repair Type 4                    | 15                 | EA         | \$ 200.00                       | 3,000.00                               | 15.00  | 3,000.00   |   | 3,000.00   | 100%                                      |                                       |
| 35                       | Allowance for MCET Work at PLC                              | 1                  | ALLOW      | \$ 10,000.00                    | 10,000.00                              | 1.00   | 10,000.00  |   | 10,000.00  | 100%                                      |                                       |
|                          |   |                    |            | <b>Original Contract Totals</b> |  |  | <b>\$1,162,472.00</b>                                |   | <b>\$1,162,472.00</b>  | <b>100%</b>                               |                                       |

Progress Estimate - Unit Price Work

Contractor's Application for Payment

Owner: 8 1/2 Mile Relief Drain Drainage District  
 Engineer: HRC  
 Contractor: J.F. Cavanaugh  
 Project: Chapaton Pump and Screen Improvements  
 Contract:

Owner's Project No.: WWS-2019-022  
 Engineer's Project No.: 20180363  
 Contractor's Project No.: -

Application No.: 7 Application Period: From 12/31/20 to 12/31/21 Application Date: 03/07/22

| 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) (\$) |  |  |                                |                                |
| <b>Change Orders</b>                       |   |                      |       |                 |                                |   |  |  |  |                                |                                |
| 1  | Flash Boards                                    | 1.00                 | LS    | 40,000.00       | 40,000.00                      | 1.00  | 40,000.00                                    |  | 40,000.00  | 100%                           | -                              |
| 2  | Delete Stop Logs (items 5 and 6)                | 1.00                 | LS    | (136,200.00)    | (136,200.00)                   | 1.00  | (136,200.00)                                 |  | (136,200.00)   | 100%                           | -                              |
| 3  | Various Items                                   | 1.00                 | LS    | 34,111.65       | 34,111.65                      | 1.00  | 34,111.65                                    |  | 34,111.65  | 100%                           | -                              |
| 4  | Balancing Change Order - Delete items 28, 30-35 | 1.00                 | LS    | (33,500.00)     | (33,500.00)                    | 1.00  | (33,500.00)                                  |  | (33,500.00)  | 100%                           | -                              |
| <b>Change Order Totals</b>                 |   |                      |       |                 | \$ (95,588.35)                 |   | \$ (95,588.35)                               | \$ -                                       | \$ (95,588.35)   | 100%                           | \$ -                           |
| <b>Original Contract and Change Orders</b> |   |                      |       |                 |                                |   |  |  |  |                                |                                |
| <b>Project Totals</b>                      |   |                      |       |                 | \$ 1,066,883.65                |   | \$ 1,066,883.65                              | \$ -                                       | \$ 1,066,883.65  | 100%                           | \$ -                           |



# ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

## PUBLIC WORKS DIVISION

|                              |            |              |
|------------------------------|------------|--------------|
| 1. PREPARED BY (Please Type) | 2. PHONE # | 3. DATE      |
| Kellie Kource                | 95337      | 3/15/22      |
| 4. SET ID                    |            | 5. POST DATE |
| VP220317KA                   |            |              |

| 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 |
| Macomb County Treasurer                | V01085           | 03           | 22-105                              | 3/10/2022        | \$ 27,761.00       |

| 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                               | 8210017M       | 98100      | CC0004                 | 98100      | WO18006               | 8 1/2 Mile                                    | Reimb Eq Fund - New 2021 Ford Truck   | \$ 20,820.75 | IPWK    |          |            |
| B                               | 8210072M       | 98100      |                        |            |                       | Martin  | Reimb Eq Fund - New 2021 Ford Truck   | \$ 4,164.15  | IPWK    |          | 0          |
| C                               | 8713018M       | 98100      |                        |            |                       | SEMCWWDS                                      | Reimb Eq Fund - New 2021 Ford Truck   | \$ 2,776.10  | IPWK    |          | 0          |
| D                               |                |            |                        |            |                       |   |                                       |              |         |          |            |
| E                               |                |            |                        |            |                       |   |                                       |              |         |          |            |
| F                               |                |            |                        |            |                       |   |                                       |              |         |          |            |
| G                               |                |            |                        |            |                       |   |                                       |              |         |          |            |

23. Total: \$ 27,761.00

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

|  |   |
|--|---|
| <p>25. Finance Officer: <u>BM/kk</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>4/5/2022</u></p> <p>33. Board Date: <u>4/11/2022</u></p> <p>34. Select For Pay Date: _____</p> |
|--|---|



8 1/2 (75%) \$ 20,820.75  
 Martin (15%) \$ 4,164.15  
 EMC (10%) 2,776.10

27,761.00

27,761.00 Split

~~\$ 27,716.00~~

**Public Works**  
**Wastewater**  
**Construction Supervisor**

Macomb# 21-18 T.1, T.2, T.3

2021 F-150

Jeremy

**Reg. Cab, Super Cab XL**  
**Major Standard Equipment**

22-105

**MECHANICAL**

- 3.3L V6 PFDD with Auto Start-Stop Technology and Flex-Fuel Capability (standard 4x2/4x4; NA with 163.7" WB)
- 2.7L V6 EcoBoost® with Auto Start-Stop Technology (standard 4x2 with 163.7" WB)
- 5.0L V8 with Auto Start-Stop Technology and Flex-Fuel Capability (standard 4x4 with 163.7" WB)
- 4x4 Electronic-Shift-On-the-Fly (ESOF) with Neutral Towing Capability
- Auto Hold
- Axle, Front - Independent Front Suspension (IFS)
- Brakes - 4-Wheel Disc with ABS
- Selectable Drive Modes: Normal, ECO, Sport, Tow/Haul, Slippery, Trail - 4x2 only
- Selectable Drive Modes: Normal, ECO, Sport, Tow/Haul, Slippery, Deep Snow/Sand, Mud/Rut - 4x4 only
- Electronic Ten-Speed Automatic Transmission
- Fail-Safe Cooling
- Jack
- Electric Parking Brake
- SelectShift® Automatic Transmission with Progressive Range Select
- Shock Absorbers, Gas - Heavy-Duty, Front

Macomb Co. Treasurer  
EPWK

8210017m \$ 20,820.75  
 8210072m \$ 4,164.15  
 8213018m \$ 2,776.10

\$ 27,761.00

Truck split between  
3 drains

- 245/70R 17 BSW all-season tires (A/S) BSW 4x4
- 265/70R 17 OWL all-terrain tires (A/T) 4x4
- Trailer Sway Control
- Trailer Towing - 4-pin wiring, ball mounting provisions in rear bumper
- Wheels - 17" silver steel
- Wipers - Intermittent speed
- INTERIOR/COMFORT**
- 1st Row Manual Windows (Regular Cab and SuperCab)
- 2nd Row Fixed Windows (SuperCab)
- 4" Productivity Screen in Instrument Cluster
- Center-stack
- 8" Screen - Audio Controls
- USB charging ports - two (2)
- USB data charging ports - two (2)
- Air Conditioning Registers - Black Vanes with Chrome Knob
- Auxiliary Audio Input Jack

- Black Vinyl Floor Covering
- Compass Display in Instrument Cluster
- Dome Light
- Fade-to-Off Interior Lighting
- Gauges and Meters - Fuel, Oil Pressure, Transmission Temperature and Engine Coolant Temperature Gauges; Speedometer, Odometer and Tachometer
- Grab Handles
- Front - A-Pillar, Driver and Passenger Side
- Horn - Dual-Note
- Manual Air Conditioning, Single Zone
- Manual Locks
- Outside Temperature Display
- Powerpoint 12V
- Rear-window with Fixed Glass and Solar Tint
- Rearview Mirror, Day/Night
- Scuff Plate, Driver and Front-Passenger Doors
- Seat, Front
- Vinyl 40/20/40
- 2-Way manual driver/passenger
- Armrest
- Seat, Rear
- Vinyl
- USB charging ports - two (2)
- 60/40 flip-up split seat (SuperCab)
- Steering Wheel, Black Urethane - Manual Tilt/Telescoping and Manual Locking
- Visor, Driver Side; Visor with Mirror, Passenger-Side

**SAFETY/SECURITY**

- AdvanceTrac® w/RSC® (Roll Stability Control™)
- Airbags - Driver and Passenger Front Airbags - Driver and Passenger Seat-Mounted Side Airbags - Safety Canopy® Side-Curtain Airbags (1st and 2nd row coverage)
- Curve Control
- Halogen Headlamps
- Rainlamp Wiper Activated Headlamps
- Seat Belts, Active Restraint System (ARS). Three-point Manual Lap/Shoulder Belts with Height Adjusters, Pretensioners & Energy Mgmt Retractors on Outside Front Positions. Includes Autolock Features for Child Seats
- SecuriLock® Passive Anti-Theft System (PATS)
- SOS Post-Crash Alert System™
- Tire Pressure Monitoring System (TPMS)

**FORD CO-PILOT360™ TECHNOLOGY**

- Autolamp - Auto On/Off Headlamps
- Auto High Beams
- Lane-Keeping System
- Pre-Collision Assist with Automatic Emergency Braking (AEB) (Pedestrian Detection, Forward Collision Warning, Dynamic Brake Support)
- Rear View Camera with Dynamic Hitch Assist

**FUNCTIONAL**

- AM/FM Stereo (speakers; four (4) with Regular Cab, six (6) with SuperCab)
- FordPass Connect™ (4G)
- 4G LTE Wi-Fi hotspot connects up to 10 devices
- Schedule specific times to remotely start vehicle
- Locate parked vehicle
- Check vehicle status
- Hill Start Assist
- SYNC® 4
- 8" LCD Capacitive Touchscreen with Swipe Capability - Wireless Phone Connection
- Cloud Connected
- AppLink® w/App Catalog
- 911 Assist®
- Apple CarPlay® and Android Auto™ Compatibility
- Digital Owner's Manual



# ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

## PUBLIC WORKS DIVISION

|                              |            |              |
|------------------------------|------------|--------------|
| 1. PREPARED BY (Please Type) | 2. PHONE # | 3. DATE      |
| Kellie Kource                | 95337      | 4/4/22       |
| 4. SET ID                    |            | 5. POST DATE |
| YP 220404KA                  |            |              |

| 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 |
| Major Brands Oil                       | V079782          | 01           | 0357604-IN                          | 1/25/2022        | \$ 736.00          |

| 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                               | 8210017M       | 72903      | CC0004                 | 72903      | WO18006               | 8 1/2 Mile Relief                             | Cust #0021890; SuperTac Grease        | \$ 736.00  | GEN     |          |            |
| B                               |                |            |                        |            |                       |   |                                       |            |         |          |            |
| C                               |                |            |                        |            |                       |   |                                       |            |         |          |            |
| D                               |                |            |                        |            |                       |   |                                       |            |         |          |            |
| E                               |                |            |                        |            |                       |   |                                       |            |         |          |            |
| F                               |                |            |                        |            |                       |   |                                       |            |         |          |            |
| G                               |                |            |                        |            |                       |   |                                       |            |         |          |            |

23. Total: \$ 736.00 REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

|   |   |
|---|---|
| 25. Finance Officer: <u>BM/kk</u><br>26. Chief Deputy: _____<br>27. Engineers: _____<br>28. Managers: _____<br>29. Coordinator: _____ | 30. Drain: <u>8 1/2 Mile Relief</u><br>31. Project Balance: <u>N/A</u><br>32. Staff Date: <u>4/5/22</u><br>33. Board Date: <u>4/11/22</u><br>34. Select For Pay Date: _____ |
|---|---|

# Invoice



Major Brands Oil Company, Inc.  
 462 W. 23rd St  
 Holland, MI 49423  
 (800) 968-9000

**Invoice Number:** 0357604-IN  
**Invoice Date:** 1/25/2022  
**Terms:** 2% 10, Net 30 Days  
**Customer Number:** 0021890

**Sold To:**  
 MACOMB COUNTY OPW  
 \*\*eBill\*\*  
 21777 DUNHAM  
 Clinton Township, MI 48036  
 586-772-3425

**Ship To:**  
 MACOMB COUNTY OPW  
 23001 9 MILE RD  
 ST. CLAIR SHORES, MI 48080

|                    |                      |                     |
|--------------------|----------------------|---------------------|
| <b>Customer PO</b> | <b>Order Number:</b> | <b>Salesperson:</b> |
| Verbal Kris Benda  | 0357604              | Warren House        |

| Item Number       |  | Qty Shipped | Price  | Amount |
|-------------------|--|-------------|--------|--------|
| 195SPRTACFGGRH1P5 | 195 SuperTac Food Grade Grease H-1 Pails | 2.0000      | 368.00 | 736.00 |

|                      |               |
|----------------------|---------------|
| Net Invoice:         | 736.00        |
| Freight:             | 0.00          |
| Sales Tax:           | 0.00          |
| <b>Invoice Total</b> | <b>736.00</b> |





Mark A. Hackel  
County Executive

# ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

## PUBLIC WORKS DIVISION

|                              |            |              |
|------------------------------|------------|--------------|
| 1. PREPARED BY (Please Type) | 2. PHONE # | 3. DATE      |
| Kellie Kource                | 95337      | 4/6/22       |
| 4. SET ID                    |            | 5. POST DATE |
| VP220406 KA                  |            |              |

**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 #5 - FINAL              | 4/5/2022         | \$ 106,337.36      |

**CHILD RECORD DETAIL INFORMATION**

| Line | General Ledger |            | Job Ledger                   |            | 16.<br>Work<br>Order<br>Number | OPTIONAL   | 18. Description (MAX = 30 CHARACTERS) | 19. Amount   | 20.<br>DIV | 21. MISC | 22. Sep CK |
|------|----------------|------------|------------------------------|------------|--------------------------------|--|---------------------------------------|--------------|------------|----------|------------|
|      | 12. Org Key    | 13. Object | 14.<br>Cost Center<br>(CCNT) | 15. Object |                                | 17. Secondary Reference<br>(MAX = 16 CHARACTERS) |                                       |              |            |          |            |
| A    | 8210017M       | 80126      | CC0004                       | 80126      | WO21008                        | 8 1/2 Mile Relief                                | Est #5, 9/28/21-4/5/22                | \$ 65,384.45 | GEN        |          |            |
| B    | 8210017M       | 21100      | CC0004                       | 21100      | WO21008                        | 8 1/2 Mile Relief                                | Est #5, 9/28/21-4/5/22                | \$ 40,952.91 | GEN        |          | 0          |
| C    |                |            |                              |            |                                |  |                                       |              |            |          |            |
| D    |                |            |                              |            |                                |  |                                       |              |            |          |            |
| E    |                |            |                              |            |                                |  |                                       |              |            |          |            |
| F    |                |            |                              |            |                                |  |                                       |              |            |          |            |
| G    |                |            |                              |            |                                |  |                                       |              |            |          |            |

23. Total: \$ 106,337.36

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

|                                   |                                     |
|-----------------------------------|-------------------------------------|
| 25. Finance Officer: <u>BM/KK</u> | 30. Drain: <u>8 1/2 Mile Relief</u> |
| 26. Chief Deputy: _____           | 31. Project Balance: _____          |
| 27. Engineers: _____              | 32. Staff Date: <u>4/5/2022</u>     |
| 28. Managers: _____               | 33. Board Date: <u>4/11/2022</u>    |
| 29. Coordinator: _____            | 34. Select For Pay Date: _____      |



**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**                            4/5/2022

**INVOICE START DATE**                      9/28/2021

**INVOICE END DATE**                        4/5/2022

|  |                |           |                        |
|--|----------------|-----------|------------------------|
| <b>ORIGINAL CONTRACT AMOUNT</b>  |                |           | <b>\$ 736,950.00</b>   |
| <b>CHANGE ORDER TOTAL</b>  |                |           | <b>\$ (262,036.50)</b> |
| Change Order No. 1   | Date Executed: | 3/31/2022 | \$ (262,036.50)        |
| Change Order No. 2   | Date Executed: |           |                        |
| Change Order No. 3   | Date Executed: |           |                        |
| Change Order No. 4   | Date Executed: |           |                        |
| <b>TOTAL REVISED CONTRACT AMOUNT</b>   |                |           | <b>\$ 474,913.50</b>   |
| (includes all approved change orders only)   |                |           |                        |
| <b>TOTAL AMOUNT PREVIOUSLY INVOICED</b>  |                |           | <b>\$ 368,576.14</b>   |
| <b>TOTAL AMOUNT DUE THIS INVOICE</b>   |                |           | <b>\$ 106,337.36</b>   |
| <b>TOTAL BUDGET REMAINING</b>  |                |           | <b>\$ -</b>            |
| (Includes Total Revised Contract Amount Less Total Invoiced Previously and Total Invoiced Current) |                |           |                        |

**Contractor's Application for Payment**

|   |  |
|---|--|
| <b>Owner:</b> <u>8-1/2 Mile Relief Drain Drainage Dist.</u>                                 | <b>Owner's Project No.:</b> <u>WWS-2021-001</u>    |
| <b>Engineer:</b> <u>NTH Consultants, Ltd.</u>   | <b>Engineer's Project No.:</b> <u>61-190017-10</u> |
| <b>Contractor:</b> <u>Pullman SST, Inc.</u>   | <b>Contractor's Project No.:</b> <u>600468</u>     |
| <b>Project:</b> <u>Chapaton Basin and 9 Mile Emergency Bypass Sewer Structural Repairs</u>  |  |
| <b>Contract:</b> <u>Chapaton Basin and 9 Mile Emergency Bypass Sewer Structural Repairs</u> |  |
| <b>Application No.:</b> <u>5</u>  | <b>Application Date:</b> <u>4/5/2022</u>           |
| <b>Application Period:</b> From <u>9/28/2021</u> to <u>4/5/2022</u>                         |  |

|  |    |              |
|--|----|--------------|
| 1. Original Contract Price   | \$ | 736,950.00   |
| 2. Net change by Change Orders   | \$ | (262,036.50) |
| 3. Current Contract Price (Line 1 + Line 2)  | \$ | 474,913.50   |
| 4. Total Work completed and materials stored to date<br>(Sum of Column G Lump Sum Total and Column J Unit Price Total) | \$ | 474,913.50   |
| 5. Retainage   |    |              |
| a. <u>0%</u> X <u>\$ 474,913.50</u> Work Completed   | \$ | -            |
| b. <u>0%</u> X <u>\$ -</u> Stored Materials  | \$ | -            |
| c. Total Retainage (Line 5.a + Line 5.b)   | \$ | -            |
| 6. Amount eligible to date (Line 4 - Line 5.c)   | \$ | 474,913.50   |
| 7. Less previous payments (Line 6 from prior application)  | \$ | 368,576.14   |
| 8. Amount due this application   | \$ | 106,337.36   |
| 9. Balance to finish, including retainage (Line 3 - Line 4)  | \$ | -            |

**Contractor's Certification**

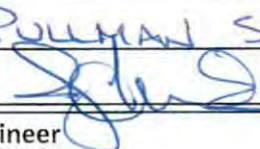
The undersigned Contractor certifies, to the best of its knowledge, the following:

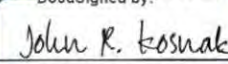
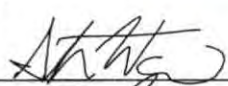
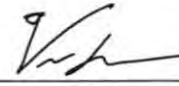
(1) All previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with the Work covered by prior Applications for Payment;

(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:** PULLMAN SST, INC

**Signature:**  **Date:** 4/5/22

|   |   |
|---|---|
| <p><b>Recommended by Engineer</b></p> <p>By: <u></u></p> <p>Title: <u>Principal Engineer</u></p> <p>Date: <u>April 6, 2022</u></p> | <p><b>Approved by Owner</b></p> <p>By: <u></u></p> <p>Title: <u>Engineer II</u></p> <p>Date: <u>04/06/2022</u></p> |
| <p><b>Approved by Funding Agency</b></p> <p>By: <u>N/A</u></p> <p>Title: _____</p> <p>Date: _____</p>   | <p>By: <u></u></p> <p>Title: <u>Operations &amp; Flow Manager</u></p> <p>Date: <u>04/06/2022</u></p>               |



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.: 5 Application Period: From 09/28/21 to 04/05/22 Application Date: 04/05/22

| A                               | B   | C             | D     | E               | F                              | G   | H  | I  | J  | K                              | L                              |
|---------------------------------|---|---------------|-------|-----------------|--------------------------------|---|--|--|--|--------------------------------|--------------------------------|
| Bid Item No.                    | Description   | Item Quantity | Units | Unit Price (\$) | Value of Bid Item (C X E) (\$) | 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) (\$) |
|                                 |   |               |       |                 |                                | Estimated Quantity Incorporated in the Work | Value of Work Completed to Date (E X G) (\$) |  |  |                                |                                |
| <b>Original Contract</b>        |   |               |       |                 |                                |   |  |  |  |                                |                                |
| 1                               | Mobilization / Demobilization                               | 1             | LS    | 36,800.00       | 36,800.00                      | 100%  | 36,800.00                                    |  | 36,800.00  | 100%                           | -                              |
| 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                      | 284.20                                      | 36,946.00                                    |  | 36,946.00  | 178%                           | (16,146.00)                    |
| 5                               | 9 Mile Sewer Deep Concrete Repairs (3-inch depth)           | 710           | SF    | 180.00          | 127,800.00                     | 297.20                                      | 53,496.00                                    |  | 53,496.00  | 42%                            | 74,304.00                      |
| 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                       | 14.50                                       | 21,750.00                                    |  | 21,750.00  | 290%                           | (14,250.00)                    |
| 8                               | 8-1/2 Mile Sewer Chemical Grouting                          | 100           | GAL   | 550.00          | 55,000.00                      | 1.00  | 550.00                                       |  | 550.00   | 1%                             | 54,450.00                      |
| 9                               | 8-1/2 Mile Sewer Deep Concrete Repair (3-inch depth)        | 40            | SF    | 200.00          | 8,000.00                       | 26.00                                       | 5,200.00                                     |  | 5,200.00   | 65%                            | 2,800.00                       |
| 10                              | Chapaton Basin Ceiling Shallow Concrete Repairs             | 90            | SF    | 130.00          | 11,700.00                      | 183.90                                      | 23,907.00                                    |  | 23,907.00  | 204%                           | (12,207.00)                    |
| 11                              | Chapaton Basin Ceiling Deep Concrete Repairs (3-inch)       | 255           | SF    | 175.00          | 44,625.00                      | 78.00                                       | 13,650.00                                    |  | 13,650.00  | 31%                            | 30,975.00                      |
| 12                              | Chapaton Basin Ceiling Crack Repair                         | 140           | GAL   | 550.00          | 77,000.00                      | 20.00                                       | 11,000.00                                    |  | 11,000.00  | 14%                            | 66,000.00                      |
| 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                     | 25,000.00                                   | 120,000.00                                   |  | 120,000.00   | 100%                           | -                              |
| 15                              | Chapaton Basin Floor/Walls Shallow Concrete Repair          | 25            | SF    | 130.00          | 3,250.00                       | 6.00  | 780.00                                       |  | 780.00   | 24%                            | 2,470.00                       |
| 16                              | Chapaton Basin Floor/Walls Deep Concrete Repair             | 25            | SF    | 175.00          | 4,375.00                       | 17.50                                       | 3,062.50                                     |  | 3,062.50   | 70%                            | 1,312.50                       |
| 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                       | 71.00                                       | 5,325.00                                     |  | 5,325.00   | 71%                            | 2,175.00                       |
| 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                      | 86.00                                       | 11,610.00                                    |  | 11,610.00  | 34%                            | 22,140.00                      |
| 21                              | Engineer Directed Leak Sealing, Basin and 9 Mile Sewer      | 100           | GAL   | 550.00          | 55,000.00                      | 2.00  | 1,100.00                                     |  | 1,100.00   | 2%                             | 53,900.00                      |
| 22                              | Engineer Directed Deep Concrete Repairs                     | 100           | SF    | 205.00          | 20,500.00                      | 99.00                                       | 20,295.00                                    |  | 20,295.00  | 99%                            | 205.00                         |
| 23                              | 1-Year Warranty Inspection                                  | 1             | LS    | 18,000.00       | 18,000.00                      | -   | -  |  | -  | 0%                             | 18,000.00                      |
| <b>Original Contract Totals</b> |   |               |       |                 | <b>\$ 736,950.00</b>           |   | <b>\$ 401,261.50</b>                         | <b>\$ -</b>                                | <b>\$ 401,261.50</b>                                     | <b>54%</b>                     | <b>\$ 335,688.50</b>           |





**CONTRACTOR'S AFFIDAVIT**

(To be submitted as part of Final Application for Payment)

The undersigned Contractor, PULLMAN SST, INC  
hereby represents that on 4/19/2021, The Contractor was awarded a Contract by,  
**8-1/2 Mile Relief Drain Drainage District** hereinafter called the Owner, to construct (Project Name) Chapaton  
Basin and 9 Mile Emergency Bypass Sewer Structural Repairs in accordance with the terms and conditions of  
Contract No. WWS-2021-001; and the undersigned further represents that the subject Work has now been  
accomplished and the said Contract has now been completed.

The undersigned hereby warrants and certifies that all of (Contractor's) indebtedness arising by reason of the said  
Contract has been fully paid or satisfactorily secured; and that all claims from Subcontractors and others for labor  
and material used in accomplishing the said Project, as well as all other claims arising from the performance of  
the said Contract, have been fully paid or satisfactorily settled. The undersigned further agrees that, if any such  
claim should hereafter arise, (Contractor) shall assume responsibility for the same immediately upon request to  
do so by the Owner.

The undersigned, for the Final Adjusted Contract Amount of \$ 474,913.50, which is hereby requested,  
does further hereby waive, release, and relinquish any and all claims or right of lien which the undersigned now  
has or may hereafter acquire upon the subject premises for labor and material used in accomplishing said Project,  
or upon the Owner, the Engineers, and its respective employees or agents.

This affidavit is freely and voluntarily given with the full knowledge of the facts, on this 5<sup>TH</sup> day of  
APRIL 2022

CONTRACTOR

By: [Signature]  
(Authorized Signature)

Name: JAMES TRAVNIK  
(Print Name)

Title: PROJECT MANAGER

Subscribed and sworn to before me, a Notary Public  
in and for Wayne County, Michigan State  
on this 5<sup>TH</sup> day of April, 2022



[Signature]  
Notary Public

My Commission Expires: 7/15/2027

END OF SECTION 00 61 13.20

**FINAL UNCONDITIONAL WAIVER OF LIEN**

(To be submitted by the Contractor for all Sub-Contractors and Suppliers with the Contractor's Final Application 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)

MASONRY REPAIR SERVICES  
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 County  
of Macomb, State of Michigan, of which 8-1/2 Mile Relief Drain Drainage District is the Owner.

NOW, THEREFORE, this 5TH day of April, 2022, for and in consideration of the sum of (E) \$106,337.36 Dollars paid simultaneously herewith, the receipt whereof is hereby acknowledged by the undersigned, the undersigned does hereby waive and release 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, on account of labor, services, material, fixtures, apparatus or machinery heretofore or which may hereafter be furnished by the undersigned to or for the above-described project by virtue of said contract.

(F) PULLMAN SST, INC (SEAL)  
(Name of the sole ownership, corporation or partnership)

(Affix corporate seal here)

[Signature] (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 65 20**



August 31, 2021

**Attention: Accounts Payable Department**

Our payment instructions have now changed. Please update your information as follows:

**Electronic Payment – ACH or Wire \* Preferred Method\***

Bank: Wells Fargo Bank, N.A.  
Address: 420 Montgomery San Francisco, CA 94104  
Account Name: Pullman SST, Inc  
Account Number: 2000048996860  
Routing Number: 121000248 (for ACH and Domestic wires)  
SWIFT: WFBIUS6S (for international wires)

**Remit payments made by check to:**

Pullman SST, Inc  
PO Box 780056  
Philadelphia, PA 19178-0056

Please email your remittance information complete with invoice numbers and invoice amounts to:  
[arpullman@pullman-services.com](mailto:arpullman@pullman-services.com)

For any questions regarding new payment information please contact Vicky Linton at  
[vlinton@structuralgroup.com](mailto:vlinton@structuralgroup.com) or 410-859-6484.



**CHANGE ORDER NO.: 1**

Owner: 8 1/2 Mile Relief Drain Drainage District      Owner's Project No.: WWS-2021-001  
 Engineer: NTH Consultants, Ltd.      Engineer's Project No.: 61-190017-10  
 Contractor: Pullman SST, Inc.      Contractor's Project No.: 600468

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

Date Issued: 03/31/2022      Effective Date of Change Order: 03/31/2022

The Contract is modified as follows upon execution of this Change Order:

**Description:**

1a. Incorporate the following Bid Items and As-Installed quantities in accordance with WCD#1 & WCD#2:

| Bid Item No. | Description  | Item Quantity | Units | Unit Price | Value of Bid Item |
|--------------|--|---------------|-------|------------|-------------------|
| 22.1         | Engineer Directed Shallow Concrete Repairs           | 120.00        | SF    | \$155.00   | \$18,600.00       |
| 10.1         | Aeration Chamber Ceiling Shallow Concrete Repairs    | 29.50         | SF    | \$270.00   | \$ 7,965.00       |
| 11.1         | Aeration Chamber Ceiling Deep Concrete Repairs (3in) | 83.50         | SF    | \$385.00   | \$32,147.50       |

Refer to WCD#1 & WCD#2 for additional information regarding new Bid Items. (add \$58,712.50)

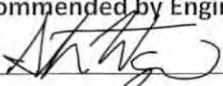


1b. Weather Delay Compensation – Refer to Pullman Hardship Request Letter Dated 03/08/2022 for additional costs associated with equipment rental and labor downtime related to frequent, major wet-weather events in 2021. (add \$14,939.50)

1c. Deletion of Unused Quantities – Remove Line Items 2, 3, 6, and 23 which were included in original bid form but were not utilized during the project. (net deduct \$42,910.00)

1d. Final Balancing Adjustment to Unit Price Quantities – Revise all Unit Price Item Quantities from As-Bid amounts to As-Installed amounts. (net deduct \$292,778.50)

Attachments: WCD#1, WCD#2, Pullman Hardship Letter dated 03/08/22, Unit Price Quantity Adjustment.

| Change in Contract Price   |  | Change in Contract Times   |  |
|--|--|--|--|
| Original Contract Price:<br>\$ 736,950.00                        |  | Original Contract Times:<br>Substantial Completion: <u>150 Days</u><br>Ready for final payment: <u>180 Days</u>                        |  |
| Increase from previously approved Change Orders<br>\$ N/A        |  | Increase from previously approved Change Orders<br>Substantial Completion: <u>N/A</u><br>Ready for final payment: <u>N/A</u>           |  |
| Contract Price prior to this Change Order:<br>\$ 736,950.00      |  | Contract Times prior to this Change Order:<br>Substantial Completion: <u>150 Days</u><br>Ready for final payment: <u>180 Days</u>      |  |
| Decrease this Change Order:<br>\$ 262,036.50                     |  | Decrease this Change Order:<br>Substantial Completion: <u>No Change</u><br>Ready for final payment: <u>No Change</u>                   |  |
| Contract Price incorporating this Change Order:<br>\$ 474,913.50 |  | Contract Times with all approved Change Orders:<br>Substantial Completion: <u>150 Days</u><br>Ready for final payment: <u>180 Days</u> |  |

|                 |  |   |
|-----------------|--|---|
|                 | <b>Recommended by Engineer</b>   | <b>Authorized by Contractor</b>   |
| By (signature): | <u></u> | <u></u> |
| Name & Title:   | <u>Steve Wagner, Engineer II</u>   | <u>JAMES TRAUW</u>  |
| Date:           | <u>04/05/2022</u>  | <u>4/5/22</u>   |
|                 | <b>Authorized by Owner</b>   | <b>Approved by Funding Agency</b>   |
| By (signature): | <u></u> | <u></u>   |
| Name & Title:   | <u>Candice S. Miller, Board Chairperson</u>  | <u></u>   |
| Date:           | <u>April 6, 2022</u>   | <u></u>   |

**WORK CHANGE DIRECTIVE NO.: 1**

Owner: 8 1/2 Mile Relief Drain Drainage District      Owner's Project No.: WWS-2021-001  
 Engineer: NTH Consultants, Ltd.      Engineer's Project No.: 61-190017-1OCCA  
 Contractor: Pullman SST, Inc.      Contractor's Project No.: 600468  
 Project: Chapaton Basin and 9 Mile Emergency Bypass Sewer Structural Repairs  
 Contract Name: Chapaton Basin and 9 Mile Emergency Bypass Sewer Structural Repairs  
 Date Issued: 08/31/2021      Effective Date of Work Change Directive: 08/31/2021

Contractor is directed to proceed promptly with the following change(s):

Description:

Insert following line item on Pay Applications:

| Bid Item No. | Description                                | Item Quantity | Units | Unit Price | Value of Bid Item |
|--------------|--|---------------|-------|------------|-------------------|
| 22.1         | Engineer Directed Shallow Concrete Repairs | 0             | SF    | \$155.00   | \$0.00            |

Attachments:

None

Purpose for the Work Change Directive:

Additional defect areas were noted by the Engineer and Contractor during the project. These defects were not included on the original Contract Drawings. Owner wishes to have Contractor make these repairs for agreed upon unit price. Final Balancing Change Order will be issued to officially add this line to the bid form and total cost will reflect the actual completed quantity.

~~Directive to proceed promptly with the Work described herein, prior to agreeing to change in Contract Price and Contract Time, is issued due to:~~

~~Non-agreement on pricing of proposed change.  Necessity to proceed for schedule or other reasons.~~

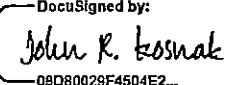
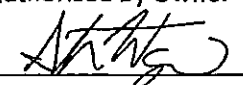
Estimated Change in Contract Price and Contract Times (non-binding, preliminary):

Contract Price: \$ 0      ~~[increase] [decrease] [not yet estimated].~~

Contract Time: 0 days      ~~[increase] [decrease] [not yet estimated].~~

Basis of estimated change in Contract Price:

Lump Sum  Unit Price  Cost of the Work  Other

|                 |   |   |
|-----------------|---|---|
|                 | Recommended by Engineer<br><small>DocuSigned by:</small>                            | Authorized by Owner   |
| By (signature): |  |  |
| Name & Title:   | John R. Kosnak, P.E.  | Steve Wagner, Engineer II   |
| Date:           | 08/31/2021  | 08/31/2021  |





Pullman SST, Inc. – Detroit Office  
 280 W. Jefferson Ave. | Trenton, MI 48183  
 Phone: (734) 282-7760 | Fax: (734) 282-3801  
[www.pullman-services.com](http://www.pullman-services.com)

March 8, 2022

Steven Wagner, P.E.  
 Engineer II  
 Macomb County Public Works Office  
 21777 Dunham Road  
 Clinton Twp., Michigan 48036

**RE: CHAPATON BASIN & 9 MILE EMERGENCY BYPASS SEWER STRUCTURAL REPAIRS  
 REQUEST FOR WORK CHANGE DIRECTIVE -- REVISED**

Thank you for the opportunity to provide our services for this project.

As discussed in previous conversations, Pullman SST has endured hardships associated with the project due to a number of reasons, in particular: added duration due to inclement weather, other trades work preventing us from working, an annual fishing tournament, and additional signage costs per the request of the county. Total value of this revised Work Change Directive is \$14,939.15.

There were approx. thirty-one calendar days that we were unable to work (which amounts to 6 weeks of working days) -- most of which were able to mitigate as best possible by placing our crew at another location/project. We had rental equipment onsite that added to our costs due the extended duration, which included two (2) scissor lifts and two (2) skid steers. Per the request of your Engineer, NTH, we added additional material in various locations, as well as additional signage. Costs are as follows:

|   |                                  |                    |
|---|----------------------------------|--------------------|
| Labor Downtime:                               | \$68.24 per hour at 112 hrs.     | \$ 7,643.65        |
| Rental equipment:                             | \$2,197.00 per month at 6 weeks: | \$ 3,295.50        |
| Additional material per NTH/Engineer request: | Lump sum value:                  | <u>\$ 4,000.00</u> |
|   |                                  | <u>\$14,939.50</u> |

It's worth noting that our initial contract value was \$736,950.00. To date, we have approved costs of \$460,416.00, leaving a balance on the contract of \$276,534.00. This "additional" \$14,939.15 would certainly help our cause, as we would like to believe that the county can honorably and fairly assist Pullman SST, Inc. to off-set our additional costs with this request, as there is certainly room in the project budget for it.

Please let us know of any questions related to the detail included herein, or if you need additional information. We look forward to working with you toward the equitable close-out of this project.

Sincerely,

**PULLMAN SST, Inc.**

James Travnik  
 Project Manager

**Unit Price Quantity Adjustment for Final Balancing Change Order  
Chapaton Basin and 9 Mile Emergency Bypass Sewer Structural Repairs**

| Item No. | Item  | Units | Quantity (As-Bid) | Quantity (As-Installed) | Quantity Difference | Unit Price (As-Bid) | Item Cost Adjustment |
|----------|---|-------|-------------------|-------------------------|---------------------|---------------------|----------------------|
| 1        | Mobilization / Demobilization                           | LS    | 1.0               | 1.0                     | 0.0                 | \$36,800.00         | \$0.00               |
| 2        | Permits and Fees (Allowance)                            | DIR   | 5000.0            | 0.0                     | -5000.0             | \$1.00              | -\$5,000.00          |
| 3        | Videos - Surface Progress Videos                        | LS    | 1.0               | 0.0                     | -1.0                | \$8,890.00          | -\$8,890.00          |
| 4        | 9 Mile Sewer Shallow Concrete Repairs                   | SF    | 160.0             | 284.2                   | 124.2               | \$130.00            | \$16,146.00          |
| 5        | 9 Mile Sewer Deep Concrete Repairs (3-inch depth)       | SF    | 710.0             | 297.2                   | -412.8              | \$180.00            | -\$74,304.00         |
| 6        | 9 Mile Sewer Fracture Repair                            | LF    | 190.0             | 0.0                     | -190.0              | \$58.00             | -\$11,020.00         |
| 7        | 9 Mile Sewer Hole Repair                                | SF    | 5.0               | 14.5                    | 9.5                 | \$1,500.00          | \$14,250.00          |
| 8        | 8-1/2 Mile Sewer Chemical Grouting                      | GAL   | 100.0             | 1.0                     | -99.0               | \$550.00            | -\$54,450.00         |
| 9        | 8-1/2 Mile Sewer Deep Concrete Repair (3-inch depth)    | SF    | 40.0              | 26.0                    | -14.0               | \$200.00            | -\$2,800.00          |
| 10       | Chapaton Basin Ceiling Shallow Concrete Repairs         | SF    | 90.0              | 183.9                   | 93.9                | \$130.00            | \$12,207.00          |
| 11       | Chapaton Basin Ceiling Deep Concrete Repairs (3-Inch)   | SF    | 255.0             | 78.0                    | -177.0              | \$175.00            | -\$30,975.00         |
| 12       | Chapaton Basin Ceiling Crack Repair                     | GAL   | 140.0             | 20.0                    | -120.0              | \$550.00            | -\$66,000.00         |
| 13       | Chapaton Basin Ceiling Column Haunch Repair             | SF    | 100.0             | 50.0                    | -50.0               | \$205.00            | -\$10,250.00         |
| 14       | Chapaton Basin Ceiling Protective Coating               | SF    | 25000.0           | 25000.0                 | 0.0                 | \$4.80              | \$0.00               |
| 15       | Chapaton Basin Floor/Walls Shallow Concrete Repair      | SF    | 25.0              | 6.0                     | -19.0               | \$130.00            | -\$2,470.00          |
| 16       | Chapaton Basin Floor/Walls Deep Concrete Repair         | SF    | 25.0              | 17.5                    | -7.5                | \$175.00            | -\$1,312.50          |
| 17       | Chapaton Basin Floor/Walls Crack Repair (Engineer       | LF    | 425.0             | 185.0                   | -240.0              | \$60.00             | -\$14,400.00         |
| 18       | Cathodic Protection Anodes (Engineer Directed)          | EA    | 100.0             | 71.0                    | -29.0               | \$75.00             | -\$2,175.00          |
| 19       | Chapaton Basin - Clean and Inspect Isolated Trench Area | EA    | 19.0              | 19.0                    | 0.0                 | \$760.00            | \$0.00               |
| 20       | Chapaton Basin Joint Repair                             | LF    | 250.0             | 86.0                    | -164.0              | \$135.00            | -\$22,140.00         |
| 21       | Engineer Directed Leak Sealing, Basin and 9 Mile Sewer  | GAL   | 100.0             | 2.0                     | -98.0               | \$550.00            | -\$53,900.00         |
| 22       | Engineer Directed Deep Concrete Repairs                 | SF    | 100.0             | 99.0                    | -1.0                | \$205.00            | -\$205.00            |
| 23       | 1 Year Warranty Inspection                              | LS    | 1.0               | 0.0                     | -1.0                | \$18,000.00         | -\$18,000.00         |

**Total Deletion Items: \$42,910.00**  
**Total Adjustment Items: -\$292,778.50**  
**Total Balancing Adjustment: -\$335,688.50**

**WORK CHANGE DIRECTIVE NO.: 2**

|                |   |  |              |
|----------------|---|--|--------------|
| Owner:         | 8 1/2 Mile Relief Drain Drainage District                           | Owner's Project No.:                     | WWS-2021-001 |
| Engineer:      | NTH Consultants, Ltd.   | Engineer's Project No.:                  | 61-190017-10 |
| Contractor:    | Pullman SST, Inc.   | Contractor's Project No.:                | 600468       |
| Project:       | Chapaton Basin and 9 Mile Emergency Bypass Sewer Structural Repairs |  |              |
| Contract Name: | Chapaton Basin and 9 Mile Emergency Bypass Sewer Structural Repairs |  |              |
| Date Issued:   | 10/18/2021  | Effective Date of Work Change Directive: | 10/18/2021   |

Contractor is directed to proceed promptly with the following change(s):

Description:

**Insert following line items on Pay Applications:**

| Bid Item No. | Description  | Item Quantity | Units | Unit Price | Value of Bid Item |
|--------------|--|---------------|-------|------------|-------------------|
| 10.1         | Aeration Chamber Ceiling Shallow Concrete Repairs    | 0             | SF    | \$270.00   | \$0.00            |
| 11.1         | Aeration Chamber Ceiling Deep Concrete Repairs (3in) | 0             | SF    | \$385.00   | \$0.00            |

Attachments:

**2021-10-05 Pullman email with proposed unit prices**

Purpose for the Work Change Directive:

**Additional defect areas were noted by the Engineer and Contractor during the project. These defects were not included on the original Contract Drawings. Owner wishes to have Contractor make these repairs for agreed upon unit price. Final Balancing Change Order will be issued to officially add these line items to the bid form and total cost will reflect the actual completed quantity for non-base scope repairs. Unit prices are based on approximately 70sf total of additional repairs and are not subject to adjustment.**

~~Directive to proceed promptly with the Work described herein, prior to agreeing to change in Contract Price and Contract Time, is issued due to:~~

~~Non-agreement on pricing of proposed change.  Necessity to proceed for schedule or other reasons.~~

Estimated Change in Contract Price and Contract Times (non-binding, preliminary):

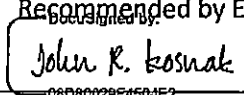
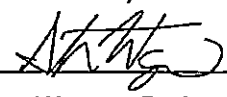
Contract Price: \$ 0 ~~{increase} {decrease} [not yet estimated].~~

Contract Time: 0 days ~~{increase} {decrease} [not yet estimated].~~

Basis of estimated change in Contract Price:

Lump Sum  Unit Price  Cost of the Work  Other



|                 |  |   |
|-----------------|--|---|
|                 | Recommended by Engineer  | Authorized by Owner   |
| By (signature): | <br><small>08D8C029F4504E2...</small> |  |
| Name & Title:   | John R. Kosnak, P.E.   | Steve Wagner, Engineer II   |
| Date:           | October 18, 2021   | 10/18/2021  |



Steven Wagner <steven.wagner@macombgov.org>

---

## Chapaton Pay App #4

---

Jim Travnik <jtravnik@pullman-services.com>

Tue, Oct 5, 2021 at 5:48 PM

To: Steven Wagner <steven.wagner@macombgov.org>

Cc: John Kosnak <JKosnak@nthconsultants.com>, Darren Powers <dpowers@pullman-services.com>

Hey, Steve:

Kindly see attached SESR for the work for 8 ½ Mile. Please adjust as necessary (or, I can with your comments...).

I'll send the city of Eastpointe a confirmation email regarding our schedule under separate cover. And... I'm having issues with my PDF Creator; so, I'll send the lien waiver to you in the morning.

Further, as discussed in today's meeting, the additional work in the aeration chamber (that's above and beyond our contractual obligation) simply cannot be performed at the current unit pricing given the in-field environment and obstacles. As such, please consider the following:

Shallow Depth: \$ 270.00 PSF

Deep (3'+): \$ 385.00 PSF

The additional cost is related to the access element only. We assume/anticipate the area to be +/- 70 SF, which means we'll be moving our scaffolding at least twice for both the demo and the put-back each... so, 4 "moves" are included. Should the area expand further – and require an additional "move" – then additional costs may apply (although, hoping I can absorb that part given the extra quantities...). And, also assumes we can access the chamber in the same manner as before: through the vertical louvers at the exterior.

Nice seeing you today, and appreciate your help. Let me know what else you need from me. Thanks again,

Jim

[Quoted text hidden]

The information contained in this transmission and any attachments are for the sole use of the intended recipient(s) and may be confidential, privileged, copyrighted or may constitute intellectual property. Any unauthorized review, use, disclosure or distribution of this transmission and any attachments is strictly prohibited. If you have received this transmission in error, please contact the sender and destroy all paper and/or electronic copies of this transmission.

---

Pullman 8.5 Mile SESR DRAFT.pdf  
514K



# ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

## PUBLIC WORKS DIVISION

|  |                            |                           |
|--|----------------------------|---------------------------|
| 1. PREPARED BY (Please Type)<br><b>Kellie Kource</b> | 2. PHONE #<br><b>95337</b> | 3. DATE<br><b>3/22/22</b> |
| 4. SET ID<br><b>YP220324KB</b>                       |                            | 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 |
| Rescue Training Services LLC           | V77144           | 01           | 03192022                            | 3/19/2022        | \$ 2,880.00        |

| CHILD RECORD DETAIL INFORMATION |                |            |                              |            |                                |  |                                       |             |            |          |            |
|---------------------------------|----------------|------------|------------------------------|------------|--------------------------------|--|---------------------------------------|-------------|------------|----------|------------|
| Line                            | General Ledger |            | Job Ledger                   |            | 16.<br>Work<br>Order<br>Number | OPTIONAL   | 18. Description (MAX = 30 CHARACTERS) | 19. Amount  | 20.<br>DIV | 21. MISC | 22. Sep CK |
|                                 | 12. Org Key    | 13. Object | 14.<br>Cost Center<br>(CCNT) | 15. Object |                                | 17. Secondary Reference<br>(MAX = 16 CHARACTERS) |                                       |             |            |          |            |
| A                               | 8210166M       | 95901      | CC0018                       | 95901      | WO18300                        | MIDDD  | 16 hour Confined Space Training       | \$ 1,440.00 | GEN        |          |            |
| B                               | 8210017M       | 95901      | CC0004                       | 95901      | WO18006                        | 8 1/2 Mile Relief                                | 16 hour Confined Space Training       | \$ 1,440.00 | GEN        |          | 0          |
| C                               |                |            |                              |            |                                |  |                                       |             |            |          |            |
| D                               |                |            |                              |            |                                |  |                                       |             |            |          |            |
| E                               |                |            |                              |            |                                |  |                                       |             |            |          |            |
| F                               |                |            |                              |            |                                |  |                                       |             |            |          |            |
| G                               |                |            |                              |            |                                |  |                                       |             |            |          |            |

23. Total: \$ **2,880.00**

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

|   |   |
|---|---|
| 25. Finance Officer: <u>BM/kk</u><br>26. Chief Deputy: _____<br>27. Engineers: _____<br>28. Managers: _____<br>29. Coordinator: _____ | 30. Drain: <u>MIDDD</u><br>31. Project Balance: <u>N/A</u><br>32. Staff Date: <u>4/5/2022</u><br>33. Board Date: <u>4/11/2022</u><br>34. Select For Pay Date: _____ |
|---|---|

INVOICE #03192022 MACOMB SANT CSR REFRESHER

# RESCUE TRAINING SERVICES LLC

3868 Burns Line  
Croswell, Mi 48422  
810-712-3090 / DUNS 081210782

DATE 03/19/2022

## BILL TO

Kristofer Benda - Operations Manager  
23001 East 9 Mile Rd St. Clair Shores, MI 48080

## FOR

16 Hour Confined Space refresher  
29 CFR OSHA 1910.146 & MIOSHA  
Part 90

Macomb County Public Works Commissioner Candice S. Miller

## Details

## AMOUNT

|   |            |
|---|------------|
| 16 hour training for Confined Space refresher | \$2,880.00 |
|---|------------|

payment - net 30 days

SUBTOTAL \$2,880.00

TAX RATE 0.00%

OTHER \$0.00

TOTAL \$2,880.00

Make all checks payable to RESCUE TRAINING SERVICES LLC

If you have any questions concerning this invoice, use the following contact information:

Kurt McFarlane, 810-712-3090, kurtfire911@gmail.com

**THANK YOU FOR YOUR BUSINESS!**

50% 8.5  
50% MIOB





Mark A. Hackel  
County Executive

# ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

## PUBLIC WORKS DIVISION

|                              |            |              |
|------------------------------|------------|--------------|
| 1. PREPARED BY (Please Type) | 2. PHONE # | 3. DATE      |
| Kellie Kource                | 95337      | 3/22/22      |
| 4. SET ID                    |            | 5. POST DATE |
| VP 220324KB                  |            |              |

**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 |
| Rescue Training Services LLC           | V77144           | 01           | 03162022 A                          | 3/19/2022        | \$ 1,340.00        |

**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    | 8210166M       | 95901      | CC0018                 | 95901      | WO18300               | MIDDD   | CPR Class                             | \$ 670.00  | GEN     |          |            |
| B    | 8210017M       | 95901      | CC0004                 | 95901      | WO18006               | 8 1/2 Mile Relief                             | CPR Class                             | \$ 670.00  | GEN     |          | 0          |
| C    |                |            |                        |            |                       |   |                                       |            |         |          |            |
| D    |                |            |                        |            |                       |   |                                       |            |         |          |            |
| E    |                |            |                        |            |                       |   |                                       |            |         |          |            |
| F    |                |            |                        |            |                       |   |                                       |            |         |          |            |
| G    |                |            |                        |            |                       |   |                                       |            |         |          |            |

REV 09/2018

23. Total: \$ 1,340.00

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

|                                   |                                  |
|-----------------------------------|----------------------------------|
| 25. Finance Officer: <u>BM/kk</u> | 30. Drain: <u>MIDDD/8.5</u>      |
| 26. Chief Deputy: _____           | 31. Project Balance: <u>N/A</u>  |
| 27. Engineers: _____              | 32. Staff Date: <u>4/5/2022</u>  |
| 28. Managers: _____               | 33. Board Date: <u>4/11/2022</u> |
| 29. Coordinator: _____            | 34. Select For Pay Date: _____   |

INVOICE #03162022 MACOMB SANT CPR FA BBP

# RESCUE TRAINING SERVICES LLC

3868 Burns Line  
Croswell, Mi 48422  
810-712-3090 / DUNS 081210782/

DATE 03/19/2022

## BILL TO

Kristofer Benda - Operations Manager  
23001 East 9 Mile Rd St. Clair Shores, MI 48080

## FOR

6 HR CPR ,FIRST AID  
BLOODBORNE PATHOGENS AHA

Macomb County Public Works Commissioner Candice S. Miller

## Details

## AMOUNT

9 STUDENT CLASS CPR

\$1,340.00

VENDOR V77144

PO# PW000209

payment - net 30 days

SUBTOTAL \$1,340.00

TAX RATE 0.00%

OTHER \$0.00

TOTAL \$1,340.00

Make all checks payable to RESCUE TRAINING SERVICES LLC

If you have any questions concerning this invoice, use the following contact information:

Kurt McFarlane, 810-712-3090, kurtfire911@gmail.com

**THANK YOU FOR YOUR BUSINESS!**

50% 8.5

50% MID

**Budget to Actual**  
**8.5 Mile Relief**  
**As of Mar 31, 2022 = 50%**

| DESCRIPTION   | 2022<br>FINAL BUDGET | ENCUMBERED | ACTUAL    | REMAINING<br>BUDGET | PCT UTILIZED |
|---|----------------------|------------|-----------|---------------------|--------------|
| <b>REVENUE ACCOUNTS</b>                                     |                      |            |           |                     |              |
| Interest Earned   | 30,000               |            | 3,146     | 26,854              | 10.5%        |
| Other Revenue   | 4,000                |            | 2,337     | 1,663               | 58.4%        |
| 8.5 O&M/Charge Required Revenue                             | 4,748,520            |            | 4,748,520 | -                   | 100.0%       |
| PY Revenue-Fund Balance                                     | 3,840,000            |            |           | 3,840,000           | 0.0%         |
| Use of SCADA Reserve  | 147,950              |            | -         | 147,950             | 0.0%         |
| <i>Total Revenue Accounts</i>                               | 8,770,470            | -          | 4,754,003 | 4,016,467           | 54.2%        |
| <b>EXPENSE ACCOUNTS</b>                                     |                      |            |           |                     |              |
| Application/Permit Fee                                      | 6,000                |            | 6,000     | -                   | 100.0%       |
| Dues, Training, Conf, Subs.                                 | 10,380               |            | 2,787     | 7,593               | 26.8%        |
| <u>Engineering</u>  |                      |            |           |                     |              |
| As needed Engineering                                       | 75,000               |            | 8,925     | 66,075              | 11.9%        |
| 9 Mile PS-const Admin/Const Mgr at risk                     | 2,537,390            |            |           | 2,537,390           | 0.0%         |
| Cost Share Army corp Grant-Green Infrastructure Project     | 162,500              |            |           | 162,500             | 0.0%         |
| 9 Mile Pump Station Design-Use of Capital Reserve           | 147,950              |            |           | 147,950             | 0.0%         |
| 9 Mile Pump Station Design-Was Flushing                     | 797,090              |            | 401,928   | 395,162             | 50.4%        |
| 9 Mile Bypass Structural Repairs-Construction/CA            | 730,590              |            | 33,554    | 697,036             | 4.6%         |
| Chapaton Improvements-Lab Relocation <sup>(1)</sup>         | -                    |            | 21,254    | (21,254)            | 100.0%       |
| Canal Rehab(Using funds received from EGLE)                 | -                    |            | 12,554    | (12,554)            | 100.0%       |
| Pumping and screening improvements <sup>(2)</sup>           | -                    |            | 80,256    | (80,256)            | 100.0%       |
| In-System Storage-Construction & Const Admin <sup>(3)</sup> | 2,250,000            |            | 156,331   | 2,093,669           | 6.9%         |
| New Equipment   | 28,590               |            | 20,821    | 7,769               | 72.8%        |
| Office Supplies   | 500                  |            | 137       | 363                 | 27.4%        |
| Operating Supplies  | 65,400               |            | 26,880    | 38,520              | 41.1%        |
| Other Professional Svcs                                     | 36,000               |            | 3,029     | 32,971              | 8.4%         |
| Personnel Services  | 1,032,200            |            | 267,060   | 765,140             | 25.9%        |
| Repair & Maintenance  | 197,000              |            | 91,940    | 105,060             | 46.7%        |
| Contribution to Reserve                                     | 288,240              |            |           | 288,240             | 0.0%         |
| Scada System  | 138,040              |            | 13,420    | 124,620             | 9.7%         |
| Utilities   | 267,600              |            | 173,590   | 94,010              | 64.9%        |
| <i>Total Expense Accounts</i>                               | 8,770,470            | -          | 1,320,466 | 7,450,004           | 15.1%        |

|                            | O&M Balance<br>9/30/2021 | O&M       | Total<br>3/31/2022 |
|----------------------------|--------------------------|-----------|--------------------|
| <b>Cash - Operating</b>    | 12,229,091               | 3,433,537 | 15,662,628         |
| <b>Accounts Receivable</b> |                          |           | 0                  |
| <b>Assets</b>              |                          |           | 0                  |
| <b>Liabilities</b>         |                          |           | 0                  |
| <b>Revenues</b>            |                          | 4,754,003 | 4,754,003          |
| <b>Expenditures</b>        |                          | 1,320,466 | 1,320,466          |
|                            |                          |           | 0                  |
| <b>Equity*</b>             | 12,229,091               |           | 15,662,628         |

**Detail of 2021 Equity\***

|   |           |                                      |           |
|---|-----------|--------------------------------------|-----------|
| In-System Storage Design/Const Admin/Const            | 2,242,472 | Capital Reserve                      | 1,199,905 |
| 9 Mile Pump Station Design                            | 1,130,932 | SCADA Reserve                        | 129,870   |
| 9 Mile Bypass Struct Rprs-Const/CA                    | 635,989   | LSCWWI 04B Transfer                  | 738,112   |
| Disinfection system upgrade (Design and Construction) | 14,255    | Contribution from Macomb Cty         | 2,000,000 |
| Chapaton Improvements-Lab/Office Space <sup>(1)</sup> | 237,749   | In System Contrib from SEMSD         | 1,000,000 |
| As-Needed Engineering                                 | 61,595    | MEDC Grant-Design ISS <sup>(3)</sup> | 373,355   |
| Pave side road that goes to the basin deck            | 15,000    | SRF Replacement Reserve              | 2,332,930 |
| Chlorine storage tank #3 relining                     | 7,500     |                                      |           |
| Firewall Hardware Design/Config                       | 12,900    |                                      |           |
| Obsolete Wireless backhaul replacement links          | 16,120    |                                      |           |
| Fiber Optic Improvements                              | 16,130    |                                      |           |
| SolarWinds - Network Management Software              | 9,670     |                                      |           |
| Pumping and screening improvements <sup>(2)</sup>     | 54,608    |                                      |           |