

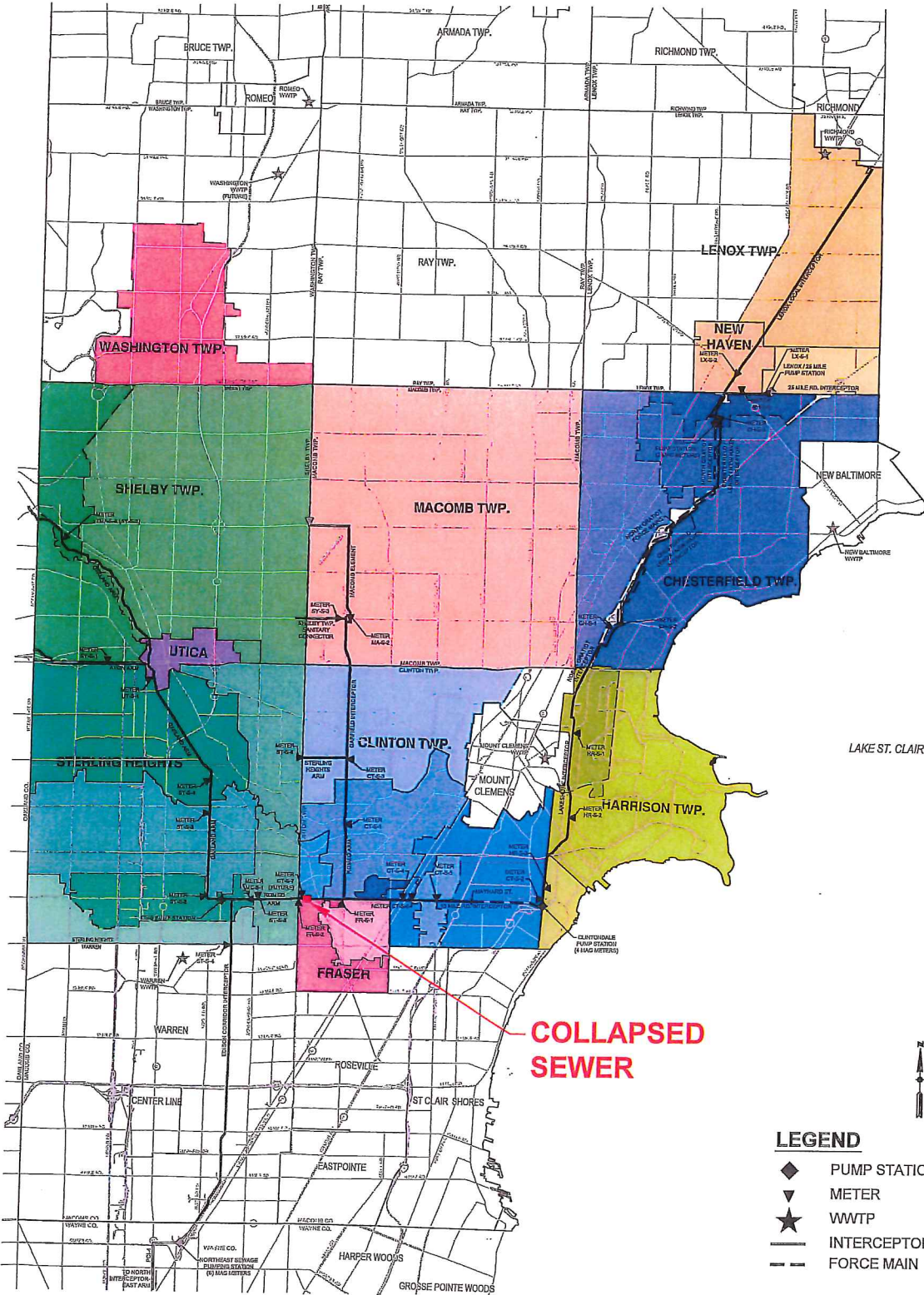
MACOMB INTERCEPTOR DRAIN
AUGUST 7, 2017
11:00 A.M.
AGENDA

| | Page |
|--|------|
| 1. Call of meeting to order and roll call | |
| 2. Approval of Agenda for August 7, 2017 | |
| 3. Approval of Minutes for July 10, 2017 | 3 |
| 4. Public participation | |
| 5. 15 Mile Interceptor Repair Project Update – Evans Bantios | |
| 6. Motion: Approve award of contract to Flowmore Services in a not to exceed amount of \$16,435.00 for cleanout of two forcemains at the North Gratiot Interceptor Pump Station – Vince Astorino | 6 |
| 7. Motion: Approve payment of invoices on attached spreadsheet, as presented – Brian Baker | 25 |
| 8. MIDD Financial Report – Bruce Manning | 28 |
| 9. Old Business | |
| 10. New Business | |
| 11. Adjourn | |

Next Regular Meeting

September 11, 2017 at the Office of the Macomb County Public Works Commissioner, 21777 Dunham Road, Clinton Township, Michigan 48036 at 11:00 a.m.

MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT



COLLAPSED SEWER

- LEGEND**
- ◆ PUMP STATION
 - ▼ METER
 - ★ WWTP
 - INTERCEPTOR
 - - - FORCE MAIN



Candice S. Miller
 MACOMB COUNTY PUBLIC WORKS COMMISSIONER



UPDATED: FEBRUARY 2017

An adjourned meeting of the Intra-County Drainage District for the **MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT** was held in the Office of the Macomb County Public Works Commissioner, 21777 Dunham Road, Clinton Township, Michigan, on July 10, 2017 at 10:57 A.M.

PRESENT: Brian Baker, Acting Chair
Robert Mijac, Member

ABSENT: Bryan Santo, Member

ALSO PRESENT: Robert Smith, Macomb County Board of Commissioners; Karen Czernel, Deputy, Keith Graboske, P.E., Chief Engineer, Vincent Astorino, Engineer II, Evans Bantios, Engineer II, Anthony Forlini, Operations Manager, Richard Ives, Community Wastewater Services Manager, Bruce Manning, Financial Manager, Barbara Delecke, Administrative Services, Macomb County Public Works; Benjamin Aloia, Aloia & Associates; Don Coddington, Chesterfield Township; Chris Dilbert, Village of New Haven; Jared Beaudoin, City of Sterling Heights

The meeting was called to order by the Acting Chair, Brian Baker. The agenda was approved as presented.

Minutes of the meeting of June 12, 2017 were presented and approved on a motion by Mr. Mijac, supported by Mr. Baker and unanimously carried.

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

Mr. Bantios updated the Board on the sinkhole repair. Ninety percent of the excavation is done and bracing is being installed for the earth retention system. Hobas pipe will be delivered on July 12, 2017 and will be installed early August. Jay Dee Contractors is currently on-site. Contract requirements are being worked out with Dan's Excavation, Jay Dee Contractors and Macomb County. Staff is negotiating with Dan's Excavation on the scope of work and cost for the road repair. The project is on schedule and currently under budget.

A motion to receive and file the verbal report from Mr. Bantios was made by Mr. Mijac, supported by Mr. Baker and unanimously carried.

The \$20 million borrowed from the County was repaid on June 20, 2017, plus interest. The bond proceeds have been invested and are being used to pay construction costs as they are approved for payment.

A motion to receive and file the loan repayment report from Mr. Baker was made by Mr. Mijac, supported by Mr. Baker and unanimously carried.

The Albu home is located on the corner of Eberlien and 15 Mile Road. The family was evacuated from their home and were unable to retrieve any of their personal belongings. The purchase of the home was settled in May. This portion of the Reimbursement and Release Agreement is for personal property, lodging, moving costs, attorney fees and other expenses

related to the condemnation procedures. This is a full and final resolution of all claims.

A motion to approve the Reimbursement and Release Agreement totaling \$151,241.07, as a full and final resolution of all claims relating to the Albu family, and authorize Aloia & Associates to proceed to finalize the transaction was made by Mr. Mijac and supported by Mr. Baker.

Ayes: Mijac, Baker

Nays: None

Motion approved.

The Valente family experienced sewer backup in the basement caused by dewatering being put into one of the manholes and backing up the flow to several homes.

A motion to approve the Reimbursement and Release Agreement totaling \$15,714.67 for lodging, food, utilities and sewer backup remediation and rehabilitation expenses for the Valente family and authorize Aloia & Associates to proceed to finalize the claim was made by Mr. Mijac and supported by Mr. Baker.

Ayes: Mijac, Baker

Nays: None

Motion approved.

There are two 90 hp Flygt pumps at the North Gratiot Interceptor Pump Station. During routine maintenance, it was discovered that sewage was leaking into the pump. The cost for repair is \$22,474.00. The cost for a new pump is \$74,000.00. Mr. Astorino is recommending that the pump be rebuilt. Mr. Coddington asked if there was a spare pump in the design specifications for the station. The station was built under minimal specifications. The repair of the pump will take approximately two weeks.

A motion was made by Mr. Mijac, supported by Mr. Baker to approve the repair of the North Gratiot Pump Station West Pump for \$22,474.00 by the Flygt pump certified contractor Kennedy Industries.

Ayes: Mijac, Baker

Nays: None

Motion approved.

The Chair presented the invoices totaling \$7,468,010.90 to the board for review and approval.

RedZone Robotics, Inc. is performing a condition assessment on the remaining part of the MID system. They are about 60 to 70 percent complete. No major issues have been found in the sewer. When the inspection is complete, a project plan will be put together on how to proceed next.

Mr. Mijac asked for an explanation on the Phoenix Loss Control invoice. This expense was incurred because of the sinkhole and the need to reroute Wide Open West fiber optics.

Motion was made by Mr. Mijac, supported by Mr. Baker to approve the invoices as presented.

Ayes: Mijac, Baker

Nays: None

Motion approved.

To date, \$40 million has been spent on the repair of the 15 Mile Sinkhole Project. Total project cost is estimated at less than \$75 million. The cost to MIDD customers for the repair amounted to an average 3.4% increase.

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

A motion to dismiss was filed on the Sterling Heights lawsuit. Sterling Heights issued a press release today regarding filing an amended claim.

The next regular meeting will be held on August 7, 2017, 11:00 a.m. at the Macomb County Public Works Office.


The meeting was adjourned at 11:26 a.m. on a motion by Mr. Mijac, second by Mr. Baker, and unanimously approved.



Brian Baker, Acting 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 District shown on the attached set of minutes, on July 10, 2017, the original of which is on file in the Public Works Commissioner's Office. Public notice of the meeting was given pursuant to Act No. 267, Public Acts of Michigan, 1975, including, in the case of a special or rescheduled meeting or a meeting secured for more than 36 hours, notice by posting at least 18 hours prior to the time set for the meeting.



Brian Baker, Acting Chair
Macomb County Public Works Commissioner

DATED: 7/11/17

8802.bd



Candice S. Miller

Public Works Commissioner
Macomb County

To: Candice Miller, Macomb County Public Works Commissioner

From: Vincent Astorino, Engineer II – Wastewater Services

Date: July 13, 2017

Subject: North Gratiot Pump Station Pigging Operation Recommendation Letter

The North Gratiot Pump Station (NGIPS) consists of 2 – 90 horsepower pumps that send flow through two 22-inch HDPE pipelines that are approximately 27,000 feet in length each. On an annual basis, we send what is known as a “pigs” in the industry through each forcemain to clean the lines out.

We reached out to three different companies to provide a quote to perform this work and their not-to-exceed numbers are below and the quotes are attached. MCPWO will coordinate work with the selected contractor in an effort to reduce costs. This work is planned to be done within one day as long as there are no delays or obstructions within the mains.

- Flowmore Services = \$16,435.00
- Clean Harbors = \$23,254.50
- TDW Services Inc. = \$38,800.00

After reviewing the proposals submitted, it is my recommendation that we move forward with Flowmore Services with the not to exceed limit of **\$16,435.00**. We also used Flowmore Services in the past years inspection and there was no issue with their work.

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

MAILING ADDRESS: P. O. Box 806, Mt. Clemens, Michigan 48046-0806

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



FLOWMORE SERVICES

A DIV. OF PIPELINE PIGGING PRODUCTS, INC.

07/10/2017

Alex Pirkovic

MaComb County Public Works

21777 Dunham Road

Clinton Township, MI 48036

586-557-3024

Alex.Pirkovic@MaComb.gov

Reference: Cleaning 2 – 22” HDPE DR.13.5 piping approx. 27,000’ long

Flowmore Services is pleased at the opportunity to quote MaComb County Public Works for the above mentioned work.

Flowmore Services price is and is not to exceed \$16,435.00

Flowmore Services will supply the following:

1. Two factory trained employees to assist with launching and pigging
2. Room, Board, and Transportation to job site
3. Temporary pig tracking system
4. 2- 20” CPB Pigs w/cavity and handling ropes
5. Freight for pigs and tracking system

We would ask others to supply the following:

1. Exact location of pipe for tracking purpose
2. Adequate water pressure@15psi and 3000gpm
3. Access to the pipes via pig launcher
4. Crew to operate valves and assist with launching
5. Disposal of all effluent materials and pigs
6. Any and all permits that may be required

Flowmore Services feels like this can be completed in one 8 hour day. Any delays not directly caused by Flowmore Services will be billed at our normal daily rate. Flowmore Services is not responsible for any blockage whether man made or of natural causes. Any insurance over and above our 1mil public liability will be marked up 20% and added to the price.

Rescheduling Policy: Any rescheduling of work after a P.O. /Contract has been issued, will constitute a 5% penalty of said Contract/ P.O..

Cancellation Policy: Notwithstanding anything to the contrary contained in the (contract), in the event of the cancellation of the contract by Contractor without default of Subcontractor prior to its being fully performed, the following shall apply in addition to any remedies or damages or other compensation available to Subcontractor under the (contract).10% of Contract will be due upon Cancellation

If you have any questions or comments feel free to give me a call or e-mail.

Respectfully

Walter Whatley
Flowmore Services
Houston, TX 77269
1-800-356-9667
Walt @pipepigs.com



TDW Services, Inc.
Pipeline Performance™

Mailing: P.O. Box 1286 ♦ Tulsa, Oklahoma 74101-1286
6585 S. 61st West Avenue ♦ Tulsa, Oklahoma 74131
(918) 447-5500 ♦ Fax: (918) 447-5550
www.tdwilliamson.com

Mechanical Cleaning

For

Macomb County Public Works

22" x 6mi HDPE

Chesterfield, MI

TDW Quotation 628-1706-004-MI



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628-1706-004-MI
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(918) 447-5500 ♦ Fax: (918) 447-5550
www.tdwilliamson.com

TDW Quotation 628-1706-004-MI

Ship To: Chesterfield, MI

Date: June 27, 2017

Contact: Alex Pirkovic

Terms: Net 30 days

Title:

Phone: 586-469-2530

Email: alex.pirkovic@macomb.gov

TDW Services Inc. is pleased to provide our quotation to Macomb County Public Works to perform mechanical cleaning for the (2) 22" x 6mi pipeline segments near Chesterfield, MI. We have included in our quotation all aspects of our quality services including mobilization of personnel/equipment and our onsite services.

Prices are based on information provided at time of quotation.

We look forward to your positive response and to being of service to Macomb County Public Works in completing this work in a timely and cost effective manner. We are prepared to begin this work upon receipt of a purchase order referencing a valid MSA (Master Service Agreement) and/or executed TDW Terms and Conditions.

Should you have any questions or if I may be of any additional assistance, please do not hesitate to contact us:

Jason Wold

Sales Engineer

Cell: 515-707-2261

Office:

E-mail: jason.wold@tdwilliamson.com

Brandon Bruchhaus

Project Manager

Cell: 832-205-5284

Office: 832-485-7293

E-mail: brandon.bruchhaus@tdwilliamson.com





| Mechanical Cleaning - 22" x 6mi HDPE | | | |
|--|-------------|-----------------|---------------------|
| Description | Rate | Quantity | Total Costs |
| Personnel Mobilization and Demobilization | \$ 8,650.00 | 2 | \$ 17,300.00 |
| Personnel Day Rate - 3 Techs, 12 Hr Day w/tracking equip | \$ 6,650.00 | 2 | \$ 13,300.00 |
| 22" Criss-Cross Poly Pig | \$ 2,050.00 | 4 | \$ 8,200.00 |
| Estimated Total | | | \$ 38,800.00 |

All Notes, Responsibilities & Assumptions must be reviewed and accepted for this proposal to be valid.

Critical Notes for Customer Review:

- **Additional Day Rate:** Will be charged at rates stated above for personnel and equipment. Additional mob/demob will be charged at the rates stated above. **The overtime rate for TDW personnel is \$150 / hour; this will apply to any hours worked beyond 12-hours. Standby day charges billed at additional day rates stated above.**
- **Pricing:** Based on the information provided at the time of quotation.
- **Questionnaire:** Completed questionnaire is required prior to acceptance of the service award.
- **Time Line:** Single mobilization
- **Availability:** Equipment and personnel availability will be determined by receipt of a purchase order.
- **Site Visit:** A site visit is required prior to work commencing.
- **OQ:** TDW's OQ is accepted, if additional onsite training is required it will be charged at cost + 15% plus direct labor costs.
- **Extra Work:** TDW requires written authorization (change order) prior to any work that is not included in the original scope of work.
- **Freight:** 3rd party freight billed at cost + 15%. If TDW drivers haul equipment, freight will be billed at \$3.50/mi roundtrip from Tulsa, OK.
- **PPE:** TDW will provide standard PPE with all personnel (i.e. FRC's, steel-toed boots, safety glasses, hard hats, ear-plugs, standard gloves); if any additional PPE is required than Company should provide or TDW can provide at Cost.
- **Traffic Control:** Landowner notifications, traffic control, security to be provided by Company.

TDW Responsibilities Include:

- **Labor:** One (1) Field Supervisor, two (2) Pipeline Technicians
- **Equipment:** NA
- **Materials:** (4) Criss-Cross Poly pigs
- **Containment:** None
- **Disposal:** None
- **Tracking:** None.





TDW Services, Inc.
Pipeline Performance™

Mailing: P.O. Box 1286 ♦ Tulsa, Oklahoma 74101-1286
6585 S. 61st West Avenue ♦ Tulsa, Oklahoma 74131
(918) 447-5500 ♦ Fax: (918) 447-5550
www.tdwilliamson.com

Company Responsibilities Include:

- **Labor:** Provide representative at each site location at all times
- **Equipment:** Launchers/Receivers
- **Materials:** Water supply to propel pigs
- **Accessibility:** Provide adequate access to launch/receive site locations.
- **Welding:** Provide if required.
- **Matting/Gravel:** Provide if required.
- **Disposal:** Provide disposal of any pipeline debris/waste/cleaning pigs/etc.
- **Permitting:** All permitting.

Assumptions:

- **Access:** Proper ingress and egress to all job locations.
- **Product:** Water
- **Station Locations:** Adequate space for equipment at job sites.
- **Weather Conditions:** Inclement weather could cause delays.
- **Labor:** Non union labor is priced.
- **Bends:** 1.5D or greater

General Pricing Conditions

All work estimates are based on labor rates for straight time 12-hour shift. Overtime rates will apply to weekdays after 12-hours, and on all hours worked/traveled on weekends & holidays @ rates stated. Stand-by labor and equipment charges by TDW's personnel and equipment are for 8-hour minimum, except where otherwise explicitly stated. The stand-by and overtime labor and equipment hourly rates will be prorated in accordance to the day rates identified on rate sheet. All travel, lodging and subsistence expenses are included in the daily rates.

All work associated with changes to or deviations from the original scope of work and / or schedule will not be commenced until written approval from Company representative is received in the form of a purchase/change TDW order to the Contractor. In the event that transactions transpire during a typical working hours, the Company representative will provide an on-site written authorization in order to proceed with the work changes to the original scope of work. All change orders will be prepared in accordance to the day rates identified on rate sheet.



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COMMERCIAL TERMS

Pricing "DOES NOT INCLUDE":

- I. Any applicable sales taxes
- II. Containment and disposal costs of debris and waste material
- III. Construction work related to the preparation, installation, or modification of the pipeline required for tool launching/receiving.
- IV. Excavation, welding, and other work activities related to main line piping modifications or repairs.

PAYMENT TERMS: Payment terms are net 30 days. Upon completion of fieldwork, TDW Services, Inc. will invoice 100% of each task with the exception of ILLI work in which 75% will be invoiced after completion of field work and the remaining 25% upon delivery of the final report. TDW Services, Inc. will invoice 100% for any other additional services provided as the services are completed. These payment terms are subject to credit approval.

CANCELLATION CHARGES: If job is canceled within 14 days of mobilization, 25% of the contract value will be charged. If the job is cancelled after mobilization but before work commences, 25% of contract value plus all mobilization and demobilization costs will be charged per the TDW Services, Inc. proposal. If job is cancelled while work is in progress, all completed work will be charged per the proposal.

QUOTATION VALIDITY: The pricing contained herein is based on information provided at the time of the quotation. Should said information change, TDW Services Inc. reserves the right to modify or rescind this quotation. This quotation is valid for 90 days, after which time, if not accepted by the CUSTOMER or extended in writing by TDW, it will be deemed withdrawn.

MOBILIZATION NOTICE: A minimum of fourteen (14) days notice to mobilize is required after receipt of the CUSTOMER service order. Re-scheduling the service contingent upon the availability of equipment and personnel.

Submit all purchase orders, invoices and accounting questions to:

PLS-Vendor-Invoices@tdwilliamson.com

Or

TDW Services Inc.
Attn: Lilly Mathison
6585 S. 61st West Avenue
Tulsa, OK 74131-2444
918-447-5555 (office)
Lilly.Mathison@TDWilliamson.com



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TDW STANDARD TERMS

Notwithstanding anything in the Customer's purchase order or any related document to the contrary, these Standard Terms and any attachments ("Agreement") take precedence over Customer's purchase order or any additional or different terms and conditions, to which notice of objection is hereby given. Neither TDW's commencement of performance nor delivery shall be deemed or construed as acceptance of Customer's additional or different terms and conditions. Customer's purchase of TDW products or services hereunder represents acceptance of this Agreement, which constitutes the entire understanding between the parties and supersedes any previous communications, representations, or agreements by either party whether verbal or written. No change or modification of this Agreement shall be valid or binding on either party unless in writing and signed by an authorized representative of each party.

1. All orders are subject to acceptance by TDW. Prices are subject to change without notice. No material change will be made to the scope of work without mutual consent in writing, including agreement on compensation.
2. Claims for shortages or defective products must be made within ten (10) days after receipt of shipment.
Loss or damage to materials in transit is the responsibility of the carrier. TDW shall not be liable for any claim for services brought after six (6) months from its work completion.
3. Customer is responsible for all costs and expenses, including attorney fees, incurred by TDW in collecting the purchase price for goods or services beyond the stated due date. In the event of any termination or cancellation by Customer, TDW shall be paid by Customer all compensation earned prior to such termination or cancellation, including without limitation, costs for engineering, materials, shipping, and its scheduled demobilization fee, or if none is shown, a reasonable demobilization fee.
4. In the normal course of making hot taps, it is occasionally necessary to change a hot tap cutter due to damage and wear, and the same shall not be considered a delay of work at the site. TDW does not guarantee that the coupon (the piece of pipe tapped out) will be retained, or that the process will not leave shavings in the pipeline. In either event Customer takes responsibility for the pipeline, pipeline damage, loss of revenue if the pipeline is shut down, and removal of any coupon or shavings.
5. Because the nature of the services provided by TDW depends on the quality of the construction, materials and information provided by others and because of the uncertainty of variable pipeline and project site conditions (as the case may be) and the necessity of relying on facts and supporting services furnished by others, TDW is unable to guarantee the effectiveness of the products, supplies or materials, research analysis, job recommendation or other data or services furnished by TDW. TDW personnel will use their best efforts in gathering information and their best reasonable judgment on interpreting it but Customer agrees that TDW shall not be liable for and Customer shall indemnify TDW against any damages arising from the use of such information. Specifically with regard to pipeline work, and without limiting the generality of the foregoing, TDW does not warrant the results of any inspection, including without limitation, the data obtained from a pipeline inspection, the possibility that its pipeline inspection tool will find all of the potential anomalies in a pipeline, and/or any conclusions about the structural condition of the pipeline or any other condition of the pipeline regardless of the reports, records, evaluations, and recommendations made by TDW and its pipeline inspection tool.
6. Should any of TDW's in-line inspection equipment become stuck, lost, damaged or irrecoverable in a pipeline: (i) Customer shall assume full responsibility for recovery including all associated costs, and all repair necessary for recovery, and if not recoverable, shall pay TDW for such lost





equipment together with all sums due and owing for services performed; and (ii) Customer assumes all risk of loss of and damage to any of the pipelines, including without limitation, loss of revenue for any period a pipeline is shut down, and agrees to hold TDW harmless for any such damage. Proper credit will be issued by TDW for any in-line inspection equipment subsequently recovered and returned. In the event TDW's in-line inspection equipment or tools are contaminated by any hazardous substance or naturally occurring radioactive material while performing the work, Customer shall be responsible for and shall reimburse TDW for all costs related to decontamination and disposal of such substances or materials.

7. In the event TDW provides any type of consulting or other professional services, the following shall apply.
TDW agrees to perform consulting or other professional services under this Agreement in accordance with the degree of skill and care ordinarily exercised by practicing design professionals performing similar services under similar circumstances. TDW makes no other representations and no warranties of any kind, whether express or implied, with respect to its consulting or other professional services. TDW agrees to indemnify the Customer against damages incurred by the Customer to the extent caused by TDW's negligent performance of consulting or other professional services under this Agreement.
8. In the event of a re-stop procedure, TDW does not guarantee that the completion plug will be retrieved. In such event Customer takes full responsibility for the pipeline, including without limitation, retrieval of any completion plug or damage to the pipeline.
9. TDW shall not be liable for any delay in performance hereunder due to unforeseen circumstances or due to causes beyond its control including without limitation, acts of nature, acts of government, labor disputes, delays in transportation, and delays in delivery or inability to deliver by TDW's suppliers. TDW makes every effort to ship all material within the time indicated, but does not guarantee to do so, and all such indications are subject to delays occasioned by causes beyond TDW's control.
10. TDW has the right to stop work in the event it reasonably believes a safety or legal matter exists, and such will not be considered a delay of work.
11. Customer shall be liable at all times for all costs and claims on account of all pollution or contamination in any way connected with the uncontrolled flow of oil, gas, water or other substances, hazardous substances, or items or equipment in the possession and control of Customer and associated with Customer's equipment or facilities. Customer shall defend, indemnify and hold harmless TDW from all such costs and claims arising out of the work, regardless of the fault or negligence, whether sole, joint, concurrent, active, passive or otherwise, of TDW or howsoever arising, related to the foregoing pollution or contamination.
12. Customer shall maintain TDW information, including without limitation, TDW's design details, operating characteristics and coding systems on the in-line inspection equipment supplied by TDW, as confidential and will not disclose such information to any other party without TDW's prior written consent.
13. TDW shall retain all intellectual property rights to general know-how or processes, innovations or inventions created or improved by TDW on this job for use across different clients in the regular conduct of TDW's business.
14. Any software provided to Customer hereunder remains the exclusive property of TDW. TDW grants Customer a non-exclusive license to use such software.
15. In the event TDW provides goods or services for Customer as a subcontractor, TDW shall have no liability or responsibility to Owner (as defined in any prime contract or other agreement with the facility





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owner or end user) except and to the extent to and through Customer pursuant to the terms of this Agreement. Customer shall either (i) indemnify and defend TDW from and against any and all claims by, and liability to, Owner in excess of the indemnities, releases, waivers, and limitations of liability in favor of TDW hereunder, or (ii) require that Owner agree, for the benefit of and enforceable by TDW, to be bound by all the indemnities, releases and waivers, and limitations of liability in favor of TDW hereunder.

- 16. In no event shall TDW or Customer be liable to the other for special, indirect, incidental, punitive or consequential damages, including without limitation, loss of profit, loss of use, loss of goodwill, loss of production, loss of revenue, whether for breach of contract, breach of warranty, tort or otherwise.
- 17. Notwithstanding anything in this Agreement or any related document to the contrary, TDW's total liability, whether under warranty, indemnity, contract, tort, insurance or otherwise, shall not exceed \$1,000,000, inclusive of any payments to Customer by TDW's insurance carriers.
- 18. Except as may be prohibited by the U.S. Bankruptcy Laws, in the event of any insolvency or inability to pay debts as they become due by a party hereto, or voluntary or involuntary bankruptcy proceeding by or against a party hereto, or appointment of a receiver or assignee for the benefit of creditors, the other party may elect to cancel any unfulfilled obligations hereunder. Any required notices shall be given in writing at the address of each party set forth herein, or to such other addresses either party may substitute by written notice to the other. Neither party may assign nor transfer any of the rights, duties, or obligations herein, without the prior written consent of the other, and any purported attempt to do so shall be null and void. TDW's failure to exercise any of its rights hereunder shall not constitute or be deemed a waiver or forfeiture of such rights. Any term herein held to be illegal, invalid or unenforceable shall be modified to make such term enforceable and to reflect the intent of the parties, if possible, or fully severable, then these Standard Terms construed as if such modified term was included or such severed term was never included and the remaining terms are in full force and effect. These Standard Terms may be executed in counterparts and facsimile or electronic signatures shall be deemed effective for all purposes. Clerical errors are subject to correction.
- 19. Any dispute regarding the interpretation or validity hereof shall be governed by the laws of the State of Oklahoma. The parties hereby agree that any dispute relating to the products or services sold hereunder shall be subject to the jurisdiction of the courts within the State of Oklahoma.

Customer: _____

By: _____

Name: _____

Title: _____

Date: _____



CleanHarbors[®] INDUSTRIAL PIPELINE SERVICES

ESTIMATE #06152017.01

PIPELINE SERVICES

802 Seaco Ct.
Deer Park, Texas 77536

Phone: 281.478.2675
Fax: 281.478.2695

Thank you for giving Clean Harbors the opportunity to quote your upcoming project.

CHIS pride us in hiring and training elite Project Managers and Field Technicians to work on site with your company. All of our employees are TWIC card holders and have been trained in numerous site specific safety training. All employees have been through the Houston Safety Council and are up to date on all required safety updates.

CHIS uses specialized non-sparking tools and employees that are OQ Qualified. OQ Qualifications assure safety in the transport of hazardous gases and liquids in the nation's pipelines, pipeline operators who perform covered tasks must be qualified. Qualified means that an individual has been evaluated and can perform assigned covered tasks and recognize and react to abnormal operating conditions

We are pleased to provide our Proposal for the cleaning of the following referenced pipeline.

| Project Name & Description | Location of Work to be Completed | | Estimated Start Time |
|--|---|--------------|------------------------------|
| 2- 22 Inch Sanitary Pipelines. 5 Miles (27,000 LF) | Macomb County Public Works Clinton Township, MI | | 2017 |
| Contact Name(s) | Contact Number | Cell | Email |
| Alex Prikovic | 586.469.2530 | 586.557.3024 | Alex.prikovic@macomb.gov.org |

Included in this document is;

- 1. Engineering Estimate & Special Considerations**
- 2. Preliminary Work & Safety Plan**
- 3. Estimated Cost Breakdown**
- 4. General Terms & Conditions**

1. Engineering Estimate & Special Considerations

Project Scope:

The project consists of 2-22 Inch Sanitary Pipelines 5 miles to be cleaned using 20 Inch Carbon Scrubber Poly pigs. This proposal does not reflect conditions observed and is derived from discussions with the customer on site.

Clean Harbors-Scope of Supply:

1. 20 Inch Pigs
2. Tracking Device
3. Site supervisor and technicians. (OQ Certified)
4. Vehicles
5. Freight of equipment and materials to jobsite.
6. Transportation, wages, accommodations and per diems for Clean Harbors Personnel.

Customer Requirements:

1. Suitable access to the ends of the pipeline.
2. Using the Pumps from the Plant
3. Disposal of waste generated from project.

2. Preliminary Work & Safety Plan

Preliminary Work Plan

General

Clean Harbors shall notify the Owner's Site Supervisor prior to commencing any operation on site. CH will provide any documentation asked for pertaining to the actual job and/or training responsibilities.

CH and Owner will agree on specific operating procedures abided by both parties in completing work in a safe and economical manner.

Mobilization and Make-Ready

CH will be mobilizing from Houston, Texas. CH will take the following steps to ensure all assets, material, chemicals and personnel are mobilized and prepped prior to job start. The following actions are for a guide:

1. Make-ready equipment, tools and personnel at CH facility.
2. Submit Final Procedure, JSA and plot plan.
3. Customer to make fabrications to ends to allow access (If needed)
4. CH mobilizes tools and additional support equipment to location.
5. CH personnel arrive at location and prepare for rigging.
6. CH personnel to receive site specific orientation. (If needed)
7. CH to check and prepare support equipment for job.

De-Inventory and Clean

1. CH will provide 20 inch Carbon Scrubber pigs
2. CH will run pigs using Macomb's Pumps on -site
3. Job will then be completed

Demobilization/Completion of job

CH shall notify the Owner's Site Supervisor prior to demobilizing. CH will get verification and appropriate documentation to show pipeline has been cleaned to agree upon parameters.

1. Schedule for equipment, tools and personnel to be removed from facility.
2. Submit final documentation to customer.
3. Receive signed site release form.
4. Demobilize back to CH Facilities.

Preliminary Safety Plan

Clean Harbors Industrial Services Inc. (CHIS) joins Macomb County Public Works, Texas in the commitment to the performance of Quality Work as a Priority striving for cleaning and removal of the product line. We believe that All Work can and will be accomplished with ZERO Incidents for ALL Jobs.

CHIS are dedicated to the Health and Safety of all our employees, contractors, and customers. The company policy is to abide by all Federal, State and local regulations in turn providing the safest worksite possible.

Total incident prevention can only be accomplished through the coordinated efforts of all employees. Therefore, all CHIS personnel, as a condition of employment, must be knowledgeable of and follow the company Safety and Health requirements.

Safety is a part of each and every employee's job; active participation in the company safety program is a condition of employment. No employee is expected or required to do a job that he or she deems unsafe. All CHIS employees shall work together to provide themselves, their customers, the environment and the general public a safe worksite.

If you see someone about to commit an unsafe act, stop them and discuss it with them. Help your co-worker. Make your work environment safe for everyone.

Employees working for CHIS shall be required to comply with Health & Safety laws, Regulations and to adopt the safety practices for CHIS.

COMMUNICATING THE SAFETY PLAN:

All CHIS employees onsite will be informed of the contents of the Safety Information Plan prior to work. The Safety Information Plan will be available to all workers onsite.

JOB SCOPE:

1. **Pre-Down-** CHIS will schedule equipment and personnel to prep and clean above mentioned line to begin on Predetermined Day.
2. **Outage-** Any Outage will be executed by the customer and followed by all CHIS employees
3. **Post-** Have contact sign-off on service receipts and job close out.

PPE

CHIS focus on a Safety First Protocol - All CHIS employees will have the following Personal Protective Equipment as a minimum:

1. Steel Toed Work Boots.
2. Hard Hat.
3. Fire Resistant Clothing.
4. Safety Gloves.
5. Safety Glasses/Shield if applicable.
6. Ear Plugs.
7. Chemical Clothing if applicable.

FIRST AID AND INJURY REPORTING:

1. **Immediately** notify CHIS Project Manager/Foreman who will in turn notify the Operation Representative from the site/customer.
2. The Project Manager shall notify CHIS Health & Safety Regional Manager:
 - a. Carlos Holloway – Health & Safety Manager Industrial & Specialty Services
 - i. Work: #281.478.2635 Cell: #832.727.4445
3. The Injury/Illness Report is to be completed and sent to CHIS reporting Agency and forwarded on to Operations Manager/Representative onsite for site/customer.
4. Ensure that the Post-Incident Drug and Alcohol Requirements are met.

Job Hazard Analysis and Tool Box Talks:

CHIS will complete Tool Box Talks at the beginning of each shift while onsite. A JHA will be completed prior to any work being done. The JHA will need to be updated if any new hazards arise; and a new JHA shall be completed when moving to a different unit. (CHIS JHA is included with Job Folder provided with Project Manager)

EMERGENCY PROCEDURES

It is the responsibility of plant to have a system in place to track the instruction of all contractor personnel in their evacuation procedures. It is the responsibility of all Company personnel to attend the designated training programs when instructed by plant personnel. The plant is responsible to train each Company employee in the:

- Alarm Systems used
- Evacuation routes, procedures and safe havens

Fire:

If a small fire is discovered in the contractor work area, competent personnel should attempt to extinguish the fire with portable extinguishing equipment.

All fires and emergencies shall be reported to the Site Representative/Customer Immediately.

When an emergency alarm (complete evacuation) is sounded, CHIS should turn off all equipment and report to the designated location. Do not return to work until instructed to do so by the Onsite Representative.

Spill:

Ensure the Onsite Representative is notified. Establish and mark off boundaries to create a security zone. Prevent the spill from moving beyond the immediate area. Proceed with clean-up if safe. Ensure proper protection is worn during cleanup.

Weather:

CHIS shall stay in touch with the Onsite Representatives if severe weather is imminent. CHIS employees will evacuate to their primary and/or secondary evacuation points. Onsite Representatives will state when work is to start and stop during inclement weather. Work will be stopped and all equipment shall be shut down.

ACCOUNTING FOR PERSONNEL:

Employees are to report to their immediate Supervisor. The Supervisor will take a head count to ensure everyone is accounted for. Once the head count is complete, the CHIS Supervisor shall report the count to the Onsite Representative.

Report any incident that requires emergency response (fire, gas release, injury or serious medical condition)

What to report in an incident or emergency:

1. Give your name and Title
2. Phone number your calling from
3. Exact location and nature of emergency
4. What product was involved?
5. Injuries? (If so, names of injured)

Responsibilities when reporting:

1. Ensure all information given is correct
2. Stay on the line until you are dismissed by the dispatcher
3. Provide as much information as possible
4. Stay calm
5. **PAY ATTENTION** to the dispatcher for any emergency action instructions

HOUSEKEEPING PLAN:

Work areas shall be maintained in a neat and orderly manner. Keep hoses and extension cords out of doorways and walkways and when possible elevated to mitigate tripping hazards. Tools, electrical cords, and hoses must be kept in their proper place when not being used. Be sure all used pigs are cleaned up to prevent trip hazards. All liquid spills must be cleaned up as soon as possible and barricaded when necessary. Do not pile trash or materials in areas where they block access and egress points, fire extinguishers, electrical disconnect or safety showers. Stack or pile safely and always start with a secure base. Make sure the pile will not shift. Trash Containers shall be emptied on a regular basis as not to allow debris to gather next to them.

4. Estimated Cost Breakdown Pricing:

It is estimated that Clean Harbors can provide the equipment, personnel, and materials in accordance with this proposal to cleaning the above pipeline for \$23,254.50

| Description | Estimated Number Required | Rates | Unit of Measure/Notes | Hours/Days | Estimate |
|------------------------------------|---------------------------|--------------------|-----------------------|---------------------------------------|--------------------|
| Mobilization/Demobilization | 1 | \$2,000.00 | Once | 1.00 | \$2,000.00 |
| Crew Truck | 2 | \$175.00 | Day | 4.00 | \$1,400.00 |
| 20" Carbon Scrubber Pigs | 6 | \$2,125.50 | Once | 1.00 | \$2,125.50 |
| Tracker Device | 1 | \$275.00 | Week | 1.00 | \$275.00 |
| PT Crew Supervisor | 0 | | | 0.00 | \$0.00 |
| Regular Time | 1 | \$75.50 | Per Hour | 40.00 | \$3,020.00 |
| Over Time | 1 | \$91.25 | Per Hour | 8.00 | \$730.00 |
| PT Technician | 3 | | | 0.00 | \$0.00 |
| Regular Time | 3 | \$58.00 | Per Hour | 40.00 | \$6,960.00 |
| Over Time | 3 | \$77.00 | Per Hour | 8.00 | \$1,848.00 |
| Subsistence per day | 4 | \$181.00 | Per Day | 4.00 | \$2,896.00 |
| Water (Estimate) | 0 | By customer | Gal. | 0.00 | \$0.00 |
| Equipment | | By customer | Per Day | 0.00 | \$0.00 |
| Demobilization | 1 | \$2,000.00 | Once | 1.00 | \$2,000.00 |
| Disposal | 0 | By customer | Once | 0.00 | \$0.00 |
| | | | | Total (Disposal Not Included): | \$23,254.50 |

Notes and Clarifications:

- 1) Mobilization for specialty equipment will be from Clean Harbors Facilities. All other equipment sourced locally.
- 2) A fuel surcharge may be applicable for mob and demob.
- 3) Other small rental equipment required (heaters, etc) are charged at cost plus 15%.
- 4) Assumed Project timeline is 2017
- 5) This quote is available for acceptance until July 15th, 2017
- 6) This proposal and the pricing and rates included are submitted contingent upon the right to negotiate mutually acceptable contract terms and conditions, which are reflective of the work contemplated in the Request for Quotation documents, and an equitable distribution of the risks involved therein. In the event that such agreement cannot be reached, Clean Harbors reserves the right to decline to enter into such an agreement without prejudice or penalty.

5. General Conditions:

- Except where superseded by an existing services agreement, the following terms and conditions apply to this quoted business.
- The customer hereby acknowledges that the estimated cost is based upon preliminary appraisal by a Clean Harbors Field Representative, and that the amount invoiced by Clean Harbors will be based upon labor and materials actually expended in performing the scope of work. Any changes in the scope will be billed on a time and materials basis.
- Clean Harbors guarantees to hold these prices for 60 Days upon submittal to the customer.

CleanHarbors[®] INDUSTRIAL PIPELINE SERVICES

ESTIMATE #06152017.01

- Clean Harbors standard credit terms are net 15 days.
- For work to begin, we ask that you acknowledge the quotation with a signature and provide the appropriate purchase order number to assign a Clean Harbors Job Number. Where modifications to the scope of services become necessary, Clean Harbors will notify the customer promptly and obtain customer authorization for such modifications and a revised contract/change order will be established in order to complete the project.
- This proposal is contingent on the customer providing full and complete access to the site. Customer represents and warrants to Clean Harbors that the customer has the legal right, title and interest necessary to provide access to the site. In addition, customer warrants that it has supplied Clean Harbors representative complete and accurate information regarding the site, subsurface conditions, utility locations, site ownership, hazardous materials or wastes and other substances or hazards likely to be present and any other reports, documentation or information concerning the scope of work.
- Interest will be charged at 1.5 % per month or the maximum allowed by law for all past due amounts.
- Local, state and federal fees/taxes applying to the generating location/receiving facilities are not included in disposal pricing and will be added to each invoice as applicable.
- Materials subject to additional charges, if they do not conform to the listed specifications.
- Time over ten (10) hours in a normal workday and forty (40) hours in a work week is considered overtime and will be billed accordingly per the price agreed upon. Holidays are considered premium time and will be billed according to the contracted agreed price.
- This proposal and the pricing and rates included are submitted contingent upon the right to negotiate mutually acceptable contract terms and conditions, which are reflective of the work contemplated in the Request for Quotation documents, and an equitable distribution of the risks involved therein. In the event that such agreement cannot be reached, Clean Harbors reserves the right to decline to enter into such an agreement without prejudice or penalty.
- In the event that legal or other action is required to collect unpaid invoice balances, Customer agrees to pay all costs of collection, including reasonable attorneys' fees, and agrees to the jurisdiction of the commonwealth of Massachusetts.
- This proposal/procedure is based on the information provided to us at the time of submittal and follows industry accepted cleaning practices. Any material changes or modifications to the scope must be addressed in writing prior to the project start.
- There is always the potential for some residual material to be present when opening process equipment, even if the equipment is drained, flushed, cleaned and de-pressured. Thorough knowledge of equipment configuration (including internals), preparation activities and the nature of the material inside the equipment is required. Flammable hydrocarbons should be assumed as present in process equipment until the system has been fully blinded, cleaned, opened and verified hydrocarbon-free. Additionally, cold work procedures should be employed when opening process equipment.



ESTIMATE #06152017.01

Please feel free to contact our office should you have any questions or require additional information.

Sincerely,

Doug Bennett
Operations Manager

Acknowledgement:

Your signature below indicates your acceptance of the pricing and terms detailed in the above quote. We look forward to the opportunity to earn your business and will work hard to maintain your business for the future.

Printed Name - Company Representative

Purchase Order #

Title

Date

Signature

Macomb Interceptor Drain - 8/7/17

| Funding Source | Apportionment | Manager | Vendor | Amount | Invoice Detail | Project Summary | Project Balance | |
|--|---|-----------|--|---------------------------------------|---------------------------------------|---|---|-----------------|
| Macomb Interceptor Drain Administration | Chapter 20 Chesterfield - 7.06912% Clinton - 21.19453% Fraser - 4.20779% Harrison - 5.83288% Lenox - 7.6183% Macomb - 13.78561% New Haven - 8.0870% Shelby - 9.87770% Sterling Heights - 31.74642% | Astorino | Convention Management Resources | \$ 912.20 | Invoice #42993737 - 7/6/17 | WEFTEC Conference - lodging for Astorino, Bantios | | |
| | | Astorino | Fishbeck, Thompson, Carr & Huber, Inc. | \$ 1,210.20 | Invoice #367865 - 6/28/17 | GLWA Engineering Assistance | | |
| | | Astorino | Fishbeck, Thompson, Carr & Huber, Inc. | \$ 507.00 | Invoice #368178 - 6/28/17 | Engineering Services - ending 6/16/17 | | |
| | | Baker | Foster Swift | \$ 3,025.96 | Invoice #718786 - 7/18/17 | Engineering Services - ending 6/16/17 | | |
| | | Baker | Foster Swift | \$ 1,200.00 | Legal Services - ending 6/14/17 | | | |
| | | Astorino | Giffels Webster | \$ 1,200.00 | Invoice #718789 - 7/18/17 | Legal Services - ending 5/3/17 | | |
| | | Astorino | Giffels Webster | \$ 50,060.00 | Invoice #113935 - 5/31/17 | Engineering Services - ending 5/20/17 | Inspection Program & Grant Management | \$ 774,457.42 |
| | | Astorino | Giffels Webster | \$ 23,854.50 | Invoice #114013 - 6/16/17 | Engineering Services - ending 5/31/17 | MID Sewer Inspection Work - Red Zone | \$ 197,631.00 |
| | | Astorino | Hubbell, Roth & Clark, Inc. | \$ 10,704.68 | Invoice #0153189 - 7/7/17 | Engineering Services - ending 7/1/17 | Maintenance/Computerized Asset Management | |
| | | Astorino | Johnson & Anderson | \$ 2,280.00 | Invoice #40647 - 7/14/17 | Engineering Services - ending 7/1/17 | MID System - Interceptors/Metering Structures | |
| | | Astorino | City of Mount Clemens | \$ 15,021.69 | Invoice #1715 - 6/30/17 | Consulting Services - ending 7/1/17 | SRF Funding Assistance - Phase 2 | \$ 14,320.00 |
| | | Astorino | RedZone Robotics | \$ 147,897.13 | Construction Estimate #2 - 7/31/17 | Invoice #1715 - 6/30/17 | MCMARS Conversion to Bluewater | |
| | | Astorino | Sprint | \$ 1,516.57 | Invoice #578736375-069 - 6/27/17 | Invoice #1715 - 6/30/17 | Sewage Flow Billing - 5/20/17 - 6/16/17 | \$ 1,356,170.30 |
| | | Astorino | Water Environment Federation | \$ 725.00 | WEFTEC Conference - 9/30/17 - 10/4/17 | Construction Estimate #2 - 7/31/17 | MID Interceptor Condition Assessment | |
| | | Astorino | Water Environment Federation | \$ 725.00 | WEFTEC Conference - 9/30/17 - 10/4/17 | Invoice #578736375-069 - 6/27/17 | Monthly cell phone service | |
| Astorino | Viviano Law | \$ 551.50 | Invoice #19001 - 7/6/17 | WEFTEC Conference - 9/30/17 - 10/4/17 | Conference Registration - Astorino | | | |
| Clintondale P.S. | | Astorino | Clinton Township | \$ 688.70 | Monthly Water - 5/23/17 - 6/28/17 | Conference Registration - Bantios | | |
| | | Astorino | DTE Energy | \$ 12,518.17 | Monthly Electric - 6/2/17 - 6/30/17 | City of Sterling Heights Lawsuit | | |
| | | Astorino | DTE Energy | \$ 14,239.00 | Monthly Electrical - 6/2/17 - 7/4/17 | | | |
| | | Astorino | Galco | \$ 1,359.29 | Invoice #A99680601 - 6/29/17 | VFD fans and filters for VFDs | | |
| 15 Mile Sinkhole | | Bantios | Dan's Excavating, Inc. | \$ 3,503,010.49 | Construction Estimate #4 - 7/28/17 | Recovery Shaft | | |
| | | Astorino | DTE Energy | \$ 6,159.42 | Monthly Electric - 5/25/17 - 6/23/17 | Reimbursement of emergency funds | | |
| | | Astorino | Equian/Grange Insurance Company | \$ 1,000.00 | Subrogation Release - Tobiya/Smith | | | |

Macomb Interceptor Drain - 8/7/17

| Funding Source | Apporionment | Manager | Vendor | Amount | Invoice Detail | Project Summary | Project Balance |
|---|--------------|----------|--|---------------|---|---|------------------|
| 15 Mile Sinkhole (Continued) | | Astorino | Fraser Senior Housing (City of Fraser) | \$ 635.00 | Invoice #7483-2017 - 8/1/17 | Lease payment for George & Lillian Raimondi - August 2017 | |
| | | Astorino | Giffels Webster | \$ 14,663.50 | Invoice #113937 - 5/31/17 Engineering Services - ending 5/20/17 | 15 Mile Odor Control | Project Complete |
| | | Bantios | Hobas Pipe Co. | \$ 26,109.28 | Invoice #2041011437 - 6/30/17 | 15 Mile & Eberlein slip line pipe | |
| | | Bantios | Hobas Pipe Co. | \$ 77,758.52 | Invoice #2041011504 - 7/10/17 | 15 Mile & Eberlein slip line pipe | |
| | | Bantios | Hobas Pipe Co. | \$ 103,411.02 | Invoice #2041011517 - 7/11/17 | 15 Mile & Eberlein slip line pipe | |
| | | Bantios | Hobas Pipe Co. | \$ 103,642.72 | Invoice #2041011533 - 7/12/17 | 15 Mile & Eberlein slip line pipe | |
| | | Bantios | Hobas Pipe Co. | \$ 25,619.40 | Invoice #2041011546 | 15 Mile & Eberlein slip line pipe | |
| | | Bantios | Hobas Pipe USA | \$ 77,533.44 | Invoice #2041011569 - 7/17/17 | 15 Mile & Eberlein slip line pipe | |
| | | Bantios | Hobas Pipe USA | \$ 180,679.66 | Invoice #2041011590 - 7/18/17 | 15 Mile & Eberlein slip line pipe | |
| | | Bantios | Hobas Pipe USA | \$ 25,685.60 | Invoice #2041011604 - 7/19/17 | 15 Mile & Eberlein slip line pipe | |
| | | Astorino | Macomb County | \$ 30,810.76 | Invoice #AR170463 - 6/27/17 | Residence Inn - displaced homeowners | |
| | | Bantios | Michigan CAT | \$ 19,500.00 | Invoice #ER7725015 - 7/20/17 | Generator Rental | |
| | | Bantios | Michigan CAT | \$ 525.00 | Invoice #ER7725035 - 7/20/17 | Trystar Cable | |
| | | Astorino | Omar Malik | \$ 1,950.00 | Invoice #7281-2017 - 8/1/17 | Lease payment for Tammetrice Smith and Salam Tobiya - August 2017 | |
| | | Forlini | Minute Men Staffing Services | \$ 1,048.56 | Invoice #49666 - 7/2/17 | Staffing for sinkhole - Harrington Drain cleanout | |
| | | Forlini | Minute Men Staffing Services | \$ 818.18 | Invoice #49761 - 7/9/17 | Staffing for sinkhole - Harrington Drain cleanout | |
| | | Forlini | Minute Men Staffing Services | \$ 836.02 | Invoice #50005 - 7/16/17 | Staffing for sinkhole - Harrington Drain cleanout | |
| | | Forlini | Oceanview Excavation | \$ 937.50 | Invoice #476 - 7/9/17 | Harrington Drain cleanout | |
| | | Astorino | PVS Nolwood Chemicals, Inc. | \$ 7,312.53 | Invoice #558112 - 7/5/17 | Chlorine Totes (credit due for returned totes) | |
| | | Baker | Viviano Law | \$ 7,541.20 | Invoice #19010 - 7/6/17 | Sinkhole | |
| Lenox/26 Mile Road | | Baker | Viviano Law | \$ 1,586.50 | Invoice #19011 - 7/6/17 | Lenox Township/26 Mile Road | |
| Macomb Element & Sterling Heights Arm Interceptor | SRF 5264-01 | Astorino | Giffels Webster | \$ 13,466.25 | Invoice #113934 - 5/31/17 Engineering Services - ending 5/20/17 | MID Lining | Project Complete |
| Meters | SRF 5487-01 | Astorino | Hubbell, Roth & Clark, Inc. | \$ 2,709.00 | Invoice #0153530 - 7/17/17 Engineering Services - ending 6/17/17 | Meter Pit Evaluations - Construction Services | \$ 189,195.50 |
| | SRF 5487-01 | Astorino | Lakeshore Global Corporation | \$ 42,670.94 | Construction Estimate #31 2/1/17 - 4/14/17 | Meter Rehab/Repair | \$ 519,604.51 |
| | | Astorino | Martin Control Services | \$ 6,227.75 | Invoice #10089 - 7/10/17 | MID Meter Repair | |
| | | Astorino | Martin Control Services | \$ 17,020.00 | Application #8 - 7/13/17 | MID Meter Maintenance | |
| | | Astorino | Teltow Contracting, Inc. | \$ 2,200.00 | 26 Mile Pump Station by-pass installation | LX-S-1 Meter repair | |

Macomb Interceptor Drain - 8/7/17

| <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> |
|-----------------------|----------------------|----------------|--|-----------------|--|--|------------------------|
| NGI | | Astorino | Cummins Bridgegway | \$ 1,392.36 | Invoice #006-44332 - 6/30/17 | Annual generator maintenance with 2-hour load bank | |
| | | Astorino | Fishbeck, Thompson, Carr & Huber, Inc. | \$ 676.00 | Invoice #368179 - 6/28/17 Engineering Services - ending 6/16/17 | SAW Grant Oversight | |
| | | Astorino | Fishbeck, Thompson, Carr & Huber, Inc. | \$ 591.50 | Invoice #368180 - 6/28/17 Engineering Services - ending 6/16/17 | SAW Grant Oversight | |
| | SRF 5568-01 | Astorino | Giffels Webster | \$ 5,035.00 | Invoice #113938 - 5/31/17 Engineering Services - ending 5/20/17 | 21 Mile & Sugarbush - Conceptual Design and Permitting | Project Complete |
| | | Astorino | Home Depot | \$ 1,351.28 | 7/12/2017 | Hand-held electric driver to open valves | |
| | | Astorino | Kennedy Industries | \$ 703.75 | Invoice #578127 - 6/27/17 | Remove Flygt pump and take in for repair | |
| | | Astorino | National Industrial Maintenance | \$ 975.00 | Invoice #28968 - 6/29/17 | Factor wet well rock basket | |
| OMID | | Astorino | Oakland County Treasurer | \$ 4,115,595.25 | Invoice #SDS0005148 - 7/3/17 | Sewage Disposal Charges - June 2017 | |

Total \$ 8,718,384.97

Income Statement
MIDDD
As of July 31, 2017

| | 30-Jun-17 Total Fund | 7-1-17 to 7-31-17 O&M* |
|--------------|-------------------------|---------------------------|
| Revenues | | 740,051 |
| Expenditures | | 2,688,637 |
| Equity** | 39,062,849 | |

NOTES

Projected reserve at 6/30/2017 is

* Includes following Projects:

Dec 2016 Sinkhole

| | | | |
|--------------|------------|------------|----------------------------------|
| Revenue | 8,600,000 | 70,000,000 | 2017A Bond |
| Expenditures | 73,131,735 | 3,000,000 | State Grant |
| Net | 47,662,987 | 131,735 | Clinton Twp share of AEW invoice |
| | 25,468,748 | | |

4 SAW Grants

| | |
|--------------|-----------|
| Revenue | 887,228 |
| Expenditures | 1,425,422 |
| Net | (538,194) |

Sewage Metering(SRF 5487-01)

| | |
|--------------|-----------|
| Revenue | 1,158,091 |
| Expenditures | 1,022,477 |
| Net | 135,614 |

Corrosion Control(Project on Hold)

| | |
|--------------|-----------|
| Revenue | |
| Expenditures | 120,024 |
| Net | (120,024) |

** Preliminary number because June 30 expenses are still coming in.