

SIXTH SEMI-ANNUAL REPORT
(PERIOD: JANUARY 1, 2019 TO JUNE 30, 2019)

AND

THIRTEENTH QUARTERLY REPORT
(PERIOD: APRIL 1, 2019 TO JUNE 30, 2019)

PARTIAL CONSENT DECREE CASE NO. 4:16-CV-00018
CITY OF GREENVILLE, MS

SUBMITTED TO:

U.S. Environmental Protection Agency, Region 4
Clean Water Enforcement Branch
61 Forsythe Street, S.W.
Atlanta, GA 30303-8960



July 17, 2019



W.L.BURLE

ENGINEERS, P.A.

111 S. WALNUT STREET • P.O. BOX 1293 • GREENVILLE, MS 38702-1293

662.332.2619 • FAX 662.332.2622 • WWW.WLBURLE.COM

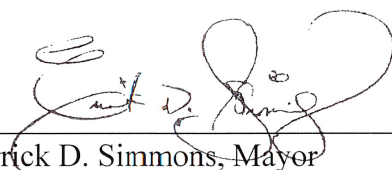
CERTIFICATION

Sixth Semi-Annual Report and Thirteenth Quarterly Report

Partial Consent Decree

City of Greenville, MS

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering such information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.



Errick D. Simmons, Mayor

7/17/19

Date

File Name: Fourth Semi-Annual Report

Dennis Sayre, EPA Region IV

Sara Janovitz, EPA Region IV

Jamon Rucker, MDEQ

Mayor Errick D. Simmons

TABLE OF CONTENTS

Certification

SECTION	DESCRIPTION
I	Overview of Partial Consent Decree
II	Actions Taken During Period
III	Summary of Actions Planned for 7 th Semi-Annual Period
IV	SSOs Reported During 13th Quarter
V	Other General Comments

FIGURES

1	Gantt Chart
---	-------------

APPENDICES

A	Wastewater Bypass Reports (13th Quarter)
B	Information Management System (IMS) Entries (13th Quarter)
C	City of Greenville Letter to MDEQ (May 29, 2019)
D	City of Greenville Letter Report to EPA (September 28, 2018)
E	AG Opinion Letter to City of Greenville (October 5, 2018)
F.	EPA Letter to the City of Greenville (March 20, 2019)

SECTION I

OVERVIEW OF PARTIAL CONSENT DECREE

On April 4, 2016, a Partial Consent Decree, issued by the United States of America on behalf of the United States Environmental Protection Agency (EPA) to the City of Greenville, Mississippi (CITY), became effective. The Partial Consent Decree (PCD) cited the CITY for violations to both their National Pollutant Discharge Elimination System (NPDES) Permit and the Clean Water Act (CWA) over a period of time from 2007 to 2012. The PCD also outlined assessment and corrective actions to be implemented by the CITY over a six (6) year period to bring the CITY's Group 1 & 2 Sanitary Sewer Systems into compliance (See Figure 1 – Gantt Chart).

- End of Section -

SECTION II

ACTIONS TAKEN DURING PERIOD

Prior to and during the Sixth Semi-Annual Period, the CITY performed the following actions:

1. Early Action Project (EAP) – The EAP is a project consisting of sewer improvements which were identified by EPA and agreed upon by the CITY early in the PCD process. These improvements are described in the PCD under Section VII Paragraph 19. The CITY retained W. L. Burle Engineers, P.A. (BURLE) of Greenville, MS, for the project.

A description of the various projects under the EAP and the status of each is listed below:

- a. EAP Contract No. 1 – Trailer Mounted By-Pass Pumps – The CITY bid this phase of work in June/July 2015, ~9 months prior to the effective date (April 4, 2016) of the PCD. The contract was awarded to Hydra Services, Inc. of Pelahatchie, MS. The project cost was \$218,601.00. Hydra Services delivered the by-pass pumps to the CITY and satisfied the terms of the contract on November 17, 2015.
- b. EAP Contract 2 – Quick Disconnect (QD) Piping, Hoses and Fittings – The CITY also bid this phase of work in June/July 2015, ~ 9 months prior to the effective date of the PCD. The contract was awarded to Hydra Services. The project cost was \$66,223.00. Hydra Services delivered the QD piping, hoses and fittings to the CITY and satisfied the terms of the contract by November 17, 2015.
- c. EAP Contract 3 – Pump Station Auxiliary Power Units – The project consisted of the installation of natural gas-fired, auxiliary power units at the CITY's five (5) major pump stations: Hancock, Mary, Daniel, Tennessee Gas and South Theobald. The CITY bid this phase of work in September/October 2015, ~7 months prior to the effective date of the PCD. The contract was awarded to Scott Electric Company of Greenville, MS. The project cost was \$976,637.68. Scott Electric installed the power units and satisfied the terms of the contract by June 28, 2016.

- d. EAP Contract 4A – Wastewater Treatment Plant (WWTP) Ultra Violet (UV) Disinfection System Project – The project consisted of the installation of a new UV disinfection system. The CITY bid this phase of work in May/June 2016. The CITY awarded the contract to Hemphill Construction Company (HEMPHILL) of Florence, MS. The project cost was \$1,693,701.00. The project was completed on April 16, 2017.
- e. EAP Contract 4B – WWTP Process Piping Project – The project consists of the replacement of a 54" pipeline from the WWTP aeration basin to the clarifier distribution box and other miscellaneous piping. The CITY bid this project in April/May 2017. The CITY awarded the contract to HEMPHILL. The construction cost was \$1,199,720.00. The contractual completion date was January 6, 2018.
- f. EAP Contract 5 – Pump Station Improvement Project – The project consists of the installation of seventy-eight (78) Supervisory Control and Data Acquisition (SCADA) systems, ninety-one (91) flow meters, thirty-seven (37) force main by-pass ports and associated appurtenances. The CITY bid the project in April/May 2017. The CITY awarded the contract to Avis Construction Company (AVIS) of Greenville, MS. The construction cost was \$1,783,378.60. The contractual completion date was June 21, 2018.
- g. EAP Contract 6 – WWTP Electrical Sub-Station Improvements – The project consisted of the re-building of the WWTP's electrical sub-station. This project was not a part of the PCD EAP but was added to the CITY's EAP MDEQ/State Revolving Fund (SRF) loan in order to expedite construction. The CITY bid this phase of work in May/June 2016. The CITY awarded the contract to McInnis Electric of Byram, MS. The construction cost was \$752,806.00. The project was completed on May 31, 2017.
- h. EAP Contract 7 – Pump Station Wet-Well Rehabilitation Project – The project consists of the assessment, cleaning and rehabilitation of two (2) of the CITY's major pumping station wet wells, Hancock (PS 5) and South Theobald (PS 17). This project was not a part of the PCD EAP, however, as with EAP Contract 6, it was added to the MDEQ SRF loan to expedite construction. The CITY bid the project in April/May 2017. The CITY awarded the project to HEMPHILL. The construction cost was \$402,710.70. The contractual completion date was January 6, 2018.

With the completion of EAP Contract 5, the EAP has been completed. The project was completed approximately 1.5 years ahead of the January 4, 2020, deadline stipulated in the PCD.

2. Sanitary Sewer Evaluation Study (SSES) Projects – The SSES projects consist of sanitary sewer assessment activities. They consist primarily of gravity sewer video, smoke testing and manhole inspection services but also include force main assessment and pump station inspection activities. These activities are described in the PCD under Section VII Paragraph 20.

Given the PCD's ambitious schedule, the CITY elected to implement SSES work in advance of EPA's formal approval of the SSER Work Plan. The CITY retained BURLE as the engineer for the projects. Descriptions of the various SSES projects and the status of each are listed below:

- a. SSES 1 – SSES 1 was a SSES for three (3) Group 1 residential sub-divisions: West Terrace Gardens, McIntyre and Nelson. The CITY bid this project in January/February 2015, ~1.2 years prior to the effective date of the PCD. The CITY awarded the contract to SunCoast Infrastructure (SUNCOAST) of Florence, MS. The project consisted of video/smoke testing of 16,076 l.f. of gravity sewer and the inspection 62 manholes. The work was completed in August 2015 at a cost of \$72,760.50.
- b. SSES 2 – SSES 2 was a SSES project for three (3), Group 1 residential/industrial areas: Belmont, Broadway Place and North Broadway Industrial District (NBID). The project consisted of the video/smoke testing of 26,860 l.f. of gravity sewer and the inspection of 105 manholes. The CITY bid the project in January 2016, ~2 months prior to the effective date of the PCD. The CITY awarded the project to Gulf Coast Underground (GCU) of Mobile, AL. The work was substantially completed in June 2017. In August 2017, a change order (Change Order No. 1) was executed under this contract to clean the pump station wet wells at Broadway/Sampson (PS 2), Townsend/Sampson (PS 3) and Wildwood Road (PS 41) and extended the completion date to December 15, 2017. The work was completed prior to the completion date. The project cost was \$114,845.90.
- c. SSES 3 – SSES 3 was a SSES project for the remaining Group 1 Mini-System gravity sewers. The project consisted of the video/smoke testing of 400,650 l.f. of gravity sewer and the inspection of 1,339 manholes. The CITY bid the project in April/May 2016. The CITY awarded the project to GCU. The

project's completion date was May 14, 2018; the CITY is still awaiting all final deliverables. The project cost was \$1,741,450.25.

- d. SSES 4 – SSES 4 was a SSES project for all of the Group 2 Mini-System gravity sewers. The project consisted of the video/smoke testing of 290,640 l.f. of gravity sewer and the inspection of 935 manholes. The CITY bid the project in August/September 2016. The CITY awarded the project to SUNCOAST. The project's completion date was May 29, 2018; the CITY is still awaiting all final deliverables. The project cost was \$1,618,184.00.
- e. SSES 5 – The CITY initiated an early SSES 5 contract for the Hancock Pump Station (MS2/PS5) force main. The CITY hired Pure Technologies, Ltd. (PURE) of Atlanta, GA, to assess the 2.45 mile long force main using a SmartBall™ device. The assessment was performed in December 2016 and the inspection report was submitted to the CITY on February 8, 2017. In summary, the assessment found that the force main was not leaking; however, it found a total of 28 gas pockets along the run.

The remaining SSES 5 project, which consists of Group 1 pump station/force main assessment activities, was scheduled after the force main by-pass ports were installed under EAP Contract 5 (See Section II.1.f of REPORT). The bid date was December 20, 2017. The low bidder was GCU. The CITY executed a contract with GCU and set a contractual completion date of October 13, 2018. The original project cost was \$387,080.

During the June 19, 2018, council meeting, BURLE met with the CITY and discussed the poor condition of the Group 3 Pump Station 39 and the associated gravity sewers located in the north half of Group 3 Mini-System (MS) 9B; BURLE recommended that both PS 39 and the north half of MS 9B be reclassified as Group 1. The CITY voted to not only reclassify the subject sewer as Group 1 but also to add the associated SSES activities to the SSES 5 contract. The CITY executed Change Order No. 1 with GCU to address this additional assessment work; the cost was \$69,776.50. This brought the total cost for SSES 5 to \$456,856.50. Additional time (30 days) was added to GCU's contract, bringing the anticipated completion date to November 13, 2018.

SSES 5 and Change Order No. 1 were completed on October 5, 2018. With the completion of the project, the CITY completed all of the SSES activities for the amended Group 1 sewer system.

- f. SSES 6 – The CITY retained BURLE to design the SSES 6 Project, which consists of Group 2 pump station/force main assessment activities. The project was submitted to MDEQ for review/approval in April 2019. After receiving MDEQ approval, the CITY bid the project in June 2019. GCU submitted the low bid of \$306,268.75. The CITY awarded the contract to GCU during the July 2, 2019 Council meeting. The anticipated completion date is January 11, 2020.
- g. SSES 7 – The SSES 7 project, which consists of Group 3 sanitary sewer assessment activities, began during the 3rd Quarter of 2018. The work is being performed as described in the SSER Work Plan.

In summary, with the award of the SSES 1, 2, 3, 4, 5 and 6 contracts, the CITY has now retained companies to assess all of the Group 1 & 2 gravity sewer systems, pump stations and force mains stipulated in the PCD. The remaining assessment project, SSES 7, will evaluate the Group 3 mini-systems such that an opinion of the systems' conditions can be furnished to EPA by the December 31, 2019, delivery date.

- 3. Mini-System Evaluation Reports/Rehabilitation Plans (GROUP REHAB) – The GROUP 1 and 2 REHAB Projects are discussed under PCD Section VII Paragraph 21 and consist of Group 1 Mini-System Rehabilitation Projects which were identified during SSES 1/SSES 2/SSES 3/SSES 5 and Group 2 Mini-System rehabilitation projects which were identified during SSES 4/SSES 6.

The original PCD deadline for the Group 1 REHAB Report was December 31, 2018. With the addition of the Group 3 pump station (PS 39) and the associated Group 3 gravity system (MS9b) to the Group 1 SSES 5 project (See Section II 2(e) of REPORT), the CITY required additional time to accommodate the additional assessment/evaluation work. Given the situation, the CITY, in the Fourth Semi-Annual Report, requested an additional six (6) months to prepare the Group 1 REHAB Report; this request moved the deadline to June 30, 2019. During the EPA/CITY conference call on March 1, 2019 (See Section V.1 of REPORT), the CITY requested additional time; EPA approved the request and moved the deadline to July 31, 2019. The Gantt Chart has been amended to reflect this change.

Prior to the completion of the SSES projects and the Group 1 REHAB Report, the CITY had already identified six (6) construction projects needing immediate attention. These projects address work located city wide (Groups 1, 2 and 3). These projects are listed below:

- a. Contract No. 1 Hancock Pump Station Force Main Project – The existing 16" diameter cast iron force main is in poor condition (See Section II.2.e of REPORT); its deteriorating condition has directly or indirectly caused 29.9% of the CITY's reported SSO's since the signing of the PCD on April 4, 2016.

Given the situation, the CITY retained BURLE to design the force main improvement project. The proposed project will consist of the construction of a new 2.45 mile long, 18" force main. Due to conflicting underground utilities and above ground improvements, a trenchless technology (static pipe bursting) will be used to install the 18" force main within the existing 16" force main. Air relief valves will be installed at critical high points along the run. Also, two (2) railroad crossings are planned.

BURLE prepared and submitted plans/specifications to MDEQ for review/approval on March 28, 2019. MDEQ issued an approval letter in April 2019. The CITY is currently advertising the project and will receive bids on July 25, 2019.

- b. WWTP Improvement Project – A WWTP Improvement Project has been developed. The project's scope, cost and schedule were itemized in an engineering report (Facility Plan No. 2) and delivered to the CITY on April 13, 2018. The following is a breakdown of the proposed improvements:

- 1) Contract No. 2 WWTP Grit Chamber Rehabilitation Project – The existing WWTP grit chamber is not removing the grit and sand as originally designed. The project will involve rebuilding the grit chamber which is original to the WWTP. It also includes removing the sand/grit which has collected in the aeration basin, clarifiers and UV chamber during the 2019 flood event (See Section V.2 of REPORT).

The CITY retained BURLE to design the project. BURLE designed the project and submitted the plans and specifications to MDEQ for review/approval in June 2019. Upon receiving MDEQ approval, the CITY will bid the project in August 2019.

- 2) Aeration Basin Valve Replacement Project – All inoperable valves located along the north side of the aeration basin should be replaced with new pinch valves. This project has been placed on hold due to the CITY's debt concerns (see Section VI.3 of REPORT).

3) Influent Pump Station Project – The existing influent pump station should be re-built. The work will involve:

- Installing an emergency standby, motor-driven pump;
- Replacing an inoperable shaft-driven pump with a dry pit, submersible unit; and
- Installing a Variable Frequency Drive (VFD) control panel for the new, dry pit submersible pump.

This project has also been placed on hold due to the CITY's debt concerns. (Section VI.3 of REPORT).

4) Effluent Pump Station Project – The existing effluent pump station should also be re-built. The work would involve:

- Replacing two (2) of the existing pumps;
- Installing three (3) Variable Frequency Drive controls for the effluent pumps; and
- Installing an emergency, standby, motor-driven pump.

This project has also been placed on hold due to the CITY's debt concerns.

5) Return Activated Sludge (RAS) Pump Project – One of the three RAS pumps is inoperable and needs to be replaced. This project has also been placed on hold due to the CITY's debt concerns.

6) Contract No. 4 Sludge Removal & Disposal – The sludge in Sludge Lagoon No. 2 needs to be removed and transported to either a Sub-Title D landfill or land application site for final disposal. During the June 18, 2019 Council meeting, the CITY approved the design work for this project. The anticipated project cost is \$909,216.

c. Contract No. 3 Pump Station Improvements – Improvements are needed for ten (10) pump stations: Daniel Street (PS 40), Carrie Stern (PS 10), Essex/Oxford Street (PS 46), May Street (PS 66), Mary Street (PS 34), Vessels of Mercy (PS 67), Nottingham Apartments (PS 57), Naples Street (PS 58), Union Street (PS 55) and Gamwyn (PS 39). The improvements range from new dry pit piping systems to complete reconstruction of wet and/or dry

pit systems. The project also includes the installation of surge arrestors for the five (5) generators installed under EAP Contract No. 3 (See Section II.l.c. of REPORT). During the June 18, 2019 Council meeting, the CITY approved the design work for this project. The anticipated project cost is \$1,967,299.

- d. Contract No. 5 Group 1 Sanitary Sewer Rehabilitation Project – Rehabilitation work is needed for the West Terrace Gardens sub-division (MS 12) and MS 27. The work will involve force main replacement for the Wildwood station (PS 41), pipe bursting of gravity sewer along South Main Street and complete reconstruction of the gravity sewer for MS 12. During the June 18, 2019 Council meeting, the CITY approved the design work for the project. The anticipated project cost is \$1,730,269.
4. On-Going Operation and Maintenance (O&M) Projects – The following projects are on-going sanitary sewer O&M projects which address deficiencies with the sanitary sewer system but fall outside the PCD schedule:
- a. 2016 Emergency Manhole Repair Project – During the 2016 spring flood event, the CITY retained BURLE to inventory damaged manholes. Most of the damaged manholes were in low-lying areas near open ditches or agricultural fields and were, therefore, susceptible to inflow. The damage consisted of broken manhole lid seals, misaligned lids/sections and/or inaccessibility (manholes covered with asphalt pavement).

The CITY awarded an initial emergency manhole repair contract to AVIS in March 2016. In June 2016, the CITY awarded a six month construction contract to Mixon Construction Company (MIXON) of Greenville, MS, to repair the balance of the damaged manholes. Since then, the construction contracts were bid every six months and, to date, have all been awarded to MIXON.

Through the end of this reporting period, a total of 822 manholes have either been repaired or are scheduled for repairs. These manholes are located throughout the CITY (Group 1 (417 manholes), Group 2 (231 manholes) and Group 3 (174 manholes)).

- b. Broadway Street Emergency Manhole Repair Project – During the 2018 spring flood event, two (2) manholes located in the Broadway Street/Alexander Street intersection failed and settled approximately two (2) feet. The CITY declared the failure an emergency and began seeking a MDEQ

Emergency SRF Loan to pay for the repair. BURLE prepared construction plans and specifications for the repair and submitted them to both the Mississippi Department of Transportation (MDOT) and MDEQ for review. Upon receiving MDOT and MDEQ approvals, the CITY bid the project and, on June 22, 2018, received a low bid of \$850,700.00 from Don M. Barron Contractor, Inc. (BARRON) of Farmerville, LA. The CITY awarded the project to BARRON and on July 19, 2018, executed the contract. The project was completed on November 19, 2018.

- c. Caldwell Street Emergency Manhole Repair Project – Also during the 2018 flood event, one (1) manhole located in Caldwell Street settled approximately one (1) foot. The CITY declared the failure an emergency and began seeking a second MDEQ Emergency SRF Loan for the repair. Two (2) other sewer failures, a liner failure within the gravity sewer along Union Street and a point repair along Sissons Street, were also identified, declared emergencies and added to the Caldwell project. BURLE prepared construction plans and specifications for all three repairs. After receiving MDEQ approval, the CITY bid the project and, on August 30, 2018, received a low bid of \$276,877 from Mitchell Contracting, Inc. (MITCHELL) of Madisonville, LA. The CITY awarded the project to MITCHELL and executed a contract with MITCHELL on September 24, 2018. MITCHELL's work continued until the Mississippi River rose and caused the groundwater table to also rise and hamper construction. On February 15, 2019, the CITY issued a stop work order to MITCHELL due to the flood event. With the continued flooding of the Mississippi River, the stop work order is still in effect and will only be lifted when the Mississippi River falls below a gage reading of 36 feet at the Greenville gage which is not forecast to occur until August 2019.
- d. Emergency Pump Station Rehabilitation Projects – Upon execution of Clearwater Solutions, LLC (CLEARWATER) public works contract with the CITY, CLEARWATER inspected the CITY's pump stations and identified pump deficiencies needing immediate attention. These pump stations are listed below:
 - 1) South Theobald Street (PS 17)
 - 2) East Alexander Street (PS 23)
 - 3) Carrie Stern School (PS 10)
 - 4) Percy Street (PS 7)
 - 5) South Beauchamp Avenue (PS 27)
 - 6) Mary Street (PS 34)

- 7) Daniel Street (PS 40)
- 8) Annie Stokes Road (PS 49)
- 9) VFW Road (PS 67)
- 10) Nottingham Apartments (PS 57)
- 11) Grenada Farms (PS 8)

During the February 21, 2017, council meeting, CLEARWATER brought the situation to the attention of the CITY. The CITY declared the situation an emergency and authorized the procurement of emergency funds (up to \$700,000.00) to finance the work.

Funds have been obtained and the work is on-going. The anticipated completion date should occur during the 3rd Quarter of 2019.

- e. WWTP Secondary Clarifier Repair Project – On August 19, 2016, one of the WWTP’s secondary clarifiers (Clarifier No. 3) experienced a mechanical failure. An inspection of the clarifier revealed that a torque limiter switch failed to initialize after the algae sweep arm hung on the V-notched weir. This allowed the rake arm to continue its sweep, causing the arm to bend/deform to the point that the motor overload switch engaged and shut down the motor.

The CITY retained Industrial Services, Inc. (ISI) of Greenville, MS to make the repair. The CITY filed an insurance claim, purchased the replacement parts (~\$168,600.00) and provided them to ISI for installation. The system was repaired and back in operation in May 2017.

During the repair, the three remaining clarifiers met demand and remained operational.

- f. Private Utilities Point Repair Project - The CITY has identified numerous point repairs during the SSEs 1/2/3/4/5. Many of these were caused by private utility companies (Atmos, Entergy, Inline, etc.) horizontally drilling through the sanitary sewer system as they were installing their underground utilities. As these breaches are discovered, the CITY contacts MS One Call and requests a utility locate; this allows the CITY to identify the utility responsible for the damage. The CITY then meets with the responsible private utility company, presents the video which shows the damage and works with the utility to both repair the sewer and reinstall the utility above or below the CITY’s sewer system.

As of June 30, 2019, the CITY has identified thirty-six (36) damaged sewer point repairs and the utility companies have repaired fifteen (15) of them.

- g. Private Lateral Repair Project – SSEs 1/2/3/4/5 have also documented damaged sewer laterals. As of June 30, 2019, a total of 1,251 damaged sewer laterals have been identified. When damaged laterals are encountered on CITY/STATE owned properties, the CITY authorizes MIXON, under a six (6) month contract, to make the repairs. If the lateral serves a vacant lot, MIXON plugs the lateral within the right-of-way/easement. If the lateral serves a building which is still habitable, the lateral is simply repaired.

As of June 30, 2019, a total of fourteen (14) sewer laterals have been repaired/plugged in this manner.

- h. Community Development Block Grant (CDBG) Sanitary Sewer Improvements Project – The CITY applied for and received a CDBG grant (50% grant/50% match) for sewer improvements south of Phelps Street in mini-systems MS4A and MS8. The improvements consisted of CIPP work, point repairs and rehabilitation work for the Percy (PS7) and South Theobald (PS17) pump stations. The CITY retained Hooker Engineering (HOOKER) of Greenville, MS, as the project engineer. The CITY bid the project and awarded it to AVIS. The project cost is \$1,029,724. The project is on-going.
- i. 2019 Emergency Manhole Repair Project – The 2019 spring flood event for the Mississippi River continues to set records for the longest duration event at the Greenville gage. As of the end of this reporting period (June 30, 2019), the Mississippi River has remained above flood stage in Greenville (48' gage reading (122.92' mean sea level (MSL))) since February 18, 2019 (133 days). It is forecasted to fall below flood stage on July 23, 2019.

The high river stage has caused the groundwater table to also rise. This prolonged situation and its resulting impact on the sanitary sewer system have caused numerous manhole and gravity sewer failures throughout the CITY.

The CITY has retained BURLE to inventory the damage and associated repair cost for the CITY's report to the Federal Emergency Management Agency (FEMA) which is due August 15, 2019. The repair work will be scheduled as soon as the Mississippi River falls below a maximum gage reading of 36' (110.92' MSL) at the Greenville gage.

5. Capacity, Management, Operations and Maintenance (CMOM) Program – The CMOM Program consists of various programs related to the O&M of the sanitary sewer system. These programs, which are currently in various stages of development, are described below:
 - a. Sewer Overflow Response Plan (SORP) and Emergency Response Plan (ERP) – The SORP and ERP are described in PCD under Section VII Paragraph 23a and 23a (5), respectively. The CITY retained BURLE to prepare both documents. The documents received an informal review by EPA prior to the stipulated thirty (30) day public comment period (PCD Section VI Paragraph 9). Two (2) public hearings were held; there were no comments. The documents were then formally submitted to EPA on February 10, 2017. EPA approved both documents in correspondence dated August 22, 2017.
 - b. Fats, Oils and Grease (FOG) Control Program – The CITY retained BURLE to prepare a FOG Control Program pursuant to PCD Section VII Paragraph 23.g. The document received an informal review by EPA prior to the stipulated thirty (30) day public comment period (PCD Section VI Paragraph 9). Two (2) public hearings were held; there were no comments. The document was then formally submitted to EPA on June 1, 2017. After reviewing the EPA comment letter dated August 22, 2017, the CITY amended the FOG Control Program and resubmitted it to EPA on December 19, 2017. EPA approved the amended version in correspondence dated January 9, 2018.

During the 3rd Quarter of 2018, the CITY voted to manage the FOG Control Program through the Fire Department instead of the Planning Department. EPA was informed of the change. The FOG Control Program was amended to both reflect this change and to add a training section (Revision No. 3). It was submitted to EPA on October 16, 2018, for review/approval.

With the completion of the CITY's Legal Support Program (See Section II.5.e of REPORT) in April 2019, the CITY began full implementation of the FOG Control Program. Training and certification sessions are being conducted by the CITY twice per month; the CITY's goal is to have all food service establishments and grease hauler personnel trained/certified by June 2020. Permitting operations are being conducted during the interim. To address the CITY's FOG public education program, the CITY has both mailed FOG Control Program fliers out with the 2018 Drinking Water Quality Report to all utility customers during the 2nd Quarter of 2019 and conducted a third FOG public hearing on May 28, 2019.

- c. Pump Station Operations and Preventive Maintenance Program (PSOPMP) – The CITY retained BURLE to prepare a PSOPMP. BURLE compiled an inventory and specification sheet for all of the CITY’s pump stations. Each station was described by location, type, pumping units, controls and size. The draft program was submitted to EPA on December 20, 2017. After reviewing EPA’s comment letter dated April 11, 2018, BURLE amended the PSOPMP and resubmitted the amended version to EPA on June 15, 2018. EPA requested clarification on the processes used by the CITY to manage their critical spare parts/equipment inventories. BURLE again amended the PSOPMP to address these issues and submitted same to EPA on August 31, 2018 for review/approval. EPA approved the document on September 6, 2018.
- d. Information Management System (IMS) Program – The CITY originally retained CLEARWATER to prepare the IMS Program, however, when the CITY terminated CLEARWATER’s contract on March 15, 2019 (See Section V.4 of REPORT), the CITY retained BURLE to finish the IMS Program. BURLE submitted the IMS Program to EPA by the April 4, 2019 deadline. The CITY and BURLE are currently reviewing EPA’s comment letter dated May 7, 2019. The CITY’s response will also include an update on the CITY’s purchase of a new IMS software program, iWorQ (www.iworq.net), and the anticipated transition schedule.
- e. Legal Support Program – The CITY’s Legal Support Program includes:
 - 1) An amended sewer ordinance;
 - 2) A Grease Control Legal Support Program;
 - 3) An enforcement response guide; and
 - 4) A Private Lateral Legal Support Program.

Early in the process, the CITY recognized the need for state legislation to authorize and empower them to enforce the CITY’s sewer ordinance to their sewer customers located outside the CITY’s corporate limits. The CITY worked with the MS legislature to draft Senate Bill 3059 which gave the CITY the needed authority. The bill was passed during the 2018 legislative session and is now enforce.

The CITY prepared the Legal Support Program and submitted it to both EPA and MDEQ by the revised, April 15, 2019 deadline. EPA and MDEQ are currently reviewing the program.

- f. Sewer Mapping Program – The CITY retained CLEARWATER to develop the Sewer Mapping Program. BURLE provided field services, as needed. CLEARWATER submitted the Sewer Mapping Program to EPA on October 1, 2018. BURLE amended the document based on EPA’s comments. On April 23, 2019, the CITY received EPA-approval for the March 14, 2019, version of the Sewer Mapping Program.
- g. Corrosion Control Program (CCP) – The CITY retained BURLE to prepare a CCP. BURLE submitted the CCP to EPA on September 6, 2017. After reviewing EPA’s comment letter dated October 31, 2017, BURLE amended the CCP and re-submitted the amended version to EPA on December 28, 2017. EPA approved the amended version in correspondence dated January 23, 2018.
- h. Gravity Sewer System Operations and Maintenance Program (GSSOMP) – The CITY retained BURLE to prepare a GSSOMP. BURLE submitted the document to EPA on March 12, 2018. The CITY received EPA’s comment letter on June 25, 2018. BURLE prepared Revision No. 1 and submitted it to EPA on September 10, 2018. After reviewing EPA’s comments, BURLE prepared Revision No. 2 (dated January 11, 2019) and submitted same to EPA prior to the January 15, 2019, deadline. EPA approved Revision No. 2 in correspondence dated February 6, 2019.
- i. Financial and Cost Analysis Program (FCAP) – The CITY has prepared the FCAP. Prior to its submittal to EPA and MDEQ by the June 30, 2019 deadline, it was publicly advertised for 30 days and comments were received for an additional 15 days. EPA and MDEQ are currently reviewing the document.

A summary table (Table 2.1) of the status of each PCD task is referenced on the following page. Actual and contractual completion dates are shown as well as projected completion dates for those tasks which have not yet been initiated. The corresponding PCD deadlines are shown for comparison purposes.

- End of Section -

TABLE 2.1 SUMMARY OF PCD TASKS TO DATE

PROJECT/TITLE	DESIGN/DEVELOPMENT PHASE	EPA AND/OR MDEQ APPROVAL	BID PHASE	IMPLEMENTATION PHASE	COMPLETION DATE	PARTIAL CONSENT DECREE DEADLINE	PCD COMPLIANT
EAP/Contract 1 – Trailer Mounted By-Pass Pumps Project	X	X	X	X	11/17/15	12/31/19	✓
EAP/Contract 2 – QD Piping, Hoses & Fittings Project	X	X	X	X	11/17/15	12/31/19	✓
EAP/Contract 3 – Pump Station Auxiliary Power Units Project	X	X	X	X	06/28/16	12/31/19	✓
EAP/Contract 4A – WWTP UV Disinfection System Project	X	X	X	X	04/16/17	12/31/19	✓
EAP/Contract 4B – WWTP Process Piping Project	X	X	X	X	01/06/18	12/31/19	✓
EAP/Contract 5 – Pump Station Improvements Project	X	X	X	X	06/20/18	12/31/19	✓
EAP/Contract 6 – WWTP Electrical Substation Project	X	X	X	X	05/31/17	06/30/21	✓
EAP/Contract 7 – Pump Station Wet Well Rehab Project	X	X	X	X	01/07/18	06/30/21	✓
SSER Work Plan	X	X	---	X	01/22/16	12/31/17	✓
SSES 1 – Group 1 (W. Terrace/Nelson/McIntyre)	X	N/A	X	X	08/01/15	09/30/18	✓
SSES 2 – Group 1 (Belmont/Broadway Place/NBID)	X	N/A	X	X	02/15/17	09/30/18	✓
SSES 3 – Group 1 Mini-Systems (Gravity)	X	N/A	X	X	05/14/18	09/30/18	✓
SSES 4 – Group 2 Mini-Systems (Gravity)	X	N/A	X	X	05/29/18	03/31/20	✓
SSES 5 – Hancock Pump Station Force Main	X	N/A	X	X	02/08/17	09/30/18	✓
SSES 5 – Group 1 Mini-System Pump Stations/FM's	X	N/A	X	X	11/13/18	09/30/18	✓
SSES 6 – Group 2 Mini-System Pump Stations/FM's	X	X	X		03/31/20**	03/31/20	
SSES 7 – Group 3 Mini-Systems	X				12/31/19**	12/31/19	
CMOM/SORP	X	X	---	X	02/10/17	03/31/17	✓
CMOM/ERP	X	X	---	X	02/10/17	03/31/17	✓
CMOM/IMS Program	X		---		04/04/19	04/04/19	✓
CMOM/Sewer Mapping	X	X	---	X	10/1/18	10/1/18	✓
CMOM/PSOPMP	X	X	---	X	12/20/17	12/31/17	✓
CMOM/Corrosion Control	X	X	---	X	09/06/17	09/30/17	✓
CMOM/FOG Control Program	X	X	---	X	06/01/17	06/30/17	✓
CMOM/GSSOMP	X	X	---	X	03/12/18	03/31/18	✓
Financial & Cost Analysis Program	X		---		06/27/19	06/30/19	✓
Legal Support Program	X		---		04/15/19	04/15/19	✓
O&M Project/Broadway & Alexander Emergency MH Repair	X	X	X	X	11/19/18	N/A	N/A
O&M Project/Caldwell Emergency MH Repair	X	X	X	X	Unknown***	N/A	N/A
O&M Project/Emergency MH Repair Project	X	---	X	X	OPEN	N/A	N/A
O&M Project/Emergency Pump Station Rehabilitation Project	X	---	X	X	09/30/19**	N/A	N/A
O&M Project/WWTP Secondary Clarifier Repair Project	X	---	---	X	05/15/17	N/A	N/A
O&M Project/2019 Emergency MH Repair Project	X	---			06/30/20**	N/A	N/A
O&M Project/Private Utilities Point Repair Project	X	---	N/A		06/30/21**	N/A	N/A
O&M Project/Private Lateral Repair Project	X	---	X		06/30/21**	N/A	N/A
O&M Project CDBG Sewer Improvements Project	X	X	X		Unknown***	N/A	N/A
GROUP 1 REHAB/Virden S/D Improvement Project	X	X	X		06/01/16	06/30/21	✓
GROUP 1 REHAB/Hancock Pump Station FM Project	X	X	X		06/30/21**	06/30/21	
GROUP 1 REHAB/WWTP Grit Chamber Project	X	X	X		06/30/21**	06/30/21	
GROUP 1 REHAB/WWTP Sludge Disposal Project	X				06/30/21**	06/30/21	
GROUP 1 REHAB/Sanitary Sewer Rehab Project	X				06/30/21**	06/30/21	
GROUPS 1/2/3/Pump Station Improvements Project	X				06/30/21**	06/30/21	

* Contractual Completion Date

** Projected Completion Date

*** Stop Work Order Issued due to 2019 Flood Event

SECTION III

SUMMARY OF ACTIONS PLANNED FOR 7TH SEMI-ANNUAL PERIOD

Over the upcoming seventh semi-annual period (July 1, 2019 to December 31, 2019), the CITY will continue its efforts with regards to the on-going programs/projects listed in Section II.

Also, during the period, the following are programs will either be submitted to EPA and/or implemented:

1. CMOM/GSSOMP (implemented)
2. CMOM/FOG Control Program (implemented)
3. CMOM/PSOPMP (implemented)
4. CMOM Sewer Mapping Program (implemented)
5. CMOM/IMS (submitted to EPA)
6. Legal Support Program (awaiting EPA approval)
7. GROUP 1 REHAB/WWTP Grit Chamber Project (Bid and Construction Phases)
8. GROUP 1 REHAB/Hancock Pump Station Force Main Project (Bid and Construction Phases)
9. Financing & Cost Analysis Program (awaiting EPA approval)
10. SSES 6 (Construction Phase)
11. SSES 7 (submitted to EPA)
12. Group 1 REHAB Report (submitted to EPA)

The following are programs/projects which will be finalized during the period:

1. CMOM/IMS
2. SSES 7

- End of Section -

SECTION IV

SANITARY SEWER OVERFLOWS REPORTED DURING 13TH QUARTER

The sewer calls and SSO reports for the 13th Quarter of the PCD are referenced in Appendices A and B of this REPORT, respectively.

In summary, there were six (6) reported SSOs during the period. They are summarized below:

- | | | |
|----|---------|--|
| 1. | 4/5/19 | Manhole/Intersection of Primrose and Holly Lane |
| 2. | 4/5/19 | Manhole/Intersection of Wildwood and Gregory |
| 3. | 4/5/19 | Manhole/Intersection of South Colorado and All Saints Circle |
| 4. | 4/6/19 | Manhole/Intersection of TN Gas Road and Robinson Lane |
| 5. | 5/17/19 | Cleanout/825 Guerdon Road |
| 6. | 6/8/19 | Manhole/Wildwood |

- End of Section -

SECTION V

OTHER GENERAL COMMENTS

1. PCD Modification

On August 16, 2018, the CITY met with both EPA and DOJ in Atlanta, GA, to discuss the status of the PCD and the CITY's financial situation. A complete report of the CITY's situation was drafted in a letter report, dated September 28, 2018, and submitted to both agencies; the report is referenced in Appendix D.

In summary, the CITY described the following:

- a. Continuing Negative Changes in the CITY's Demographic Profile – The following negative changes were identified by the CITY:
 - declining population trends;
 - declining population demographics for younger citizens and the more highly educated/more affluent citizens;
 - declining employment/income numbers;
 - increasing poverty; and
 - suspending unfunded work under the PCD.
- b. Current Status of Completed and Ongoing System Repairs/Upgrades and Pending Deliverables – The status of the following PCD deliverables were discussed:
 - Assessments (Groups 1, 2 and 3);
 - CMOM Programs;
 - Rehabilitation Programs; and
 - O&M/Emergency Projects.
- c. Current Status of the CITY's Ability to Both Fund the Completion of Scheduled Deliverables and Resolve Unexpected Problems Throughout the System, As They Occur – The status of the CITY's financial health with regards to both PCD work and routine, on-going O&M activities were discussed. The CITY described the debt ceiling they must legally operate under and the expected PCD expense; based on the updated estimate, the PCD will place the CITY's debt obligation above, what they believe to be, their legal debt limit.
- d. Issues Regarding the CITY's Revenue Generating Authority – The following issues related to the CITY's revenue-generating authority were discussed:
 - Legal Issues – The CITY has asked the State of Mississippi Attorney General's (AG's) office for an official opinion regarding municipal debt ceilings. At the time of reporting, the CITY was awaiting a response (see Section VI.3 of REPORT).

- Additional Intervening Circumstances
 - Forfeited properties becoming state-owned properties and thus removed from CITY tax rolls.
 - The daunting task of trying to maintain/update a sanitary sewer system capable of serving in excess of 50,000 people with funds generated by only 30,000 citizens.
- e. Requested Relief – The CITY requested that the PCD be amended to suspend all remaining deliverables until final cost estimates are developed and submitted to EPA, DOJ and MDEQ for review/approval. The anticipated completion deadline for the Group 1 and Group 2 cost estimate is March 31, 2020.

EPA and DOJ reviewed the letter report and scheduled a conference call with all parties. On March 1, 2019, the CITY, DOJ, MDEQ and EPA held a conference call to discuss both the PCD and revisions to several deliverable deadlines. On March 20, 2019, EPA documented the details of the call in a letter to the CITY and requested both financial information to support the CITY's request for additional time and a written response to their letter by July 31, 2019; the EPA letter is in Appendix F.

The CITY is in the process of drafting its response and will deliver same by the July 31st deadline.

2. Status of WWTP

The WWTP has essentially been inoperable since May 21, 2019. The 2019 flood event has caused excessive infiltration and associated grit (i.e. gross solids) to enter the sewer and WWTP where, without a functioning grit chamber, the solids have collected in all of the chambers (i.e. aeration basin, clarifiers, disinfection chamber) thus rendering the plant inoperable. The only functioning equipment, besides the influent and effluent pump stations, are the aeration basin blowers/diffusers.

The CITY has implemented the following measure to address the problem:

- a. MDEQ Meeting/Notification – As per the CITY's NPDES permit requirements, on May 21, 2019, within 24 hours of learning of the situation, the CITY notified MDEQ. A meeting was held in Greenville on May 24, 2019, with Mr. Gary Rikard, Executive Director of MDEQ, to discuss the situation and the 2019 flood event. The CITY submitted a formal report to MDEQ on May 29, 2019 (See Appendix C).
- b. Staff Change – The CITY's new public works O & M contractor, Manchac Management Services of Baton Rouge, LA (MANCHAC), replaced the CITY's WWTP operator with one of their own Class IV Operators.

- c. WWTP Cleaning Project – The CITY approved the cleaning of the WWTP basins; however, with the high groundwater table caused by the prolonged and record-setting flood event, the basins, especially the clarifiers, could not be emptied for cleaning due to the risk of them literally floating out of the ground. The work has been postponed until the Mississippi River and groundwater table fall to acceptable levels.

The CITY has also authorized BURLE to include a system-wide cleaning pay item in Contract No. 2 WWTP Grit Chamber Rehabilitation Project (See Section II 3b(1) of REPORT); however, such work is not tentatively scheduled until the 4th Quarter of 2019 and only if both the Mississippi River and the groundwater table subside to levels which allow the cleaning activities to occur.

- 3. AG’s Official Opinion Regarding Municipality Debt Ceiling Issue – On September 24, 2018, the CITY submitted an official opinion request to the AG’s office regarding a number of questions related to the PCD and the CITY’s associated sewer assessment/ rehabilitation indebtedness. On October 5, 2018, the CITY received the AG’s formal opinion which is referenced in Appendix E.

In summary, the CITY’s questions and the AG’s responses are listed below:

- a. Debt Ceiling for Municipalities – The CITY asked the AG if the CITY may incur a higher percentage of total debt than twenty percent (20%) of the assessed value of all taxable property within the CITY according to the last completed assessment of taxation.

In their formal response, the AG stated that *“no municipality shall hereafter issue bonds secured by a pledge of its full faith and credit for the purposes authorized by law in an amount which, when added to the then outstanding bonded indebtedness of such municipality, shall exceed either (a) fifteen percent (15%) of the assessed value of the taxable property within such municipality, according to the last completed assessment for taxation, or (b) ten percent (10%) of the assessment upon which taxes were levied for its fiscal year ending September 30, 1984, whichever is greater. In computing such indebtedness, heretofore or hereafter issued, for school, water, sewerage systems, gas, and light and power purposes and for the construction of special improvements primarily chargeable to the property benefited, or for the purpose of paying the municipality’s proportion of any betterment program, a portion of which is primarily chargeable to the property benefitted. **However, in no case shall any municipality contract any indebtedness which, when added to all of the outstanding general obligation indebtedness, both bonded and floating, shall exceed either (a) twenty percent (20%) of the assessed value of all taxable assessment for taxation or (b) fifteen percent (15%) of the assessment upon, which taxes were levied for its fiscal year ending September 30, 1984, whichever is greater.”***

- b. Legal Liability/Responsibility of Elected Officials Who Vote for Debt in Excess of Ceiling – The CITY asked the AG what the legal liability/responsibility, if any, would face a mayor or council member who voted in the affirmative on a motion to borrow

an amount which, when added to all of the CITY's outstanding general obligation indebtedness, both bonded and floating, exceeds twenty percent (20%) of the value of the assessed taxable property in the CITY.

In their formal response, the AG stated, *"this office does not opine on matters of civil or criminal liability. For informational purposes only, we note that Miss. Code Ann. Section 25-1-45 reads:*

If any county, county district or municipal officer who has executed bond for the faithful performance of duty shall knowingly or willfully fail, neglect or refuse to perform any duty required of him by law or shall violate his official obligations in any respect, the president or, in the absence or disability or default of the president, the vice-president of the board of supervisors in case of a county or county district officer, and the mayor in the case of a municipal officer, or any person interested in either case shall cause suit to be brought to the bond of such officer for the recovery of the damages that may have been sustained thereby.

Additionally, Miss. Code Ann. Section 97-11-37 provides:

If any person, being sheriff, clerk of any count, constable, assessor, or collector of taxes, or holding any county office whatever, or mayor, marshal, or constable, or any other officer of any city, town, or village, shall knowingly or willfully fail, neglect, or refuse to perform any of the duties required of him by law, or shall fail or refuse to keep any record required to be kept by law, or shall secrete the same, or shall violate his duty in any respect, he shall, on conviction thereof, be fined not exceeding One Thousand Dollars (\$1,000.00), or be imprisoned in the county jail not exceeding six (6) months, or both."

- c. Chapter 9 Bankruptcy Issue – The CITY asked the AG if under Mississippi law, a municipality is specifically authorized to be a "debtor" in a Chapter 9 bankruptcy filing.

In response, the AG stated, *"the City of Greenville is not authorized to be a Chapter 9 debtor under current state law. In researching your question, we identified local and private legislation which authorized a community hospital to file for Chapter 9 relief. (S.B. 3186, Chap. 901, Local & Private Laws 2008 Regular Session). It appears that the City would need to seek similar authorization from the legislature in order to proceed with a Chapter 9 filing."*

On March 1, 2019, after learning from MDEQ that the state law governing the Water Pollution Control Revolving Loan Fund (WPCRLF) Program (Miss. Code Ann. Sections 49-17-81 through 49-17-89) contained language that exempts WPCRLF loans from a municipality's indebtedness ceiling computation, the AG's office amended their earlier opinion to recognize this provision.

- 4. CITY's Termination of CLEARWATER's Contract – On November 6, 2018, during an executive session of a regular council meeting, the CITY voted to issue a one hundred twenty

(120) day termination notice for convenience to CLEARWATER, as required under Article VII “Term, Termination and Default” of the service agreement.

During the notice period, the CITY and CLEARWATER continued but failed to negotiate terms agreeable to both parties. On March 15, 2019, the CITY formally terminated CLEARWATER’s contract. The CITY voted to manage the Public Works Department internally, with assistance provided by MANCHAC through a one (1) year O & M contract. The CITY also made the following appointments: Mr. Jermaine Thornton was appointed the CITY’s Public Works Director, and; Mr. Ronnie Washington was appointed the CITY’s Utility Director. MANCHAC assigned Mr. Justin Haydel as their Project Manager for the CITY’s account.

- End of Section -

FIGURES

FIGURE 1
GANTT CHART

APPENDICES

APPENDIX A

WASTEWATER BYPASS REPORTS (13TH QUARTER)

WASTEWATER BYPASS REPORT

TO THE MISSISSIPPI OFFICE OF POLLUTION CONTROL

- I. PERMITTEE NAME: CITY OF GREENVILLE, MISSISSIPPI
- II. PERMIT NUMBER: MS0020184
- III. BYPASS SOURCE (I.E. MANHOLE, PUMP STATION, ETC.): Manhole
- IV. SOURCE LOCATION (I.E. STREET, ETC.): Primrose and Holly Lane
- V. DATE/TIME BYPASS BEGAN: 4/5/2019
- VI. DATE/TIME BYPASS ENDED: 4/9/2019
- VII. VOLUME OF WASTEWATER BYPASSED (ESTIMATE IF NECESSARY) 750 gals.
- VIII. STATE WATERS EFFECTED (I.E. RIVER, STREAM, LAKE, ETC.) NONE
- IX. CAUSE OF BYPASS: rainfall
- X. TEMPORARY CORRECTIVE ACTIONS TAKEN: possible bypass pump
- XI. PERMANENT CORRECTIVE ACTIONS: _____
- XII. NUMBER OF BYPASSES AT THIS LOCATION IN THE PAST 12 MONTHS: 1
- XIII. WHAT ACTIONS WERE TAKEN TO PREVENT OR MINIMIZE ADVERSE ENVIRONMENTAL
IMPACT? ___
- XIV. IF BYPASS CAUSED DUE TO INFLOW OF RAINFALL, HOW MANY INCHES OF RAIN FELL IN THE
AREA? 4 inches

SIGNATURE: Ronnie Washington

TITLE: Deputy Director

ADDRESS: 340 MAIN STREET
GREENVILLE, MISSISSIPPI 38701

Date: 4/8/2019

WASTEWATER BYPASS REPORT

TO THE MISSISSIPPI OFFICE OF POLLUTION CONTROL

- I. PERMITTEE NAME: CITY OF GREENVILLE, MISSISSIPPI
- II. PERMIT NUMBER: MS0020184
- III. BYPASS SOURCE (I.E. MANHOLE, PUMP STATION, ETC.): Manhole
- IV. SOURCE LOCATION (I.E. STREET, ETC.): Wildwood & Gregory
- V. DATE/TIME BYPASS BEGAN: 4/5/2019
- VI. DATE/TIME BYPASS ENDED: 4/10/2019
- VII. VOLUME OF WASTEWATER BYPASSED (ESTIMATE IF NECESSARY) 3,000 gals.
- VIII. STATE WATERS EFFECTED (I.E. RIVER, STREAM, LAKE, ETC. NONE
- IX. CAUSE OF BYPASS: rainfall and sewer failure
- X. TEMPORARY CORRECTIVE ACTIONS TAKEN: possible bypass pump
- XI. PERMANENT CORRECTIVE ACTIONS: _____
- XII. NUMBER OF BYPASSES AT THIS LOCATION IN THE PAST 12 MONTHS: _____
- XIII. WHAT ACTIONS WERE TAKEN TO PREVENT OR MINIMIZE ADVERSE ENVIRONMENTAL
IMPACT?
- XIV. IF BYPASS CAUSED DUE TO INFLOW OF RAINFALL, HOW MANY INCHES OF RAIN FELL IN THE
AREA? 4 inches

SIGNATURE: Ronnie Washington

TITLE: Deputy Director

ADDRESS: 340 MAIN STREET
GREENVILLE, MISSISSIPPI 38701

Date: 4/10,2019

WASTEWATER BYPASS REPORT

TO THE MISSISSIPPI OFFICE OF POLLUTION CONTROL

- I. PERMITTEE NAME: CITY OF GREENVILLE, MISSISSIPPI
- II. PERMIT NUMBER: MS0020184
- III. BYPASS SOURCE (I.E. MANHOLE, PUMP STATION, ETC.): Manhole
- IV. SOURCE LOCATION (I.E. STREET, ETC.): Colorado & All Saint Circle
- V. DATE/TIME BYPASS BEGAN: 4/5/2019 @ 2:00 p.m.
- VI. DATE/TIME BYPASS ENDED: 4/10/2019 @ 6:00 p.m.
- VII. VOLUME OF WASTEWATER BYPASSED (ESTIMATE IF NECESSARY) 750 gals.
- VIII. STATE WATERS EFFECTED (I.E. RIVER, STREAM, LAKE, ETC.) NONE
- IX. CAUSE OF BYPASS: rainfall
- X. TEMPORARY CORRECTIVE ACTIONS TAKEN: _____
- XI. PERMANENT CORRECTIVE ACTIONS: _____
- XII. NUMBER OF BYPASSES AT THIS LOCATION IN THE PAST 12 MONTHS: _____
- XIII. WHAT ACTIONS WERE TAKEN TO PREVENT OR MINIMIZE ADVERSE ENVIRONMENTAL
IMPACT?
- XIV. IF BYPASS CAUSED DUE TO INFLOW OF RAINFALL, HOW MANY INCHES OF RAIN FELL IN THE
AREA? 4 inches

SIGNATURE: Ronnie Washington

TITLE: Deputy Director

ADDRESS: 340 MAIN STREET
GREENVILLE, MISSISSIPPI 38701

Date: 4/8/2019

WASTEWATER BYPASS REPORT

TO THE MISSISSIPPI OFFICE OF POLLUTION CONTROL

- I. PERMITTEE NAME: CITY OF GREENVILLE, MISSISSIPPI
- II. PERMIT NUMBER: MS0020184
- III. BYPASS SOURCE (I.E. MANHOLE, PUMP STATION, ETC.): Manhole
- IV. SOURCE LOCATION (I.E. STREET, ETC.): Tennessee Gas Rd & Robinson Lane
- V. DATE/TIME BYPASS BEGAN: 4/6/2019 @ 5:00 p.m.
- VI. DATE/TIME BYPASS ENDED: 4/10/2019 @ 1:00 p.m.
- VII. VOLUME OF WASTEWATER BYPASSED (ESTIMATE IF NECESSARY) 69,000 gals.
- VIII. STATE WATERS EFFECTED (I.E. RIVER, STREAM, LAKE, ETC.) NONE
- IX. CAUSE OF BYPASS: rainfall
- X. TEMPORARY CORRECTIVE ACTIONS TAKEN: _____
- XI. PERMANENT CORRECTIVE ACTIONS: _____
- XII. NUMBER OF BYPASSES AT THIS LOCATION IN THE PAST 12 MONTHS: 1
- XIII. WHAT ACTIONS WERE TAKEN TO PREVENT OR MINIMIZE ADVERSE ENVIRONMENTAL
IMPACT?
- XIV. IF BYPASS CAUSED DUE TO INFLOW OF RAINFALL, HOW MANY INCHES OF RAIN FELL IN THE
AREA? 4 inches

SIGNATURE: Ronnie Washington
TITLE: Deputy Director
ADDRESS: 340 MAIN STREET
GREENVILLE, MISSISSIPPI 38701
Date: 4/8/2019

WASTEWATER BYPASS REPORT

TO THE MISSISSIPPI OFFICE OF POLLUTION CONTROL

- I. PERMITTEE NAME: CITY OF GREENVILLE, MISSISSIPPI
- II. PERMIT NUMBER: MS0020184
- III. BYPASS SOURCE (I.E. MANHOLE, PUMP STATION, ETC.): Customer clean out
- IV. SOURCE LOCATION (I.E. STREET, ETC.): 825 Guerdon Road
- V. DATE/TIME BYPASS BEGAN: Friday, May 17, 2019 @ 2:30 pm
- VI. DATE/TIME BYPASS ENDED: Friday, May 17, 2019 @ 6:30 pm
- VII. VOLUME OF WASTEWATER BYPASSED (ESTIMATE IF NECESSARY) 15 gals.
- VIII. STATE WATERS EFFECTED (I.E. RIVER, STREAM, LAKE, ETC. NONE
- IX. CAUSE OF BYPASS: sewer failure - break down on the main line
- X. TEMPORARY CORRECTIVE ACTIONS TAKEN: temporally cleaned out line.
- XI. PERMANENT CORRECTIVE ACTIONS: fix the sewer failure.
- XII. NUMBER OF BYPASSES AT THIS LOCATION IN THE PAST 12 MONTHS: none
- XIII. WHAT ACTIONS WERE TAKEN TO PREVENT OR MINIMIZE ADVERSE ENVIRONMENTAL
IMPACT? ___
- XIV. IF BYPASS CAUSED DUE TO INFLOW OF RAINFALL, HOW MANY INCHES OF RAIN FELL IN THE
AREA? 4 inches

SIGNATURE: Ronnie Washington

TITLE: Deputy Director

ADDRESS: 340 MAIN STREET

GREENVILLE, MISSISSIPPI 38701

Date: 5/21/19

WASTEWATER BYPASS REPORT

TO THE MISSISSIPPI OFFICE OF POLLUTION CONTROL

- I. PERMITTEE NAME: CITY OF GREENVILLE, MISSISSIPPI
- II. PERMIT NUMBER: MS0020184
- III. BYPASS SOURCE (I.E. MANHOLE, PUMP STATION, ETC.): Manhole
- IV. SOURCE LOCATION (I.E. STREET, ETC.): Wildwood
- V. DATE/TIME BYPASS BEGAN: Saturday @ 5:00 pm 6/8/2019
- VI. DATE/TIME BYPASS ENDED: Saturday @ 6:30 pm 6/8/2019
- VII. VOLUME OF WASTEWATER BYPASSED (ESTIMATE IF NECESSARY) 500 gals.
- VIII. STATE WATERS EFFECTED (I.E. RIVER, STREAM, LAKE, ETC. NONE: lake
- IX. CAUSE OF BYPASS: Bypass hose we were pumping came out of the manhole
- X. TEMPORARY CORRECTIVE ACTIONS TAKEN: Team went out and fixed the problem.
- XI. PERMANENT CORRECTIVE ACTIONS:
- XII. NUMBER OF BYPASSES AT THIS LOCATION IN THE PAST 12 MONTHS: 4
- XIII. WHAT ACTIONS WERE TAKEN TO PREVENT OR MINIMIZE ADVERSE ENVIRONMENTAL
IMPACT? __
- XIV. IF BYPASS CAUSED DUE TO INFLOW OF RAINFALL, HOW MANY INCHES OF RAIN FELL IN THE
AREA? __

SIGNATURE: Ronnie Washington

TITLE: Deputy Director

ADDRESS: 340 MAIN STREET

GREENVILLE, MISSISSIPPI 38701

Date: 6/11/19

APPENDIX B

INFORMATION MANAGEMENT SYSTEM (IMS) ENTRIES (13TH QUARTER)

U.S. DISTRICT COURT CIVIL ACTION #16-cv-00048

Index	Last Name	Address	Department	ReceivedBy	AssignedTo	DateEntered	DateDelivered	Closed	CustomerDescr	WorkDescr	duration(hours) if		volume(gallons) if		waters	cause	group	pump station
											esso	sso	esso	sso				
											Yes	Yes	Yes	Yes				
52663	Perkins	297 Primrose 1515 Mary	670 Sewer 670 Sewer	Ronnie Washington Russell Reynolds	Jeff Appleton	4/5/2019 4/1/2019 7:48	4/1/2019	TRUE	Manhole sewer leak in street in front of drive 1st reported as water leak callin #31	lift station problem / all ok now	Yes	96	750	No	Rainfall	1	2	34
52756	Stone	297 Primrose Drive	670 Sewer	Bridgette Adley	Freddie Johnson	4/2/2019	4/5/2019	TRUE	Customer stated sewer line need blowing out, backing up on the property. URGENT!!! Sewer backup in business toilets backing up	lift station surcharged	Yes					1	12	36
52810		2244 Hwy 82 E	670 Sewer	Felicia Wilkerson	Jeff Appleton	4/3/2019 14:02	4/15/2019	TRUE	Sewer issue / manhole over flowing.	Done	Yes					1	20	27, 28, 58 & 86
52843		1784 Juniper Street	670 Sewer	Bridgette Adley	Freddie Johnson	4/4/2019	4/5/2019	FALSE	Manhole		Yes	120	3000	No	Rainfall	1	12	36
SSO		262 Wildwood(Median)	671 Sewer	Ronnie Washington	Freddie Johnson	4/5/2019	4/5/2019	TRUE	Manhole		Yes	124	750	No	Rainfall	3	22-A	53
SSO		Colorado/All Saints Circle	672 Sewer	Ronnie Washington	Freddie Johnson	4/5/2019	4/15/2019	TRUE	Manhole		Yes	92	69000	No	Rainfall	2	28-A	53
52895		Tennessee Gas Rd/Robinson Lane	673 Sewer	Bridgette Adley	Freddie Johnson	4/6/2019	4/15/2019	TRUE	Drainage issue	lift sta up	Yes					1	9A	40
52899	Ward	1341 Hwy 1 N	670 Sewer	Bridgette Adley	Freddie Johnson	4/8/2019	4/15/2019	TRUE	Sewerage issue - backing up into toilet/commode	pump out of fuel	Yes					1	21B	29
52901		1221 Ridge Avenue	670 Sewer	Bridgette Adley	Freddie Johnson	4/8/2019	4/15/2019	TRUE	Sewer backing up at the street	Main up	Yes					2	7	16
52903	Lewis	1607 S Lynne Circle	670 Sewer	Bridgette Adley	Freddie Johnson	4/8/2019	4/15/2019	TRUE	sewerage backing up at manhole	main up	Yes	16				2	16	
52905	Luster	1140 S Theobald Street	670 Sewer	Bridgette Adley	Freddie Johnson	4/8/2019	4/15/2019	TRUE	sewer backing up onto property	lift sta up	Yes					1	3D	55
52927		327 N Broadway Street	670 Sewer	Bridgette Adley	Freddie Johnson	4/8/2019	4/15/2019	TRUE	sewer backing up at 618 and 624 North Delesseps	main was up / pump out of fuel	Yes					1	3B	55
52981	Greenlee	618 N Delesseps Street	670 Sewer	Bridgette Adley	Jeff Appleton	4/8/2019 9:08	4/15/2019	TRUE	Sewer backup; manhole discharging at Wildwood Dr.	main up	Yes					1	27	71
52883	Joyce Hawkins	1822 Jacqueline Drive	670 Sewer	Milton Kearney	Jeff Appleton	4/8/2019 9:23	4/15/2019	TRUE	sewage backing up when it rains	main up	Yes					1		
52888		Waxhaw street	670 Sewer	Bridgett Winters	Jeff Appleton	4/8/2019 9:31	4/15/2019	TRUE	Sewer backup	pump put of fuel	Yes					1	8	17
		1516 S Delesseps Street		Milton Kearney	Jeff Appleton				pumps are out of diesel. He just left my office I called Jeff. He said Cardious is filling the pumps now									
52892	Knight		670 Sewer	Bridgett Winters	Jeff Appleton	4/8/2019 10:02	4/15/2019	TRUE	sewage backing up - multiple complaints	pump out of fuel	Yes					1	8	17
52912	Dobbins	291 Primrose Drive	670 Sewer	Bridgett Winters	Jeff Appleton	4/8/2019 11:33	4/15/2019	TRUE	Mayor said he said he would cut the pump on -the pump is on news media was contacted, he was advised not to air	lift sta up	Yes					1		
52917	Knight	1516 S Delesseps Street	670 Sewer	Bridgett Winters	Jeff Appleton	4/8/2019 12:49	4/15/2019	TRUE	NEED A MANAGER TO GO OUT-PUMP OUT OF GAS!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! He just left my office now hes calling back	pump out of fuel	Yes					1	8	17
52954	Hoskins	1515 Marilyn Avenue	670 Sewer	Milton Kearney	Jeff Appleton	4/9/2019 10:58	4/19/2019	TRUE	Server discharge in street. front.	lift station up per #59.	Yes					2	24	32 & 63
52983	Finley	1719 George Abraham Blvd	670 Sewer	Bridgett Winters	Jeff Appleton	4/9/2019 14:03	4/15/2019	TRUE	sewage backing up in his business- put pump on - call him with a follow up	lift sta up	Yes					2	28A	53
53002		Wildwood Dr. & McClain Sts.	670 Sewer	Milton Kearney	Jeff Appleton	4/10/2019 9:09	4/15/2019	TRUE	Sewer discharge in street	lift sta up	Yes					1		
53055			670 Sewer	Bridgette Adley	Jeff Appleton	4/11/2019	4/15/2019	TRUE	Manhole over flowing into subdivision on Cypress Street	lift sta up	Yes					2		
53148	Sharkley		670 Sewer	Bridgette Adley	Jeff Appleton	4/15/2019	4/19/2019	TRUE	customer complaining of sewer back up from street to house. Been 2 weeks with sewer issues.	lift station up	Yes					1	20	27, 28, 58 & 86
53196		618 E McCorkle Circle	670 Sewer	Bridgette Adley	Jeff Appleton	4/15/2019	4/19/2019	TRUE	water seeping from man hole, raw sewerage coming out.	Sewer failure/ bypass pump setup here.	Yes					1	27	71
53206	citizen	569 Sweet Gum Cove	670 Sewer	Bridgette Adley	Jeff Appleton	4/16/2019	4/26/2019	TRUE	Man hole over flowing, sewage running into the area.	Station up / main up also	Yes					2	28A	53
									Customer is requesting for line to be spread in the area where swerage has overflowed.		Yes					1	27	42
53227	walk - in	1814 McClain Street	670 Sewer	Bridgette Adley	Jeff Appleton	4/17/2019	4/26/2019	TRUE	customer daughter called about a foul smell and water in her mothers front yard, near the street. If this is not a city issue, please inform the customer that she need to get a plumber.		Yes					2	29	25
53234	customer	3555 Forest Drive	670 Sewer	Bridgette Adley	Jeff Appleton	4/17/2019	4/26/2019	TRUE	customer is complaining of sewerage overflowing in her yard. Please speak with the customer concerning her issue, whether city issue or homeowner.	Main blocked/ unblocked main.	Yes					3	28B	46 & 70
53296	Carpenter		670 Sewer	Bridgette Adley	Jeff Appleton	4/19/2019	5/7/2019	TRUE	customer complaining about sewerage is backing up and running into a ditch.	Bypass pump down	Yes					3		
53334	Eshmon	1325 Oxford Place	670 Sewer	Bridgette Adley	Jeff Appleton	4/22/2019	5/8/2019	TRUE	customer complaining about sewerage is backing up and running into a ditch.	main line broken down	Yes					1	20	27, 28, 58 & 86
53469	customer	2421 N Sanullo Circle	670 Sewer	Bridgette Adley	Jeff Appleton	4/22/2019	5/8/2019	TRUE	customer is complaining of sewerage overflowing in her yard. Please speak with the customer concerning her issue, whether city issue or homeowner.		Yes					3	16	54
53620	Williams	730 Hibiscus Street	670 Sewer	Bridgette Adley	Jeff Appleton	4/26/2019		FALSE	sewer issues:- back up, water up in the yard running back to the street drain, and sinkhole in the yard.	unblocked c/o	Yes					1	27	71
		541 Kathleen	670 Sewer	Bridgette Adley	Jeff Appleton	5/2/2019	5/8/2019	TRUE	sewage going in the ditch, Donde had repaired before and now its leaking again- hard to find the location- its in the woods in a secluded spot- his dad will show you where it is.		Yes							
53589	Moreman		670 Sewer	Bridgett Winters	Jeff Appleton	5/2/2019 9:00	5/10/2019	TRUE	sewer issue - toilets backing up.	lift station up	Yes					2	24	32 & 63
53629	Thomas	1148 Highland Plantation Road	670 Sewer	Bridgette Adley	Jeff Appleton	5/3/2019	5/10/2019	TRUE	Sewage is backing up onto the main road since Saturday night and there is sewage everywhere on the road		Yes					2		
53641	Jenkins	1669 Pear Lane	670 Sewer	Bridgette Adley	Jeff Appleton	5/6/2019 9:42		FALSE	sewage stopped up and running in the ditch- kids playing in the ditch-we did some digging and its been a problem	main line broken down / main repairs	Yes					1	27	41
53674	Eshmon	272 Wildwood Road	670 Sewer	Kyla Washington	Jeff Appleton	5/6/2019 15:38	5/8/2019	TRUE	Business owner said the sewer is backing up from Uncle Ben's. They are getting rice and grease from the adjacent building. There is an 8ft hole near the old hole that was dug out about a month ago near a tree on the left side.		Yes					1		
									Pipe burst in his front yard sewage going everywhere.		Yes					3		
53696	Miller	Provenza Road & North Broadway Street	670 Sewer	Bridgette Adley	Jeff Appleton	5/7/2019	5/10/2019	TRUE	Sewer backing up into business, cannot flush toilets.	Manhole up / lift station up // Resolved	Yes					2	26	45
53779	Henson	107 Wildwood Road	670 Sewer	Felicia Wilkerson	Jeff Appleton	5/9/2019 11:34		FALSE	Cleanout		Yes	4	15	No	Mainline Failure	2	27	43
53874	Massey	2348 Paradise Ln.	670 Sewer	Milton Kearney	Jeff Appleton	5/13/2019 13:26	5/23/2019	TRUE	overflow of sewage bubbling up from a valve located on city property.	Problem corrected, all ok.	Yes					3	28D	95
SSO		825 Guerdon Road	674 Sewer	Ronnie Washington	Jeff Appleton	5/17/2019	5/24/2019	TRUE	sewer issue / manhole bubbling up / can not flush toilets.	lift station up/ problem resolved now	Yes					1	8	17
54002	Wade	2010 Audubon Place	670 Sewer	Bridgette Adley	Jeff Appleton	5/17/2019	5/23/2019	TRUE	sewer issues / manhole overflowing / requesting lime to reduce the smell of sewage.		Yes							
54032	Hollowell	1130 Cloverdale Drive	670 Sewer	Bridgette Adley	Jeff Appleton	5/20/2019	5/23/2019	TRUE	customer is requesting lime to reduce the smell of sewage/ manhole running over.	System was up/ all ok now.	Yes					2		
54038	customer	1516 S Delesseps Street	670 Sewer	Bridgette Adley	Jeff Appleton	5/20/2019		FALSE	customer has sewage running into the street from a damaged sewer line on her property from the curb to the street.	line repair	Yes					3	9B	40
54039	customer	Sweet Gum - cove	670 Sewer	Bridgette Adley	Jeff Appleton	5/20/2019	5/24/2019	TRUE	Sewer backup, manhole overflowing, front at ditch, can check.	Reset pumps	Yes					3	28D	95
54065	Ganmill	1414 Sandy Avenue	670 Sewer	Bridgette Adley	Jeff Appleton	5/20/2019	6/3/2019	TRUE	sewer issue - can not use the toilets and raw sewage backing up in the yard.		Yes							
54024	Santucci	1132 Cloverdale Drive	670 Sewer	Milton Kearney	Jeff Appleton	5/20/2019 8:40	5/20/2019	TRUE	Customer called a plumber, who said its on the city side. Customer requesting for the clean out be blown out.	Unblocked c/o	Yes					3	28A	53
					Jeff Appleton				when will repairs be made and bypass pump removed- they are tracking sewage in their homes- he wants a call back from someone please and thanks. He wants to know the plan of action and the anticipated date of completion.		Yes					1	27	71
54410	Hall	1766 Lance Cove	670 Sewer	Bridgett Winters	Jeff Appleton></													

CIVIL ACTION 4:15-cv-00619

Index	Last Name	Address	Department	ReceivedBy	AssignedTo	DateEntered	DateDelivered	Closed	CustomerDescr	WorkDescr	ssd	duration(hours) if ssd	volume(gallons) if ssd	valers	cause	group	mningsstem	pump station
52686	Clark Mamie	2501 Naples Street	670 Sewer	Bridgett Winters	Jeff Appleton	4/1/2019 11:19	4/1/2019	TRUE	you all never showed up - sewage stopped up all down the street-911 Jermaine please handle, I showed you all the sewage in tub	unstopped clean out- bwhinters- msuber	No					1	20	37, 28, 56 & 86
52690	DEQ. Tylor Lopez	1181 Highland Plantation Road	670 Sewer	Bridgett Winters	Ronnie Washington	4/1/2019 14:09		FALSE	They need someone to call them regarding the sewage issue		No					2		
52695		1225 Ridge Avenue	670 Sewer	Russell Reynolds	Jeff Appleton	4/1/2019 14:28	4/1/2019	TRUE	sewer blockage c/o bk	unblocked line	No					1	9A	40
									Customer complaining about un-repaired sewer hole (years old) block with a safety cone @ Alabama and									
									Cason Street. Please address issue with customer per Everett Chinn, mayor's office. Jeff Appleton will consult with Freddy.		No					1	32B	20
52741	White	1717 Alabama Drive	670 Sewer	Bridgette Adley	Freddie Johnson	4/2/2019	4/2/2019	FALSE	Customer stated sewerage is backing up into her bathtub.	Unblocked c/o.	No					1	19B	28
52753		2630 Airdale Drive	670 Sewer	Bridgette Adley	Freddie Johnson	4/2/2019	5/23/2019	TRUE	Customer stated on the west side of the street adjacent to his house there is a sewer line collapsing near the electrical pole. Customer has identified the area with a stick with a glove on top of the stick, for easy finding.	Unblock c/o	No					2	1	1
52729	Linda Lavers	2252 White Oak Drive	670 Sewer	Bridgett Winters	Jeff Appleton	4/2/2019 11:46	4/5/2019	TRUE	shes here in my office now- sewage stopped up- Mitchell McAnair has been out already- proper clean out in front yard- ongoing problem	Unblocked c/o.	No				3	28A	53	
52750	Brown	1155 Cottage Drive	670 Sewer	Milton Kearney	Jeff Appleton	4/2/2019 13:21	4/5/2019	TRUE	Sewer blockage, c/o?	Improper c/o	No					3	22B	30
52757	Rosalyn profit	623 E Walhall Street	670 Sewer	Bridgett Winters	Jeff Appleton	4/2/2019 14:11	4/5/2019	TRUE	blow out sewer line -shes in my office now		No					2	6	13 & 15
52759	Dobbins	291 Primrose Street	670 Sewer	Milton Kearney	Jeff Appleton	4/2/2019 14:45	4/5/2019	TRUE	shes trying to attach clean out to citys main line	Unstopped improper c/o.	No					1		
52760	Stone	297 Primrose Street	670 Sewer	Milton Kearney	Jeff Appleton	4/2/2019 14:46	4/5/2019	TRUE	Sewer backup, c/o front.	Pumped down m/h's	No					1	12	36
52798	Barnes	728 Shannon Street	670 Sewer	Bridgette Adley	Freddie Johnson	4/3/2019	4/5/2019	TRUE	Bad sewer issues, on going.	Pumped down manholes.	No					1	32	21 & 22
									started sewerage is backing up in bath tub	No C/O.	No							
52809	Davis	165 Clover Circle	670 Sewer	Bridgette Adley	Freddie Johnson	4/3/2019		FALSE	Customer complaining that sewer line is his back yard has caused 2 major sink holes. Please give a courtesy call.		No					1	12	36
52803	Jamie / Jim Avis	290 W Reed Road	670 Sewer	Bridgett Winters	Jeff Appleton	4/3/2019 13:20	5/23/2019	TRUE	He said puit a hole i the road and vore a hole to see if there is anything under the road- last time if was 13 feet deep- possible safety issue	Avis repair	No					1	9A	40
52815	Johnny Smith	183 Clover Circle	670 Sewer	Bridgett Winters	Jeff Appleton	4/3/2019 14:34		FALSE	large hole forming in back yard, I sent pictures a while back- this from seep water or sewer line????		No					1	12	36
52826	Johnson	1724 Causey Drive	670 Sewer	Bridgette Adley	Freddie Johnson	4/4/2019	4/5/2019	TRUE	sewer back - up	Lift station surcharged.	No					2	21B	29
52845	Dobbins	291 Primrose Drive	670 Sewer	Bridgett Winters	Jeff Appleton	4/4/2019 16:42		FALSE	drainage and sewage issues, hes afraid it will back up into his home-ongoing issue		No					1		
52857	Coleman	White Oak Drive	670 Sewer	Bridgette Adley	Freddie Johnson	4/5/2019		FALSE	customer complaining of sewer backing up.		No					3		
52858	Hugh	988 N Broadway Ext	670 Sewer	Bridgette Adley	Freddie Johnson	4/5/2019		FALSE	Sewer issues - DDT		No					1	1	2
52860	Sherrdon	1252 Margaret Blvd	670 Sewer	Bridgette Adley	Freddie Johnson	4/5/2019	4/15/2019	TRUE	Poor drainage sewer backing up.	main was up	No					2	23	34
									Customer stated water is backing up from street to the house. Someone came out Monday but hasn't		No							
52867	Moore	694 East Chatham Drive	670 Sewer	Bridgette Adley	Freddie Johnson	4/5/2019		FALSE	return to talk with home owner.		No					1	2	4, 5 & 72
									Man holes need to be cleaned out, toilets are stopping up real bad. Man hole across from him need to be cleaned out also. Urgent!!!		No					1	9A	40
52874	Hall	1220 Ridge Avenue	670 Sewer	Felicia Wilkerson	Jeff Appleton	4/5/2019 14:42		FALSE	sewerage backing up		No							
52890			670 Sewer	Bridgette Adley	Freddie Johnson	4/8/2019		FALSE	sewer issues		No							
52891		1341 Hwy 1 N	670 Sewer	Bridgette Adley	Freddie Johnson	4/8/2019	4/15/2019	TRUE	sewer backing up into commode/ toilet.	unblocked c/o	No					2	1	
52900	Davis	2630 Airdale Drive	670 Sewer	Bridgette Adley	Freddie Johnson	4/8/2019	4/15/2019	TRUE	Sewer backing up. commode will not flush.	main is still up	No					3	28C	100
52904	Dickenson	1161 Cloverdale Drive	670 Sewer	Bridgette Adley	Freddie Johnson	4/8/2019	4/15/2019	TRUE	COMMODOES WILL NOT FLUSH.		No					3	22B	30
52910		1600 E Reed Road	670 Sewer	Bridgette Adley	Freddie Johnson	4/8/2019		FALSE	sewerage issue		No					1	3A	55
52915	Jackson	422 Persimmon Street	670 Sewer	Bridgette Adley	Freddie Johnson	4/8/2019		FALSE	sewer backing up	Ran c/o, it was down	No					1	38	55
52929	Brown	621 Short North Street	670 Sewer	Bridgette Adley	Jeff Appleton	4/8/2019	4/15/2019	TRUE	sewer backing up	lift sta up	No					2	15	10
52931	Steverson	442 Cannon Street	670 Sewer	Bridgette Adley	Jeff Appleton	4/8/2019	4/15/2019	TRUE	sewer issue	main was up	No					1	3D	55
52933	Hall	1007 W Ohesa Street	670 Sewer	Bridgette Adley	Jeff Appleton	4/8/2019	4/15/2019	TRUE	sewer issues	lift sta up	No					2	21B	29
52935	Dandridge	1615 S Lynne Circle	670 Sewer	Bridgette Adley	Jeff Appleton	4/8/2019	4/15/2019	TRUE	Sewer line stopped up.	Lift sta up	No					3	19A	55
52940	Luster	327 N Broadway Street	670 Sewer	Bridgette Adley	Jeff Appleton	4/8/2019	4/15/2019	TRUE	sewer backing up	lift sta up	No					3	19A	28
52941	Jenkins	856 Adams Drive	670 Sewer	Bridgette Adley	Jeff Appleton	4/8/2019	4/15/2019	TRUE	Sewer backing up	lift sta up	No					1	21A	29
52945	Payne	1057 Baskin Drive	670 Sewer	Bridgette Adley	Jeff Appleton	4/8/2019	4/15/2019	TRUE	sewerage backing up	City main down/ problem on P/O side	No					1		
52882	Broadway Common estate	Broadway	670 Sewer	Bridgett Winters	Jeff Appleton	4/8/2019 9:17	4/15/2019	TRUE	sewage backing up into apartments		No					3	12	35
52886	Schilling	604 Wintergreen Street	670 Sewer	Milton Kearney	Jeff Appleton	4/8/2019 9:28	4/15/2019	TRUE	Large hole developing near service line, front.	lift sta up	No					1	27	41
52916	Lunford	1765 Pinewood Drive	670 Sewer	Bridgett Winters	Jeff Appleton	4/8/2019 12:33	4/15/2019	TRUE	sewage stopped up again	main was up	No					1		
52921	Hawkins	Baskin	670 Sewer	Bridgett Winters	Jeff Appleton	4/8/2019 14:28	4/15/2019	TRUE	sewage stopped up again		No							
									They are in my office now- sewabe is backing up- WHY HASN'T THE DIG OUT TAKEN PLACE?????!!!!	Lift sta pump out	No					1	9A	40
52942	Ward	1221 Ridge Avenue	670 Sewer	Bridgett Winters	Jeff Appleton	4/8/2019 15:49	4/15/2019	TRUE	Sewer backing up	Lift sta up	No					3		
52952		Paradise Lane	670 Sewer	Bridgette Adley	Jeff Appleton	4/9/2019	4/15/2019	TRUE	Sewer issues		No							
52953	Coleman	Reed Road	670 Sewer	Bridgette Adley	Jeff Appleton	4/9/2019		FALSE	sewer issues		No					3		
52958		Paradise Lane	670 Sewer	Bridgette Adley	Jeff Appleton	4/9/2019		FALSE	sewer issues		No					3	7	16
52960	Lewis	140 S Theobald	670 Sewer	Bridgette Adley	Jeff Appleton	4/9/2019		FALSE	Sewer issue		No					2	1	1
52961	Davenport	1647 Northview Drive	670 Sewer	Bridgette Adley	Jeff Appleton	4/9/2019	4/15/2019	TRUE	Customer Has a sink hole in her yard, sewer issue.	Sanitation Issue/ no t sewer	No					2	5	14
52967	McDave	1040 S Theobald Street	670 Sewer	Bridgette Adley	Jeff Appleton	4/9/2019	4/15/2019	TRUE	sewer issue	Lift sta up	No					3		
52969	Booker	Paradise Land/ Vfw Road	670 Sewer	Bridgette Adley	Jeff Appleton	4/9/2019	4/15/2019	TRUE	sewer issues	c/o down	No							
52972	Young	572 Sweet Gum Cove	670 Sewer	Bridgette Adley	Jeff Appleton	4/9/2019	4/15/2019	TRUE	sewer issue		No					1	19B	28
52973	Wilson	1933 Lebanonn Lane	670 Sewer	Bridgette Adley	Jeff Appleton	4/9/2019		FALSE	sewer issue		No							
52974	Love	1513 N Delta	670 Sewer	Bridgette Adley	Jeff Appleton	4/9/2019	4/15/2019	TRUE	sewer back up.	c/o down	No					3	29	52
52975	Welch	1109 Raceway Road	670 Sewer	Bridgette Adley	Jeff Appleton	4/9/2019	4/15/2019	TRUE	sewer back up.	c/o down	No					2	21B	29
52978	home owner	1607 S Lynne Circle	670 Sewer	Bridgette Adley	Jeff Appleton	4/9/2019	4/15/2019	TRUE	sewer issue	lift sta up	No					1	3D	55
52993	Luster	327 N Broadway Street	670 Sewer	Bridgette Adley	Jeff Appleton	4/9/2019		FALSE	Sewer issue in the front yard		No					2	23	34
52995	walk-in	730 Shattuck	670 Sewer	Bridgette Adley	Freddie Johnson	4/9/2019		FALSE	Bus driver reporting a sink hole near 730 Shattuck on the side near curb.		No							
									Line going into sewer drain at man hole is stopped up, hendering other work		No					3	29	52
52966	Welch	1109 Raceway Rd.	670 Sewer	Kyla Washington		4/9/2019 12:39		FALSE	Sewage backing up	no c/o	No					1	10	38
52981	Bailey	1566 Genie Fairway	670 Sewer	Bridgett Winters	Jeff Appleton	4/9/2019 13:59	4/15/2019	TRUE	Sewer backup	c/o down	No					1	3A	55
52984	Dooks	458 Cleveland Street	670 Sewer	Milton Kearney	Jeff Appleton	4/9/2019 14:04	4/15/2019	TRUE	Sewer backup	c/o down	No					1		
52987	Lim	453 N Broadway	670 Sewer	Milton Kearney	Jeff Appleton	4/9/2019 15:19	4/15/2019	TRUE	sewage is backing up we cant out but his mother dosent understand what we are saying- PLEASE CALL HIM		No							
									employees said he would send someone else out		No					1	10	38
52996	Bailey	1566 Genie Fairway	670 Sewer	Bridgett Winters	Jeff Appleton	4/9/2019 16:50		FALSE	daycare not able to use toilets, have over 170 children there. Please talk with this customer about		No							
									a pump on their property.	System up/meet with P/O	No							
53000		Reed Road	670 Sewer	Bridgette Adley	Jeff Appleton	4/10/2019	4/15/2019	TRUE	Drain needs to be checked across the street, causing backup in yard		No					1	32B	20
53004	Daniels	1000 Patton Drive	670 Sewer	Kyla Washington		4/10/2019 9:24		FALSE			No							
									shes in my office now, we dug a hole in her back yard before christmas, we did the same thing a year ago= after spring break we scooped up the dirt and created a levee in her yard causing damage to the fence. Pack dirt and spread properly- picture are on file- unknown reason for dling - please investigate to find out who worked there last year. She said shes called and been down here to the water dept	yard repair in progress	No				1	21A	29	
53010	Toni McCoy	1268 Wayside Drive	670 Sewer	Bridgett Winters	Jeff Appleton	4/10/2019 10:57	4/15/2019	TRUE	Sewer backup, c/o front.	system up	No					2	28	25
53011	Pennington	3554 Sherwood Drive	670 Sewer	Milton Kearney	Jeff Appleton	4/10/2019 11:45	4/15/2019	TRUE	Sewer backup	system up / ran c/o	No					3	22B	30
53015		1600 E Reed Rd	670 Sewer	Milton Kearney	Jeff Appleton	4/10/2019 14:18	5/23/2019	TRUE	Sewer backup	Lift station up/ back in operation.	No					1	20	30
53016	Young	611 E McCorkle Cir	670 Sewer	Milton Kearney	Jeff Appleton	4/10/2019 14:20	4/15/2019	TRUE	Sewer backup, c/o front.	c/o down	No					1	9A	40
									customer complaining of sink hole in the back yard adjacent to sewer main near ditch. Approx. 4 to 5 inches dept.	Ran c/o, it went down	No					13	10	
53029	McClure	1174 McAuthur	670 Sewer	Bridgette Adley	Jeff Appleton	4/11/2019	4/15/2019	TRUE	Sewer issue / back up		No					3	9B	40
53046		513 Arnold Street	670 Sewer	Bridgette Adley	Jeff Appleton	4/11/2019		FALSE	Sewer back up	C/o was down	No					1	8	17
53048	citizen	1439 E Rebecca Drive	670 Sewer	Bridgette Adley	Jeff Appleton	4/11/2019	4/15/2019	TRUE	sewer back up	Lift sta up	No					2		
53051	Phelps	1224 Short Holmes Street	670 Sewer	Bridgette Adley	Jeff Appleton	4/11/2019	4/15/2019	TRUE	Sewer issue back up in ditch	Ran c/o - it went down	No							
53057		Reed Road	670 Sewer	Bridgette Adley	Jeff Appleton	4/11/2019	4/15/2019	TRUE	Sewer issues - manhole stopped up.		No							
53076	Jackson	1965 Hwy 82 W	670 Sewer	Bridgette Adley	Jeff Appleton	4/11/2019	4/15/2019	TRUE	sink hole - sewer line collapse, reported about 5 to 6 weeks ago		No					2	5	14
53078	McClay	741 S Broadway Street	670 Sewer	Bridgette Adley	Jeff Appleton	4/11/2019	4/15/2019	TRUE			No							

Index	LastName	Address	Department	ReceivedBy	AssignedTo	DateEntered	DateDelivered	Closed	CustomerDescr	WorkDescr	sso	duration(hours) if sso	volume(gallons) if sso	waters	cause	group	minisystem	pump station
U.S. DISTRICT COURT CIVIL ACTION 4:16-cv-00819																		
53020	Ward	1221 Ridge Avenue	670 Sewer	Bridgett Winters	Jeff Appleton	4/11/2019 8:28	4/15/2019	TRUE	HE IS HERE IN MY OFFICE AGAIN TODAY! ITS GETTING KIND OF UNACCEPTABLE- he needs temporary relief, we wrong for they way has been treated- I spoke to Cardario and Cook they should be there at 8:00 am in the morning to the dig out	Lift station up	No					1	9A	40
53068	Barnes	1770 Camelia Dr.	670 Sewer		Jeff Appleton	4/11/2019 14:56	4/19/2019	TRUE	Large hole developing near main line. rear. can check. she said we have ruttet up her yard and you said you would move the loud generator and remove the bypass pump- why isnt it done yet- we have the pump so why havent we installed it yet	No sewer issue	No					3	12	35
53079	Megan smith	1193 Oxford Place	670 Sewer	Bridgett Winters	Jeff Appleton	4/11/2019 15:55	4/15/2019	TRUE	sewer inside the house slowly draining out.	Issue resolved / c/o down	No					3	28B	46 & 70
53087	Williams	541 Kathleen Drive	670 Sewer	Bridgett Adley	Jeff Appleton	4/12/2019	4/15/2019	TRUE	water inside the house slowly draining out.	Problem on P/O, no c/o , main down	No					1	27	71
53090	Lunford	1765 Pinewood Drive	670 Sewer	Bridgett Adley	Jeff Appleton	4/12/2019	4/15/2019	TRUE	sewer back up		No							
53091	Seaton	444 Jo Ann Circle	670 Sewer	Bridgett Adley	Jeff Appleton	4/12/2019	4/15/2019	TRUE	Customer showed pics of street caving in at the manhole in front of his house.	No sewer issue, c/o down	No					1	10	38
53082	Webster	1338 E John St	670 Sewer	Milton Kearney	Jeff Appleton	4/12/2019 8:30	4/19/2019	TRUE	Sewer backup, c/o front.	C/o is down	No					1	21A	29
53085	Boyd	1724 Causey Drive	670 Sewer	Milton Kearney	Jeff Appleton	4/12/2019 9:47	4/15/2019	TRUE	Sewer backup, c/o front.	C/O down	No					1	21B	29
53094	McLay	741 S Broadway Street	670 Sewer	Bridgett Winters	Jeff Appleton	4/12/2019 13:27	4/15/2019	TRUE	we dug hole and left it 5 weeks ago- sewage stoped up because of the hole - we did lots of digging in the area- cant flush	C/o was down	No				2	5	14	
53109	Bennett	438 N 8th Street	670 Sewer	Bridgett Adley	Jeff Appleton	4/15/2019	4/19/2019	TRUE	Sewerage running on the ground. Speak with tenant and determine if the problem is on landlord or on the city.	C/o is down, problem is on P/O	No				1	18	28	
53121	Grant	867 Hart Drive	670 Sewer	Bridgett Adley	Jeff Appleton	4/15/2019	4/19/2019	TRUE	Slow drainage in the area. Backing up in the house.	C/o is down	No				3	19A	28	
53128	Sharkey	611 E McCorkle Circle	670 Sewer	Bridgett Adley	Jeff Appleton	4/15/2019	4/19/2019	TRUE	customer complaining of sewer back up at the street to the house.	mznhole is down	No				1	20	27, 28, 58 & 86	
53135	McClain	741 S Broadway Street	670 Sewer	Bridgett Adley	Ronnie Washington	4/15/2019		FALSE	Customer is complaining about an on-going issue of (5 to 6 weeks old) , city workers dug a hole to repair sewer line came across an problem and left the area unsecur. Customer stated the area is not blocked off, piles of dirt on both sides of the hole. No explanation has been give for further completion of the job started. He would like to speak with a person for clarity.		No				2	5		
53137	Fullerton	513 Orlando Street	670 Sewer	Bridgett Adley	Jeff Appleton	4/15/2019	4/19/2019	TRUE	Plumber stated that the sewer is stop up at the street. he tried to un-stop but could not.	C/o is down	No				3	14	10	
53144	Wilson	1933 Lebanon Lane	670 Sewer	Bridgett Adley	Jeff Appleton	4/15/2019	4/19/2019	TRUE	Customer stated the sewer is backing up in the house, this has been an issue for 2 weeks.	Breakdown on P/O	No				1	19B	28	
53103	Kerish	3537 Forest Drive	670 Sewer	Milton Kearney	Jeff Appleton	4/15/2019 8:18	4/19/2019	TRUE	Sewer backup	main line was up, problem solved / mainline down	No				2	29	25	
53105	Ward	1221 Ridge Avenue	670 Sewer	Bridgett Winters	Jeff Appleton	4/15/2019 8:22	4/19/2019	TRUE	Mr ward is here in my office again, this is getting way out of controll i give- dig out not done yet	C/o went down	No				1	9A	40	
53112	Pearl	448 S Washington Ave	670 Sewer	Milton Kearney	Jeff Appleton	4/15/2019 9:29	4/19/2019	TRUE	Sewer backup. L Thomas plumber	problem is on P/O & plumber; no City issue	No				1	3C	55	
53115	Johnson	569 Solomon	670 Sewer	Bridgett Winters	Jeff Appleton	4/15/2019 10:40	4/19/2019	TRUE	sewage stoppped up	C/o is down	No				1	18	28	
53119	Green	3545 Forest Drive	670 Sewer	Milton Kearney	Jeff Appleton	4/15/2019 11:04	4/19/2019	TRUE	Sewer backup	problem solved	No				2	29	25	
53123	D & D Deli & Grocery	Luster & Caroline	670 Sewer	Bridgett Winters	Jeff Appleton	4/15/2019 11:38	4/19/2019	TRUE	hes been calling 1699- business in area - plumber said it's a city issue, hes been experiencing problems for 3 weeks- cant open business because of sewage issue- Topps plumbing said city issue- DETERMINE WHOSE ISSUE IT IS PLEASE	on P/O	No				2			
53126	Williams	480 Peach Street	670 Sewer	Kyla Washington	Jeff Appleton	4/15/2019 12:02		FALSE	resident can flush toilet		No					1	3E	6
53130	Jimmy Little	730 Shattuck	670 Sewer	Bridgett Winters	Jeff Appleton	4/15/2019 12:26	4/19/2019	FALSE	cave in, sink hole in the street- painted a white circle around it- leave door knocker-	In progress	No				2	23	34	
53141	Brooks	3575 Forest Drive	670 Sewer	Milton Kearney	Jeff Appleton	4/15/2019 14:09	4/19/2019	TRUE	contact employee jimmy little with your findings 822-6998	manhole is down	No				2	29	25	
53168	Cypresswood Apartment	564 cypress lane	670 Sewer	Bridgett Adley	Jeff Appleton	4/16/2019	4/19/2019	TRUE	Sewer backup	on P/O	No				3	27	71	
53177		1292 Margaret Blvd	670 Sewer	Bridgett Adley	Jeff Appleton	4/16/2019	4/19/2019	TRUE	manager stated that the sewer is backing up at the apartment complex.	problem solved	No				2	23	34	
53179		752 Pollock Street	670 Sewer	Bridgett Adley	Jeff Appleton	4/16/2019	4/19/2019	TRUE	Citizens have noticed several sink holes on Delesseps Street.	street issue	No				2	5	14	
53187	Hackman	513 N Delta Street	670 Sewer	Bridgett Adley	Jeff Appleton	4/16/2019	4/19/2019	TRUE	Customer states for about 2 weeks he has been experiencing sewer problems and now sewerage is backing up in his toilet and bath tub. He has spoken to his landlord and was told to contact the city.	C/o is down	No				1	18	28	
53157	Hanger	539 Kirk Cir.	670 Sewer	Milton Kearney	Jeff Appleton	4/16/2019 7:31	4/19/2019	TRUE	Sewer blockage, c/o front.	C/o is down	No				3	25	11 & 12	
53159	Johnson	1793 E Azalea	670 Sewer	Bridgett Winters	Jeff Appleton	4/16/2019 8:13	4/19/2019	TRUE	clean out a rear - sewage issue plumber snaked it out- define the problem - water in the clean out , its near his house though	on P/O	No				3	12	35	
53183	Harmon	2430 S Sarullo Circle	670 Sewer	Bridgett Winters	Jeff Appleton	4/16/2019 11:12	4/19/2019	TRUE	sewage issue	sewer failure here	No				1	20	27, 28, 58 & 86	
53189	Reynolds	1469 Frances Street	670 Sewer	Bridgett Winters	Jeff Appleton	4/16/2019 12:21	4/19/2019	TRUE	hes here in my office now, everytime he gets a half inch of drain hes tolliets overflow. Hes been there since 1975 but started having this problem about two years ago. He said his neighbors are also experiencing the same problem. They have to use a handicap chair with a walmart bag as a toilet. CAMERA THE LINE	C/o is down	No				3	9B	40	
53201	Smith	1230 John St	670 Sewer	Milton Kearney	Jeff Appleton	4/16/2019 15:09	4/19/2019	TRUE	Sink hole developing in front yard, can check.	No sewer issue	No				2	23	34	
53237	customer	600 Hernando Street	670 Sewer	Bridgett Adley	Jeff Appleton	4/17/2019		FALSE	customer complaining of the loud noise from the sewer pump, it runs all day and night. Requesting that it be cut off during the night and back on during the day.		No				3	6	13 & 15	
53251	Britton	707 Pickett Street	670 Sewer	Bridgett Adley	Jeff Appleton	4/17/2019	4/26/2019	TRUE	customer said lid on the man hole came off and sewer is running into her yard.	Not a sewer issue, leak at meter	No				1	32	21 & 22	
53257	Langford	268 Ridge Avenue	670 Sewer	Bridgett Adley	Jeff Appleton	4/17/2019	4/26/2019	TRUE	Backing up from the street to the house.	Repair to pump, all ok.	No				1	9A	40	
53218	Felicia	2511 Naples Street	670 Sewer	Bridgett Winters	Jeff Appleton	4/17/2019 8:56	4/26/2019	TRUE	customer state the sewer pump is on but not pump sewerage	Unblock c/o	No				1	20	27, 28, 58 & 86	
53223	Neal	3575 Forest Drive	670 Sewer	Bridgett Winters	Jeff Appleton	4/17/2019 9:22	4/26/2019	TRUE	sewage stoppped up - ongoing sewer issues- a dig out was requested- George Sherdon said it's a city issue. He was at this address 4/17/2019	Main up, unblocked main line.	No				2	29	25	
53238	Kersh	3537 Forest Drive	670 Sewer	Bridgett Winters	Jeff Appleton	4/17/2019 11:07	4/26/2019	TRUE	calls everyday about sewage issue, Jeff is here they are working on it- 4 days and no use of toilets	Main up, unblocked main line.	No				2	29	25	
53243	Mcday	741 S Broadway Street	670 Sewer	Bridgett Winters	Jeff Appleton	4/17/2019 13:15	4/26/2019	TRUE	kerch is here in my office now, complaining about the sewage issue - we came out with the big truck this morning.	Main blocked/ unblocked	No							
53248	D & D DELI	1201 LUSTER	670 Sewer	Bridgett Winters	Jeff Appleton	4/17/2019 14:02	4/26/2019	TRUE	hole in the sidewalk causing sewage issues, we were working the area on sewer. He is in my office again today. A hole in the area on side of the house. We came out and said we think its AT&T- CONCRETE SLAB SAYS AT&T	Unblocked c/o	No				2	5	14	
53276	RHODES	1271 John Street	670 Sewer	Bridgett Winters	Jeff Appleton	4/17/2019 14:02	5/10/2019	TRUE	sewage problem at his business. he was here earlier this week. BUSINESS IS CLOSED BECAUSE OF SEWAGE ISSUE. Please call him so he can meet you all out there.	no one there	No				2	7	16	
53271	Rhodes	1271 John St	670 Sewer	Milton Kearney	Jeff Appleton	4/18/2019	4/26/2019	FALSE	SEWER LINE IS BACKING UP. NEED LINE BLOWN OUT		No				2	23	34	
			670 Sewer	Milton Kearney	Jeff Appleton	4/18/2019 9:03	4/26/2019	TRUE	Sewer backup, c/o rear.	Lift station up, has main up also.	No				2	23	34	
53301	Wise	905 Main Street	670 Sewer	Bridgett Adley	Jeff Appleton	4/19/2019	4/26/2019	FALSE	customer is experience a sewer problem at his business. He said a city was there and left but has not returned,		No					1	3C	55
53310	Lecture	2534 Shuttlesworth Drive	670 Sewer	Bridgett Adley	Freddie Johnson	4/19/2019	5/7/2019	TRUE	sewerage back up from the main into the yard.	Repair on P/O.	No				1	30	24, 56 & 84	
53314	Fullerson	513 Orlando Street	670 Sewer	Bridgett Adley	Jeff Appleton	4/19/2019	5/8/2019	TRUE	sewerage back up from the main into the yard.	unblock c/o	No				3	14	10	
53315	Martin	725 Alexander	670 Sewer	Bridgett Adley	Freddie Johnson	4/19/2019	6/3/2019	TRUE	sewer back back up	C/o is down	No				1			
53295	1065 Baskin Dr		670 Sewer	Milton Kearney	Jeff Appleton	4/19/2019 7:49	5/8/2019	TRUE	Sewer backup	lift station up	No				1	21A	29	
53311	964 Patton Dr		670 Sewer	Milton Kearney	Jeff Appleton	4/19/2019 13:44	6/3/2019	TRUE	Sewer backup	M/H is down	No				1			
53323	Hawkins	1064 Baskin	670 Sewer	Bridgett Adley	Jeff Appleton	4/22/2019	5/8/2019	TRUE	Sewer backup, c/o rear.	lift statio up	No				1			
53335	Williams	331 S Hinds Street	670 Sewer	Bridgett Adley	Jeff Appleton	4/22/2019	5/7/2019	TRUE	sewer issue	Unblocked c/o.	No				2	4A	7	
53337	customer	1347 E John Street	670 Sewer	Bridgett Adley	Jeff Appleton	4/22/2019	5/23/2019	TRUE	Sewer back up	Unblocked c/o	No				3	22A	34	
53345	Matthew	2511 Naples Street	670 Sewer	Bridgett Adley	Jeff Appleton	4/22/2019	4/26/2019	TRUE	Customer stated that Lewis Thomas, plumber said her issue is on the city.	Unblocked c/o	No				1	20	27, 28, 58 & 86	
53322		429 S 8th St	670 Sewer	Milton Kearney	Jeff Appleton	4/22/2019 7:38	5/7/2019	TRUE	Sewer backup res. Callback last reported 4-22	Unblocked line	No				3	16	54	
53326		305 S Beauchamp	670 Sewer	Milton Kearney														

Index	LastName	Address	Department	ReceivedBy	AssignedTo	DateEntered	DateDelivered	Closed	CustomerDescr	WorkDescr	ssu	duration(hours) if ssu	volume(gallons) if ssu	waters	cause	group	minisystem	pump station
53364	customer	829 S Theobald Street	670 Sewer	Bridgette Adley	Jeff Appleton	4/23/2019		FALSE	customer sais sewerage is coming out of the city clean out and running into her yard.	water leak	No					2	5	14
53375	Simpson	222 N Colorado Street	670 Sewer	Bridgette Adley	Jeff Appleton	4/23/2019		FALSE	sewerage back up		No					1	18	28
53377	customer	318 S Harvey Street	670 Sewer	Bridgette Adley	Jeff Appleton	4/23/2019		TRUE	customer said clean-out at the street is stopped up, sewerage coming out.	unblocked line	No					1	4A	7
53385	customer	420 S 8th Street	670 Sewer	Bridgette Adley	Jeff Appleton	4/23/2019		TRUE	customer tried rodding out sewer line but its backed up at the street.	unblocked c/o	No					1	16	54
53386	plumber	150 Pauline Street	670 Sewer	Bridgette Adley	Jeff Appleton	4/23/2019		TRUE	plumber needing assistance at the street, sewer back up.	Unproper c/o, but did unblock for them	No					1	10	38
									Property owner and her renter spoke with Jeff Appleton - Div. Chief (Sewer) today regarding private property and city employees doing work pass city property. Jeff explained to Ms. Jordan that her sewer issue is on her property and the city line was not stopped up. Ms. Jordan wanted the city to blow out the sewer line on her property (back yard). It was again explained to Ms Jordan what can and can not be done by the city regarding private property.									
53388	Jordan	325 Shackelford Street	670 Sewer	Bridgette Adley	Jeff Appleton	4/23/2019		TRUE	Sewer backup/ m/h in rear alley, can check, their lin has been rodded.	Repair on P/O	No					1	30	24, 56 & 94
53354	Mobley	444 S Cornell	670 Sewer	Milton Kearney	Jeff Appleton	4/23/2019 8:48		TRUE	Sewer blockage, c/o side.	M/H down/ unblocked c/o	No					1	20	27, 28, 56 & 96
53400	Brown	1738 Spruce Street	670 Sewer	Milton Kearney	Jeff Appleton	4/24/2019 11:58		TRUE	Sewer backup, c/o front.	Unblocked c/o	No					1	19B	28
53401	Herman	2430 S Sarullo Cir	670 Sewer	Milton Kearney	Jeff Appleton	4/24/2019 12:01		TRUE	Sewer backup, c/o front.	lift station up	No					1	20	27, 28, 56 & 96
53409	Nelson	326 E Alexander	670 Sewer	Milton Kearney	Jeff Appleton	4/24/2019 15:16		TRUE	Sewer backup: c/o?	c/o down	No					1	3C	55
53420	customer	812 Peel Street	670 Sewer	Bridgette Adley	Jeff Appleton	4/25/2019		TRUE	man hole over flowing / sewer back up	Unblocked c/o	No					1	3A	55
									sewerage is backing up coming up through tub. Customer does have a plumber to address the issue but want to be sure it not a city problem. If possible please knock on the door and speak with customer.									
53427	Lawrence	1762 E Pear Lane	670 Sewer	Bridgette Adley	Jeff Appleton	4/25/2019		TRUE	sewer back up	c/o down	No					2	24	32 & 63
53432	Patterson	Plate Chemical Road	670 Sewer	Bridgette Adley	Jeff Appleton	4/25/2019		TRUE	sewer back up	c/o is down	No					2	15	10
53435	Walker	704 Lotus Street	670 Sewer	Bridgette Adley	Jeff Appleton	4/25/2019		TRUE	sewer back up	Repair on P/O.	No							
									sewerage issue within a sinkhole. Customer daughter's called from Jackson to report the issue. Jeff Appleton was called and will to 318 North Shelby to address the complaint. Customer / daughters will contact Councilwoman Bailey to address their concerns on the behalf of their mother.									
53439	customer - daughter	318 N Shelby Street	670 Sewer	Bridgette Adley	Jeff Appleton	4/25/2019		TRUE	Large hole in yard, front near street, can check please.	Cook made repairs.	No					1	3D	55
53417	Schilling	604 Wintergreen St	670 Sewer	Milton Kearney	Jeff Appleton	4/25/2019 8:30		TRUE	sewage backing up	Repaired / CB	No					3	12	35
53418	Tony	429 S 8TH	670 Sewer	Bridgett Winters	Jeff Appleton	4/25/2019 8:37		TRUE	Needs sewer drain cleaned out	c/o down	No					1	16	54
53429	Dukes	558 Cleveland St	670 Sewer	Kyla Washington	Jeff Appleton	4/25/2019 11:13		FALSE	sewer back up at the street.		No					1		
53448	Grant	709 Walker	670 Sewer	Bridgette Adley	Jeff Appleton	4/26/2019		TRUE	sewer back up for months now. Customer has two clean out valves on her property.	line unblocked	No					3	14	10
53452	Davis	1803 Cannon	670 Sewer	Bridgette Adley	Jeff Appleton	4/26/2019		TRUE	customer said she has a plumber at her house and needing the city to come out sewer is backing up.	unblocked line // needs proper c/o installed.	No					2		
53470	customer	1541 W Pear Lane	670 Sewer	Bridgette Adley	Jeff Appleton	4/26/2019		TRUE	sewer issue - clean out at the street full.	All ok: c/o needs to be raised.	No					2	24	32 & 63
53475	customer	1439 E Rebecca Drive	670 Sewer	Bridgette Adley	Jeff Appleton	4/26/2019		FALSE	sewer issue drain to the street has collaps had causing the back up.		No					3	9B	40
53503	customer	720 California	670 Sewer	Bridgette Adley	Jeff Appleton	4/29/2019		TRUE	sewer back up, customer has called a plumber and plumber said her problem is at the street/ city side.	line unblocked	No					2	21B	29
53504	customer	2288 Oak Ridge Drive	670 Sewer	Bridgette Adley	Jeff Appleton	4/29/2019		TRUE		Have c/o but problem is on P/O.	No					2	28A	53
									Kendrick Davis with the sewer department went to address the issue and found that the customer did not have a clean out valve at her property. The city line was dry. It was determined the sewer issue was on the customer. Contact was made with the customer and advised of the situation. Kd by BA									
53511	Williams	2288 Oak Ridge Drive	670 Sewer	Bridgette Adley	Jeff Appleton	4/29/2019		TRUE	customer complaining of sewer back up on the city, according to her plumber.		No					2	28A	53
53512	Martin	1725 E Alexander Street	670 Sewer	Bridgette Adley	Jeff Appleton	4/29/2019		TRUE	customer complaint that she can not use her bathrooms.	line unblocked	No					1	19B	28
53510	Blake	728 Phelps Street	670 Sewer	Felicia Wilkerson	Jeff Appleton	4/29/2019 14:05		FALSE	Sewer backing up in the street. Sewer going into the houses area	line unblocked	No					2	7	16
									homeowner said the city workers left the manhole cover off the hole and stuck a shovel in the hole and has not come back to finish the job, this had been over a month. Customer asking that the shovel be removed and the cover be placed back over the manhole.									
53525	customer	2312 Hummingbird Drive	670 Sewer	Bridgette Adley	Jeff Appleton	4/30/2019		TRUE	customer said the sewer is stop up and running into the street.	m/h cover back on	No					2	28A	53
									Customer complaint was checked out by K. Davis, the problem is on the customer side.									
53526	Walker	704 Lotus Street	670 Sewer	Bridgette Adley	Jeff Appleton	4/30/2019		TRUE	walk-in complaint on Friday, April 26th, no show of city sewer workers. Call today with the same issue - Kendrick Davis will go out to be sure its not a city sewer issue.	Complaint closed by K. Davis via phone call.	No					2	15	10
53552	Davis	1803 Cannon Street	670 Sewer	Bridgette Adley	Jeff Appleton	4/30/2019		TRUE	sewage backup c/o by road new cleanout installed	unblocked c/o	No							
53518	Grant	709 E Walker	670 Sewer	Russell Reynolds	Jeff Appleton	4/30/2019 8:01		TRUE	res wants to know when the city is going to install pumps to help her sewer problems	unblocked line	No					2		
53519	Wright	2421 Turin Street	670 Sewer	Russell Reynolds	Jeff Appleton	4/30/2019 8:10		TRUE	sewer issues for over a week.	repair on P/O	No					1	20	27, 28, 56 & 96
53558	McClendon	817 Hibiscus Street	670 Sewer	Bridgette Adley	Jeff Appleton	5/1/2019		TRUE	sewer line was put down in the alley of Old St. Joe School. The hole was left open with dirt piled on both sides. The hole is now filled with raw sewerage. Customer is afraid that kids may wonder back there and get hurt. Please make visual contact ASAP.	sewer issue resolved by city - Kendrick Davis. Complaint closed.	No					3	16	54
53579	Hugh	711 Golf Street	670 Sewer	Bridgette Adley	Jeff Appleton	5/1/2019		FALSE	Leak in the city water line		No					2		
53561	Franklin	318 W Alexander Street	670 Sewer	Kyla Washington	Jeff Appleton	5/1/2019 10:01		FALSE	requesting that concrete be poured around the opening of the manhole instead of dirt.	ASAP.	No					1		
53596	Hargrove	433 Oak Ridge Drive	670 Sewer	Bridgette Adley	Jeff Appleton	5/2/2019		FALSE	open manhole George Street. in a field near the road.		No					2	28A	53
53613	customer	George Street	670 Sewer	Bridgette Adley	Jeff Appleton	5/2/2019		FALSE	sewer issue		No					3		
53616	Cochran	1532 N David Circle	670 Sewer	Bridgette Adley	Jeff Appleton	5/2/2019		FALSE	Sewer back up		No					2	23	34
53602	Cantrell	1949 E Alexander Street	670 Sewer	Felicia Wilkerson	Jeff Appleton	5/2/2019 11:23		FALSE	sewer back up		No					1	19B	28
53626	customer	1849 Jacqueline Drive	670 Sewer	Bridgette Adley	Jeff Appleton	5/3/2019		TRUE	manhole over flowing/ toilets backing up.		No					1	27	71
									Customer complaining that hes customer cant use their bathrooms because the sewer is stopped up.									
53642	customer	Hwy 82	670 Sewer	Bridgette Adley	Jeff Appleton	5/6/2019		FALSE	He stated nothing took place the last time the city employees came out.		No							
53645	customer	342 Azar	670 Sewer	Bridgette Adley	Jeff Appleton	5/6/2019		TRUE	customer sewer line leaking in the street.	no sewer, water leak /// REPAIRED // T W	No					1		
53646	customer	1745 Holly Lane	670 Sewer	Bridgette Adley	Jeff Appleton	5/6/2019		TRUE	customer stated sewer back up - city main is in the back yard.	unblocked c/o	No					1	12	36
									sewer is stopping up/ someone took the cap from the clean - out. Please replace with another cap, after being serviced.									
53653	Jennie	1695 S David Circle	670 Sewer	Bridgette Adley	Jeff Appleton	5/6/2019		TRUE	sewer back up Ridge Ave, customer back yard has sewer in it. Customer said to get to their back yard come off Cotton Drive.	Lift station up	No					2	24	32 & 63
53659	Reeds	235 Ridge Avenue	670 Sewer	Bridgette Adley	Jeff Appleton	5/6/2019		TRUE		Improper c/o	No					1	9A	40
									sewer issues reported on 5/2/19 and over the week-end and then again on 5/3/19.		No					2	24	32 & 63
53663	Thomas	1669 s Pear Lane	670 Sewer	Bridgette Adley	Jeff Appleton	5/6/2019		TRUE	customer said he has been waiting over a month for the city to blow out the clean-out valve but he is still having problems. He's plumber said it's a city sewer issue.		No							
									Will the sewer dept determine if it's a city issue or that of the customer.							3		
53676	Maton	1513 Orlando	670 Sewer	Bridgette Adley	Jeff Appleton	5/6/2019		TRUE	Sewer backup.	address is 513 // unblock c/o	No					1	9A	40
53666	Milton Kearney	1225 Ridge Avenue	670 Sewer	Milton Kearney	Jeff Appleton	5/6/2019 15:11		TRUE	Sewer backup.	no c/o ; main down	No					2	12	36
53669	Phillips	1745 Holly Ln	670 Sewer	Milton Kearney	Jeff Appleton	5/6/2019 15:16		TRUE	sewage stopped up - clean out on the side of home to the left	unblocked c/o	No					3	25	11 & 12
53679	Hood	1031 Cannon Street	670 Sewer	System Administrator	Jeff Appleton	5/6/2019 16:16		TRUE		clean out improper	No							
									sewerage overflowing in a man-made hole/ alley flood and sewerage coming back into house. Have called the sewer plant several times but no one has come out.									
53707	Mobley	444 S Cornell Avenue	670 Sewer	Bridgette Adley	Jeff Appleton	5/7/2019		TRUE	The manager would like a call back as to the status of the repair or replacement of the pumps- she has 120 residence who cant use the toilets. She needs to know when will repair be complete	unblocked c/o	No					1	20	27, 28, 56 & 96
53682	Cottonwood Apt	1462 s Colorado	670 Sewer	System Administrator	Jeff Appleton	5/7/2019 11:07		TRUE	Customer said the sewer is backing up and her toilets will not flush. A plumber was called and told her it was due to the manhole being full of water.	pump in shop	No					3		
53730	Milton	1226 Cotton	670 Sewer	Bridgette Adley	Jeff Appleton	5/8/2019		TRUE		mainline needs repairs	No					1		

U.S. DISTRICT COURT CIVIL ACTION NO. 15-cv-00919

Index	LastName	Address	Department	ReceivedBy	AssignedTo	DateEntered	DateDelivered	Closed	CustomerDescr	WorkDescr	sso	duration(hours) if sso	volume(gallons) if sso	waters	cause	group	minisystem	pump station
53746	Voss	635 Silver Street	670 Sewer	Bridgette Adley	Jeff Appleton	5/8/2019	5/10/2019	TRUE	sewer back up, front yard is flooded almost to the house. Clean out is in the front yard at the street.	Not sewer/ water leak	No					3	6	13 & 15
53749	Morris	420 S Hyman	670 Sewer	Milton Kearney	Jeff Appleton	5/8/2019 15:06	5/10/2019	TRUE	M/H up per caller	c/o down	No					1	19B	28
53750		Mill Rd.	670 Sewer	Milton Kearney	Jeff Appleton	5/8/2019 15:10	5/10/2019	TRUE	Sewer backup, public wks. St. dept	unblocked c/o	No					1	9A	40
53753	Watkins	1756 Northview Drive	670 Sewer	Milton Kearney	Jeff Appleton	5/8/2019 15:13		FALSE	Sewer blockage, c/o front		No					2	1	1
53754		1296 Waxhaw Drive	670 Sewer	Milton Kearney	Jeff Appleton	5/8/2019 15:15		FALSE	Dug-up materials from repair still in rear of yard, can remove		No					1	21A	29
53764	Citizen	Dunch Street	670 Sewer	System Administrator	Jeff Appleton	5/9/2019 9:25	5/10/2019	TRUE	turn pumps on	street flooding/ pumps are turned on	No					2		
53776		777 Kerry Street	670 Sewer	Felicia Wilkerson	Jeff Appleton	5/9/2019 10:52		FALSE	777 Kerry St. and Dublin Drainage stoppage		No					1	32B	20
53777		229 S Beauchamp	670 Sewer	Felicia Wilkerson	Jeff Appleton	5/9/2019 10:56		FALSE	229 S. Beauchamp Drainage stoppage		No					1	20	27, 28, 56 & 86
53778		23 Ridge Avenue	670 Sewer	Felicia Wilkerson	Jeff Appleton	5/9/2019 11:13		FALSE	235 Ridge Ave. Sewage backup		No					1		
53780	Furniss	500 Comfort Street	670 Sewer	Felicia Wilkerson	Jeff Appleton	5/9/2019 11:50		FALSE	509 Comfort St. Drainage stoppage		No					3		
53782		851 N Theobald	670 Sewer	Felicia Wilkerson	Jeff Appleton	5/9/2019 12:44		FALSE	Drainage stoppage and can not flush toilet		No					1	2	4, 5 & 72
53784	Cosie	305 Wawood Street	670 Sewer	Felicia Wilkerson	Jeff Appleton	5/9/2019 13:08		FALSE	Sewage backup		No					1	19B	28
53785		College & Hyman	670 Sewer	Felicia Wilkerson	Jeff Appleton	5/9/2019 13:09		FALSE	Collage Street and Hyman Drainage Stopped Up		No					1		
53788		615 Wilwood St.	670 Sewer	Milton Kearney	Jeff Appleton	5/9/2019 15:06		FALSE	Sink hole near service line, front near tree		No					1	27	71
									Sewage backup can not flush toilets									
53795	Jennings	1695 S David Circle	670 Sewer	Felicia Wilkerson	Jeff Appleton	5/10/2019 8:14		FALSE	Drainage top missing please replace		No					2	24	32 & 63
									every where in the city is dry except the Northview area. TURN THE PUMPS ON or do something they are flooded	Pumps are running	No				2	1	1	
53801	Jerry Duffin	1046 Duncan Drive	670 Sewer	System Administrator	Jeff Appleton	5/10/2019 8:48	5/15/2019	TRUE	Manhole top off in roadway	M/H top placed back on	No					1		
53805		Lester Dr @ Hwy 82E.	670 Sewer	Milton Kearney	Jeff Appleton	5/10/2019 9:05	5/15/2019	TRUE	Sewer backup in tub 3 toilets would not flush		No					2	21B	29
53811	Reedles	1457 E John Cove	670 Sewer	Felicia Wilkerson	Jeff Appleton	5/10/2019 10:09		FALSE	Sewage back up toilets will not flush		No					1	9A	40
53815	Wright	235 Ridge Avenue	670 Sewer	Felicia Wilkerson	Jeff Appleton	5/10/2019 11:27		FALSE	Drainage stopped up		No					3	4A	7
53819	Davis	722 Pecan Street	670 Sewer	Felicia Wilkerson	Jeff Appleton	5/10/2019 11:56		FALSE	Sewage backup in the tub		No					3	17	8 & 9
53820		517 Elizabeth St	670 Sewer	Bridgett Winters	Jeff Appleton	5/10/2019 12:38		FALSE	Sewage stopped up	unblocked c/o	No					3	16	64
53571	McClinton	817 Hishiscus Street	670 Sewer		Jeff Appleton	5/10/2019 12:56	5/10/2019	TRUE	Drainage stop up at the end of Dahl		No					3		
53823	McElvain	Dahlia Street	670 Sewer	Felicia Wilkerson	Jeff Appleton	5/10/2019 14:32		FALSE	turn the pumps on - sewage is slow draining		No					3		
53832	Bone	Cloverdale	670 Sewer	System Administrator	Jeff Appleton	5/11/2019 13:26		FALSE	sewer back up can not use toilets.	c/o is down	No					2	28A	53
53848	customer	583 Ash Cove	670 Sewer	Bridgette Adley	Jeff Appleton	5/13/2019	5/24/2019	TRUE										
									Sewer is backing up / top was taken off the clean-out then the problem started. Asking for the city to blow out the clean-out and replace the cap.	Unstopped c/o, system was up	No							
53850	customer	695 S Davis Cove	670 Sewer	Bridgette Adley	Jeff Appleton	5/13/2019	5/15/2019	TRUE	Customer complaining of raw sewerage in his front yard and over flowing into the street and then running into the sewer drain.	Manhole is down	No				3	20B	46 & 70	
53860	Carpenter	1325 Oxford Place	670 Sewer	Bridgette Adley	Jeff Appleton	5/13/2019	5/24/2019	TRUE	Sewer back up for a week, no assistance from the city.	Improper c/o / main down	No				1	9A	40	
53867	Reeves	235 Ridge Avenue	670 Sewer	Bridgette Adley	Jeff Appleton	5/13/2019	5/23/2019	TRUE	Sewer issue.	Unblock c/o	No				3	17	8 & 9	
53868	customer	517 Elizabeth Street	670 Sewer	Bridgette Adley	Jeff Appleton	5/13/2019	5/15/2019	TRUE		Unblocked c/o	No				2	23	34	
53872	Dumas	1245 John Street	670 Sewer	Bridgette Adley	Jeff Appleton	5/13/2019	5/23/2019	TRUE	Sewer block up.	Unblocked c/o	No				2	21B	29	
53884	Carpenter	1457 East John Cove	670 Sewer	Bridgette Adley	Jeff Appleton	5/13/2019	5/15/2019	TRUE	Customer states sewer back up can not use her toilets, ect.									
									Customer is requesting the Pump Station at 1739 May Street be checked, its not running and she is accustomed to hearing the pump come on and go off. She hasn't seen anyone check this pump station since the last rain.	Problem on P/O	No			1	32	21 & 22		
53888	Hoover	1739 May Street	670 Sewer	Bridgette Adley	Jeff Appleton	5/13/2019	5/15/2019	TRUE	customer states manhole overflowing and she can not flush her toilets.	Manhole down	No				1	27	71	
53895	customer	1849 Jacqueline Drive	670 Sewer	Bridgette Adley	Jeff Appleton	5/13/2019	5/24/2019	TRUE	Sewer backup	Unblocked c/o	No				3	22B	30	
53897		1288 Longview Drive	670 Sewer	Milton Kearney	Jeff Appleton	5/13/2019 7:26	5/15/2019	TRUE			No				1	32B	20	
53838		776 Kerry Street	670 Sewer	Milton Kearney	Jeff Appleton	5/13/2019 7:27	5/23/2019	TRUE	Sewer backup	Unblock c/o	No							
									call came in today- turn the pumps on water not leaving the area like it should- s/b/u	Lift station lost power.// resolved	No				3	28C	100	
53839	J Jones	1162 Cloverdale Drive	670 Sewer	System Administrator	Jeff Appleton	5/13/2019 7:59	5/23/2019	TRUE	this was Sunday- turn the pumps on please - s/b/u-	Lift station lost power/ all normal presently	No				3	28C	100	
53840	Citizen	1162 Cloverdale Drive	670 Sewer	System Administrator	Jeff Appleton	5/13/2019 8:01	5/24/2019	TRUE	this is s/b/u & flooding- called this weekend	No sewer issue.	No				1	9B	40	
53841	John Grant	448 Wetherbee Street	670 Sewer	System Administrator	Jeff Appleton	5/13/2019 8:03	5/24/2019	TRUE	mud in is stopping up drainage beside this residents house cause water to move back into her house, drain is directly in front of her house		No							
53846	Williams	517 Beedwith Street	670 Sewer	Kila Washington	Jeff Appleton	5/13/2019 8:45		FALSE	sewer blockage, c/o front	Lift station up	No				3	6	13 & 15	
53873		221 N Colorado	670 Sewer	Milton Kearney	Jeff Appleton	5/13/2019 13:22	5/24/2019	TRUE	sewer backup		No				1	18	28	
53876		1228 E Cotton Dr	670 Sewer	Milton Kearney	Jeff Appleton	5/13/2019 13:30		FALSE	Hole in rear, has been taking on dirt.		No				1	9A	40	
53878		240 Burmuda Dr	670 Sewer	Milton Kearney	Freddie Johnson	5/13/2019 13:33		FALSE	sewer back-up, c/o front	clean out is down	No				3	25	11 & 12	
53879	McElvain	945 Cedar Street	670 Sewer	Milton Kearney	Jeff Appleton	5/13/2019 13:34	6/3/2019	TRUE	sewer blockage	Unblocked c/o	No				2	23	34	
53889		1163 John Street	670 Sewer	Milton Kearney	Jeff Appleton	5/13/2019 14:56	5/23/2019	TRUE	sewer blockage/back-up, c/o rear	Unblock c/o	No				3	12	35	
53892		1793 E Azalea Dr.	670 Sewer	Milton Kearney	Jeff Appleton	5/13/2019 15:23	5/23/2019	TRUE										
									Customer said bebris is coming up through the kitchen sink at her business.	c/o is down, problem for repair is on P/O	No				2	5	14	
53904	Holmes	712 S Broadway Street	670 Sewer	Bridgette Adley	Jeff Appleton	5/14/2019	5/24/2019	TRUE	sewer issue.	Problem on P/O	No					2	23	34
53927	customer	Alexander Road	670 Sewer	Bridgette Adley	Jeff Appleton	5/14/2019	5/23/2019	TRUE	plumber called out and determined the sewer issues is on the city.	c/o is down	No				2	13	10	
53928		1289 Highway 1 S	670 Sewer	Bridgette Adley	Jeff Appleton	5/14/2019	5/23/2019	TRUE	Manhole overflowing in the street, flooding the neighborhood.	M/H is down	No				3			
53930	Sherdon Plumber	115 Robertshaw Street	670 Sewer	Bridgette Adley	Jeff Appleton	5/14/2019	5/23/2019	TRUE	Sewer back up, commodos barely flushing.	No c/o/ main down	No				2			
53932	customer	662 Penn Lane	670 Sewer	Bridgette Adley	Jeff Appleton	5/14/2019	6/3/2019	TRUE	Commodos will not flush.	Improper c/o/ main down	No				1	9A	40	
53950	Abney	526 Second Street	670 Sewer	Bridgette Adley	Jeff Appleton	5/15/2019	5/23/2019	TRUE	Manhole filled up - toilets slowly flushing.	Lift station up	No				2	26	GRAV	
53951	Reeves	235 Ridge Avenue	670 Sewer	Bridgette Adley	Jeff Appleton	5/15/2019	5/23/2019	TRUE	Sewage discharge in front a n behind house in alley	Unblocked c/o	No				1	20	27, 28, 56 & 86	
53957	Skyles	664 Tampa Drive	670 Sewer	Bridgette Adley	Jeff Appleton	5/15/2019 8:33	4/28/2019	TRUE	Sewer blockage, c/o rear. Allen plumbers; (Delta Events restaurant)	Problem on P/O. City side is down.	No				1			
53481		444 S Cornell	670 Sewer	Russell Reynolds	Jeff Appleton	5/15/2019 8:33	5/15/2019	TRUE	Sewer blockage; c/o in rear.	Unblocked c/o	No				1			
53938	Curtis	2524 E Alexander	670 Sewer	Milton Kearney	Jeff Appleton	5/15/2019 9:25	5/15/2019	TRUE	Sewer blockage; c/o front	Unblocked c/o	No				1	21A	29	
53945		285 Perlmonton St	670 Sewer	Milton Kearney	Jeff Appleton	5/15/2019 10:32	5/15/2019	TRUE	Sewer problems still	Improper c/o / main down	No				1	9A	40	
53946	Webster	1338 E John St	670 Sewer	Milton Kearney	Jeff Appleton	5/15/2019 10:53	5/15/2019	TRUE	sewer issue - toilets will not flush, on-going problem for over a month on the city side.		No				2	1	9A	
53947		1228 E. Cotton Dr.	670 Sewer	Milton Kearney	Jeff Appleton	5/15/2019 11:30		FALSE	Sewer blockage, c/o front.	No address	No				1			
53984	Reeves	235 Ridge Avenue	670 Sewer	Bridgette Adley	Jeff Appleton	5/16/2019	5/23/2019	TRUE	customer said he has been having sewage issue on his property for about a month, a plumber was called out and determine that the sewer line has collapsed.	Unblock c/o	No				3	12	35	
53966	Watkins	1756 Northview Dr	670 Sewer	Milton Kearney	Jeff Appleton	5/16/2019 7:27	5/16/2019	FALSE	Sewer backup, sewer running onto ground. c/o front.	Problem corrected	No				1	14	10	
53971	Washington	272 Orlando St	670 Sewer	Milton Kearney	Jeff Appleton	5/16/2019 10:25	5/28/2019	TRUE	customer said black slime is coming up into her bath tube.	No sewer problem	No				2	23	34	
									Plumber said the main sewer line has caved in.	No sewer problem	No				1	30	24, 56 & 94	
54000	Johnson	1793 E Azalea	670 Sewer	Bridgette Adley	Jeff Appleton	5/17/2019	5/23/2019	TRUE	Customer said that the plumber placed a flag in the yard where the problem is.	Unblocked c/o	No				2	22A	34	
54003	Motton	772 Orlando Street	670 Sewer	Bridgette Adley	Jeff Appleton	5/17/2019	5/24/2019	TRUE	sewer issue - toilet barely flushing, running back into toilet.	unBLOCK C/O	No				2	23	34	
54004	Cannon	1204 Lourdes Street	670 Sewer	Bridgette Adley	Jeff Appleton	5/17/2019	5/28/2019	TRUE	check man hole		No				3	12	35	
54006	Thomas	2409 E Alexander Street	670 Sewer	Bridgette Adley	Jeff Appleton	5/17/2019		FALSE	Sewer break-down in rear, p/o sewer backed-up, # 3 has checked and talked /w p/o.		No				1	9A	40	
									Sewer blockage, c/o located on left side, front.	Unblocked c/o	No				1	3C	55	
54017	Sutherland	1256 Groome Street	670 Sewer	Bridgette Adley	Jeff Appleton	5/17/2019	5/23/2019	TRUE	sewer issues - toilets want flush/ running back into bath tub. (. 583 Ash Cove)	c/o was down	No				2			
54022	Wilkins	1145 John Street	670 Sewer	Bridgette Adley	Jeff Appleton	5/17/2019 8:37	5/20/2019	FALSE	Sewer backup, can call please.	C/o needs repair	No				2	5	14	
53997	Drake	1793 E Azalea	670 Sewer	Bridgett Winters	Jeff Appleton	5/17/2019 8:26	5/23/2019	TRUE	Sewer coming up in bathtub, can check asap.	No sewer problem	No				2	23	34	
									Sewer backup, c/o front.	Unblocked m/h	No				1	27	71	
54028	Turner	1806 Lance Dr	670 Sewer	Milton Kearney	Jeff Appleton	5/20/2019 10:13	5/20/2019	TRUE	Sewer backing up into house, can check.	Unblock c/o	No				2	22A	34	
54030		1256 Groome St	670 Sewer	Milton Kearney	Jeff Appleton	5/20/2019 11:33	5/23/2019	TRUE	Contact person Cynthia Adams Sewage backup plummers says it is on the City.		No				2	24	32 & 63	
54031		1634 Highway 1 S	670 Sewer	Felicia Wilkerson	Jeff Appleton	5/20/2019 11:41		FALSE	Sewage running back into the bath tub and in the yard. Customer said she reported this issue 2 weeks ago, and hasn't seen or heard from anyone with the sewer department.		No				3	12	35	
54055	Thompson	1717 W Azalea	670 Sewer	Felicia Wilkerson	Jeff Appleton	5/20/2019 14:30		FALSE										
54072	McCoy	1115 Robertshaw Street	670 Sewer	Bridgette Adley	Jeff Appleton	5/21/2019	5/23/2019	TRUE		Unblocked c/o	No					3	13	10

CITY OF BIRMINGHAM CIVIL ACTION #15-cv-00619													Index	LastName	Address	Department	ReceivedBy	AssignedTo	DateEntered	DateDelivered	Closed	CustomerDescr	WorkDescr	ssd	duration(hours) if ssd	volume(gallons) if ssd	waters	cause	group	minisystem	pump station	
54074	Taylor	1153 Cloverdale Drive	670 Sewer	Bridgette Adley	Jeff Appleton	5/21/2019	TRUE	5/23/2019	TRUE	asking that the clean out near the street be roddeed out by the city.	lift station up / resolved	No										Unblocked c/o		No				3	28C	100		
54079	Gray	1236 Waxhaw Drive	670 Sewer	Bridgette Adley	Jeff Appleton	5/21/2019	TRUE	5/28/2019	TRUE	Sewer drain needs to be cleaned out, he has been waiting two weeks	Unblocked c/o	No										Unblocked c/o		No				2	21A	29		
54083	Wilson	1289 Highway 1 South	670 Sewer	Kyla Washington		5/21/2019	FALSE	5/21/2019 14:32	FALSE	raw sewage coming from a vacant building (old rooming house) next door to 726 South Delesseps.		No										Unblocked c/o		No				2	23	34		
54113	Curtis	726 S Dalesseps Street	670 Sewer	Bridgette Adley	Freddie Johnson	5/22/2019	FALSE	5/22/2019	FALSE	Sewer backup, c/o front.		No										Unblocked c/o		No				2	3C	55		
54102	Lawrence	222 E Moore St.	670 Sewer	Milton Kearney	Jeff Appleton	5/22/2019 13:02	TRUE	5/23/2019	TRUE	sewer backing up		No										ran c/o, line down		No				2	1	1		
54124	customer	1759 Northview Drive	670 Sewer	Bridgette Adley	Jeff Appleton	5/23/2019	TRUE	5/23/2019	TRUE	overflow of sewage from the clean out on the city side. Customer said the clean out is wide open without a cap to keep it close.		No										Unblocked THEIR C/O		No				3	14	10		
54138	Motton	513 Orlando Street	670 Sewer	Bridgette Adley	Jeff Appleton	5/23/2019	FALSE	5/23/2019	FALSE	sewer backup still, c/o front.		No										Unblocked THEIR C/O		No				2	24	32 & 63		
54115	Jennings	1695 S David Circle	670 Sewer	Milton Kearney	Jeff Appleton	5/23/2019 7:28	TRUE	5/23/2019	TRUE	Sewer back-up, c/o in rear, dog in rear , can call first.		No										Unblocked THEIR C/O		No				2	23	34		
54129	Wilkins	1145 John Street	670 Sewer	Milton Kearney	Jeff Appleton	5/23/2019 10:48	FALSE	5/23/2019 10:48	FALSE	Sewer backup, M/H up in yard per caller, c/o front.		No										Unblocked THEIR C/O		No				2	20	44 & 45		
54136	Oldernari	2546 N Sanullo Circle	670 Sewer	Milton Kearney	Jeff Appleton	5/23/2019 12:51	FALSE	5/23/2019 12:51	FALSE	Sewer backup, c/o rear?		No										Unblocked THEIR C/O		No				3	4A	7		
54183	Washington	451 McAllister Street	670 Sewer	Bridgette Adley	Jeff Appleton	5/24/2019	TRUE	5/31/2019	TRUE	sewer issue		No										no problem here		No				1		27, 28, 58 & 86		
54184	customer	2430 N Sanullo Circle	670 Sewer	Bridgette Adley	Jeff Appleton	5/24/2019	TRUE	5/28/2019	TRUE	sewer is overflowing from the clean at the street. Also, the clean out doesn't have a top to keep it close.		No										Ren c/o, cleared		No				1	20	27, 28, 58 & 86		
54185	Whitaker	925 Melvin Street	670 Sewer	Bridgette Adley	Jeff Appleton	5/24/2019	FALSE	5/24/2019	FALSE	sewer line collapsed on the city.		No										water leak		No				1	2	4, 5 & 72		
54188	Brown	1318 S Saint Joseph's Circle	670 Sewer	Bridgette Adley	Jeff Appleton	5/24/2019	TRUE	5/31/2019	TRUE	sewer line leaking, been complaining for 3 months or more.		No										Manhole down		No				3	22A	34		
54179	Whitley	2886 Champion Drive	670 Sewer	Milton Kearney	Jeff Appleton	5/24/2019 13:25	TRUE	5/31/2019	TRUE	Sewer manhole overflow, front.		No										Clean out complete // V G		No				2	26	44 & 45		
54180	Johnson	239 S. Broadway	670 Sewer	Milton Kearney	Jeff Appleton	5/24/2019 14:02	TRUE	5/24/2019 14:02	TRUE	Sewer backup, c/o front.		No										Break on service line; problem on P/O		No				3				
54200	Johnson	721 E Clay Street	670 Sewer	Bridgette Adley	Jeff Appleton	5/28/2019	TRUE	5/29/2019	TRUE	Customer complaining of a sewage leak at 331 South Hinds within the city line.		No										Water leak here		No				3	4A	7		
54210	Winston	331 S Hinds Street	670 Sewer	Bridgette Adley	Jeff Appleton	5/28/2019	TRUE	5/29/2019	TRUE	Customer said sewage is visible on the property.		No										Ren c/o, line clear		No				2	23	34		
54167	Benett	1148 Lourdes Street	670 Sewer	Milton Kearney	Jeff Appleton	5/28/2019 8:26	TRUE	5/24/2019	TRUE	Sewer blockage, c/ front.		No										Ren c/o, cleared		No				3				
54168	Boehs plumbers	1880 Fairgrounds Road	670 Sewer	Milton Kearney	Jeff Appleton	5/28/2019 8:27	TRUE	5/24/2019	TRUE	Sewer blockage, c/o front.		No										Line up, unblocked, did run c/o.		No				1	30	24, 58 & 94		
54194	Knight	327 Adrain Dr	670 Sewer	Milton Kearney	Jeff Appleton	5/28/2019 9:28	TRUE	5/28/2019 9:28	TRUE	Sewer backup, c/o rear?		No										Unblocked THEIR C/O		No				3	25	11 & 12		
54195	Matthews	921 Cedar St	670 Sewer	Milton Kearney	Jeff Appleton	5/28/2019 9:30	TRUE	5/28/2019 9:30	TRUE	Sewer backup, c/o?		No										Unblocked THEIR C/O		No				1	10	38		
54196	Parker	254 Teresa Drive	670 Sewer	Kyla Washington		5/28/2019 9:31	FALSE	5/28/2019 9:31	FALSE	Slow leak in front of home on city side. Also requests for a new trash can, current one has big hole in it		No										Water leak here		No				1	30	55		
54197	matthews	921 Cedar Street	670 Sewer	Bridgett Winters	Jeff Appleton	5/28/2019 9:32	FALSE	5/28/2019 9:32	FALSE	sewage stopped up near the street- c/o front.		No										Ren c/o, line clear		No				3	25	11 & 12		
54198		1228 E Cotton Dr	670 Sewer	Milton Kearney	Jeff Appleton	5/28/2019 9:33	FALSE	5/28/2019	FALSE	Repeatedly calls about sewer problem, cannot use facilities.		No										Ren c/o, cleared		No				1	9A	40		
54225	Mike Henery	262 wildwood	670 Sewer	Bridgett Winters	Jeff Appleton	5/28/2019 11:57	FALSE	5/28/2019 11:57	FALSE	Sewage still coming out of man hole		No										Unblocked THEIR C/O		No				1	27	41		
54226	ingram	527 Nelson	670 Sewer	Bridgett Winters	Jeff Appleton	5/28/2019 12:42	TRUE	5/29/2019	TRUE	Nelson & Sunflower near Mt Horeb church- sewage that smells on the street		No										Water leak here		No				1	30	55		
54246	Matthew	921 Cedar Street	670 Sewer	Felicia Wilkerson	Jeff Appleton	5/28/2019 15:52	FALSE	5/28/2019 15:52	FALSE	Sewage back up in the house		No										customer complaining of sewage leaking from line near th street at 1103 McAuthur.		No				3	25	11 & 12		
54264	Moore	1103 McArthur Street	670 Sewer	Bridgette Adley	Jeff Appleton	5/29/2019	TRUE	5/30/2019	TRUE	There is a foul smell.		No										water leak not sewer discharge		No				1	9A	40		
54274	Kearney	925 Melvin St	670 Sewer	Milton Kearney	Freddie Johnson	5/29/2019	FALSE	5/29/2019	FALSE	Sewer failure, sinkhole, front.		No										Unblocked THEIR C/O		No				1	2	4, 5 & 72		
54250	Acoff	635 Carson Street	670 Sewer	Bridgett Winters	Jeff Appleton	5/29/2019 8:45	TRUE	5/31/2019	TRUE	amos dug her front yard and now when has sewage and water in her bathtub - toilet will not flush		No										no c/o here		No				1	14	10		
54254	Whitley	511 McAllister Street	670 Sewer	Bridgett Winters	Jeff Appleton	5/29/2019 9:39	TRUE	5/31/2019	TRUE	sewage stopped up		No										City side down, problem on P/O. /N G		No				2	13	10		
54266	Moore	3538 Forest Drive	670 Sewer	Milton Kearney	Jeff Appleton	5/29/2019 12:40	FALSE	5/29/2019 12:40	FALSE	Sewer backup, c/o front.		No										City side down, problem on P/O. /N G		No				1	30	24, 58 & 94		
54268	Brown	729 E Clay St	670 Sewer	Milton Kearney	Jeff Appleton	5/29/2019 12:45	TRUE	5/29/2019 12:45	TRUE	Sewer backup, c/o side.		No										City side down, no problem there		No				3				
54306	Matthews	921 Cedar Street	670 Sewer	Bridgette Adley	Jeff Appleton	5/30/2019	TRUE	6/3/2019	TRUE	Customer walked in to complain about a sewer issue that has been reported at least 11 times to the city. Customer said he called out a plumberthis morning, who was able to rod out from the house to the street but there is a blockage in the line.		No										City side down. //K D		No				3	25	11 & 12		
54314	Fullerton	513 Orlando Street	670 Sewer	Bridgette Adley	Jeff Appleton	5/30/2019	FALSE	5/31/2019	FALSE	Plumber said the sewer is stopped up at the street, asking for immediate assistance from the city.		No										no one home /N G		No				3	14	10		
54282	Arrington	357 Mulberry Street	670 Sewer	Bridgett Winters	Jeff Appleton	5/30/2019 10:14	TRUE	5/31/2019	TRUE	foul sewage smell in her home		No										no one home /N G		No				1	30	24, 58 & 94		
54298		444 Joann Circle	670 Sewer	Russell Reynolds	Jeff Appleton	5/30/2019 11:58	FALSE	5/30/2019 11:58	FALSE	trash truck broke cleanout by st. also sewer failure at manhole		No										City side down, problem on P/O. /N G		No				1	10	38		
54304	Wilkins	1145 John Street	670 Sewer	Bridgett Winters	Jeff Appleton	5/30/2019 13:59	FALSE	5/30/2019 13:59	FALSE	city came to her home this week- on yesterday she waited- sewage backing up- DOG IN THE BACK YARD- she will be there all day today.		No										Unblock c/o		No				2	23	34		
54307	DRMC- PAUL DILLON	302 McAllister	670 Sewer	Bridgett Winters	Jeff Appleton	5/30/2019 14:35	TRUE	6/3/2019	TRUE	sewage stopped up - blow the line		No										Customer said sewer line is stopped up at the street and sewage is running into the street. She has called a plumber to rod the line and was told the problem is on the city.		No				1				
54318	Juitt	1248 Groome Street	670 Sewer	Bridgette Adley	Jeff Appleton	5/31/2019	FALSE	5/31/2019	FALSE	customer said the sewer line continues to back up at the street, this has been going on for several months.		No											No					2	22A	34		
54351	Lewis	41 Abide Drive	670 Sewer	Bridgette Adley	Jeff Appleton	5/31/2019	FALSE	5/31/2019	FALSE	He called a plumber and was told the issue is at the street. He has called the actionline several times but nothing has happened. He came into the office this afternoon hoping to get assistance from the city sewer department.		No										Unblocked c/o		No				3	28B	46 & 70		
54319	Drewitt	1248 Groome Street	670 Sewer	Milton Kearney	Jeff Appleton	5/31/2019 8:38	TRUE	5/31/2019	TRUE	Sewer backup, c/o front rear meter.		No										Problem on P/O		No				2	22A	34		
54327	Jo Inson	674 W McCorle Circle	670 Sewer	Milton Kearney	Jeff Appleton	5/31/2019 9:59	TRUE	5/31/2019 9:59	TRUE	Sewer backup, c/o front.		No										Problem on P/O		No				3				
54331	T Phillips	835 Highway 1 S	670 Sewer	Bridgett Winters	Jeff Appleton	5/31/2019 10:43	TRUE	6/3/2019	TRUE	sewage backing up		No										owner issue - b-winters/vg-6/10/19		No				3	4A	7		
54392	customer	506 S Hinds Street	670 Sewer	Bridgette Adley	Jeff Appleton	6/3/2019	TRUE	6/10/2019	TRUE	sewer issue / sewage present.		No										clean out was improper but we ran it and got it down -KD-b-winters		No				3	19A	28		
54357	Brently	867 Hart Drive	670 Sewer	Milton Kearney	Jeff Appleton	6/3/2019 8:12	TRUE	6/3/2019	TRUE	Sewer backup, c/o?		No										everything was clear on the city side -KD-b-winters		No				3	21	21 & 22		
54368	Willie Jackson	1259 Belfast Street	670 Sewer	Bridgett Winters	Jeff Appleton	6/3/2019 10:07	TRUE	6/10/2019	TRUE	clean out in front and rear-please blow out his line -s/b/u		No										water leak-b-winters-vg-6/10/19		No				1	18B	28		
54420	customer	1910 Spruce Street	670 Sewer	Bridgette Adley	Jeff Appleton	6/4/2019	TRUE	6/4/2019	TRUE	Sewer issue / sewage backing up in the line.		No										problem on home owner -b-winters-vg-6/10/19		No				3	16	84		
54415		212 S 6th St	670 Sewer	Milton Kearney	Jeff Appleton	6/4/2019 11:45	TRUE	6/4/2019 11:45	TRUE	Sewer issue		No										problem on home owner-b-winters/vg-6/10/19		No				1	32	21 & 22		
54432	Washington	1260 Belfast Street	670 Sewer	Milton Kearney	Jeff Appleton	6/4/2019 14:48	TRUE	6/4/2019 14:48	TRUE	Sewer backup, c/o front?		No										city side down=b-winters-vg-6/10/19		No				1				
54442		210 S Cornell	670 Sewer	Milton Kearney	Jeff Appleton	6/5/2019 8:29	TRUE	6/5/2019	TRUE	Sewer backup, c/o front		No												No								
54444	Ronnie Washington	1016 Duncan Drive	670 Sewer	Bridgett Winters	Jeff Appleton	6/5/2019 8:48	TRUE	6/5/2019 8:48	TRUE	Citizen complaints about sewer bagging into house. Sewer department when out and evaluated the problem and got the line down.. In the process of cleaning it out we notice that she had an improper clean out. Door knocker was left. Bridgett I need you to enter this in the database so they can close it out...		No										got city side down -b-winters-vg-6/10/2019		No				2	1	1		
54468	McCuller	432 East Alexander Street	670 Sewer	Bridgett Winters	Jeff Appleton	6/5/2019 16:32	TRUE	6/5/2019 16:32	TRUE	washington machine water is making sewage water come back into the bath tub-city issue- leave a door knocker please - clean out near the tree and one on the side of the house		No																				

U.S. DISTRICT COURT CIVIL ACTION NO. 1:15-cv-00919													WorkDescr	ssso	duration(hours) if ssso	volume(gallons) if ssso	waters	cause	group	minisystem	pump station
54528	Robinson	1941 Sycamore Street	670 Sewer	Bridgett Winters	Jeff Appleton	6/10/2019 9:20	6/10/2019	TRUE	s/b/u	clean out improper. It's at the far back of the property and it's a inch and 1/2 line can not run it- bwinters	No				1	198	28				
54557	Hunley	1433 East John Cove	670 Sewer	Bridgett Winters	Jeff Appleton	6/10/2019 10:09	6/5/2019	TRUE	Sewer backup, c/o front	city side down -vg-bwinters-6/10/19- clean out down but still backed up due to man hole being blocked - vg-bwinters	No				2	21B	29				
54447		1228 E cotton dr	670 Sewer	Bridgett Winters	Jeff Appleton	6/10/2019 10:11	6/5/2019	TRUE	Severe sewer issues, can offer any relief.	6/10/19 already down vg-bwinters-6/10/19	No				1	9A	40				
54446	Drake	583 Ash Cove	670 Sewer	Bridgett Winters	Jeff Appleton	6/10/2019 10:13	6/5/2019	TRUE	Sewer backup, c/o front near street- Drake Plumbing	water leak not a sewer issue - bwinters-vg- 6/10/19	No				3	28A	53				
54443	Acoff	635 Carson Street	670 Sewer	Bridgett Winters	Jeff Appleton	6/10/2019 10:14	6/5/2019	TRUE	Sewer issue, need to talk with	residence owner issue not a city issue-bwinters-vg	No				1	30	24, 56 & 94				
54416	Bruce	350 Stockton Drive	670 Sewer	Bridgett Winters	Jeff Appleton	6/10/2019 10:18	6/4/2019	TRUE	Sewer backup, c/o rear.		No										
54425	Parnell	727 Dalliva Drive	670 Sewer	Bridgett Winters	Jeff Appleton	6/10/2019 10:21	6/4/2019	TRUE	Sewer in at ditch at front of her home. Ditch also needs to be cleaned-out.	she don't have a front ditch of her home-bwinters-vg-6/10/19 didn't see any sewage in ditch. Ditch was a little damp but no standing water-KD-bwinters-6/10/19	No				1	8	17				
54409	Miller	2617 Airdale Drive	670 Sewer	Bridgett Winters	Jeff Appleton	6/10/2019 10:22	6/4/2019	TRUE	Sewer coming out at ditch, front.	water leak-KD-bwinters-6/10/19	No				2	1	1				
54387	Lee	619 Carson St	670 Sewer	Bridgett Winters	Jeff Appleton	6/10/2019 11:43	6/3/2019	TRUE	Sewer discharge at ditch, front, site is near Coleman School, can check.		No				3	14	10				
54546	Citizen	635 Carson Street	670 Sewer	Bridgett Winters	Jeff Appleton	6/10/2019 12:02		FALSE	Atmos dug up her yard now she has sewer problems. How are these complaints handled		No				3	14	10				
54578	marshall	827 Abide Road	670 Sewer	Bridgett Winters	Jeff Appleton	6/11/2019 9:47	6/12/2019	FALSE	drains stopped - storm drains need to be cleaned-near cattle gap		No				2						
54650	Lee	619 Carson Street	670 Sewer	Bridgett Winters	Jeff Appleton	6/12/2019	6/12/2019	FALSE	Sewer discharging out into ditch, front at street, can check.		No				3	14	10				
54705	Hemphill	1068 S Colorado Street	670 Sewer	Bridgette Adley	Jeff Appleton	6/13/2019	6/20/2019	TRUE	sewage backing up	no clean out VG-BWINTERS	No				3	22A	34				
54707	Williams	631 W McCorkle Circle	670 Sewer	Bridgette Adley	Jeff Appleton	6/13/2019	6/13/2019	TRUE	customer has sewage running from her clean out onto the street, down to 639 West McCorkel Customer at 639 claim this is not water it is sewage.	not sewer water leak JA-	No				1	20	27, 28, 58 & 86				
54663	Grant	867 Hart Drive	670 Sewer	Milton Kearney	Jeff Appleton	6/13/2019 8:41	6/13/2019	FALSE	Sewer backup, caller thinks line is broken at tie in on City, c/o front.		No				3	19A	28				
54688	Ronnie Washington	1793 E Azalea Circle	670 Sewer	Bridgett Winters	Jeff Appleton	6/13/2019 11:54		FALSE	sewer failure		No				3	12	35				
54713	McWilliams	295 N Beauchamp Avenue	670 Sewer	Bridgett Winters	Jeff Appleton	6/13/2019 15:44	6/20/2019	TRUE	s/b/u backing up badly in the home	NO CLEAN OUT VG-BWINTERS	No				1	30	24, 56 & 94				
54730	Jerry Drayton	1029 Duncan Drive	670 Sewer	Bridgett Winters	Jeff Appleton	6/14/2019 10:16		FALSE	pump across the street is smoking the neighborhood out really badly 6/2/2019		No				2	1	1				
54765	Prewitt	157 oak drive	670 Sewer	Bridgette Adley	Jeff Appleton	6/17/2019	6/19/2019	TRUE	Sewer issue at the Refuge Church/ problem at the street.	city side down - improper clean out-BG-BWINTERS-VG	No				3	22B	30				
54774	Tharp	1269 Garden Drive	670 Sewer	Bridgette Adley	Jeff Appleton	6/17/2019 7:47	6/10/2019	TRUE	Sewer backup, apartment building there	repaired // W E	No				1						
54531		North St & Ohea St	670 Sewer	Milton Kearney	Jeff Appleton	6/17/2019 7:47	6/19/2019	TRUE	s/b/u toilet overflowed- she saw a city truck behind them, she wants to know if they caused the problem.	City side down problem on home owner -VG	No				1	27	53				
54753	Drakes Plumbing	111 Bayou Road	670 Sewer	Bridgett Winters	Jeff Appleton	6/17/2019 11:06		FALSE	sewage water coming up out of the hole in the street - plug up the hole- odor is horrible, she has put some dirt on it		No				2	8	17				
54755	Smith	611 Phelps Street	670 Sewer	Bridgett Winters	Jeff Appleton	6/17/2019 11:10		FALSE	Sewer backup, c/o front near house, can check to see if problem is on them or City before they contact plumber.	PROBLEM ON HOMEOWNER-BWINTERS- VG	No				2	21A	29				
54767		1254 E John St.	670 Sewer	Milton Kearney	Jeff Appleton	6/17/2019 14:28	6/17/2019	TRUE	City need to come out and see if they connected our drain back to main city drain.		No				1	12	36				
54768	Clover	273 Clover Circle	670 Sewer	Felicia Wilkerson	Jeff Appleton	6/17/2019 14:28		FALSE	sink hole in back yard since 1996- please define the problem and leave a door knocker or call her- she keeps fling up with dirt when she can		No				1	12	36				
54781	Bianio	201 Bermuda Drive	670 Sewer	Bridgett Winters	Jeff Appleton	6/18/2019 11:36		FALSE	Sewer backup, c/o rear, can check when p/o is present, after 1:00 pm., weekdays. // maybe m/h is in rear yard.		No				3	22A	34				
54791	Hemphill	1068 S Colorado Street	670 Sewer	Milton Kearney	Jeff Appleton	6/18/2019 14:32	6/18/2019	TRUE	Sewer backup, c/o front.	CITY SIDE DOWN / IMPROPER CLEAN OUT -BWINTERS-VG	No				3	22A	34				
54572	Williams	2515 N Sarullo Circle	670 Sewer	Bridgett Winters	Jeff Appleton	6/19/2019 16:53	6/11/2019	TRUE	Sewer backup, c/o rear.	CITY SIDE DOWN-BWINTERS/VG	No				1	20	27, 28, 58 & 86				
54539	Johnson	674 W McCorkle Cir	670 Sewer	Bridgett Winters	Jeff Appleton	6/19/2019 16:54	6/10/2019	TRUE	Sewer backup, house with red front door.	CITY CLEANOUT WAS PROBLEM ON HOME OWNER-BWINTERS-KD	No				1	20	27, 28, 58 & 86				
54517	Robinson	562 Catley Street	670 Sewer	Bridgett Winters	Jeff Appleton	6/19/2019 16:55		FALSE	Sewer backup, c/o at corner	WATER LEAK AT THE CORNER OF THE STREET-BWINTERS-6/19/19	No				1	3B	55				
54834	creative Automotive	2347 Paradise lane	670 Sewer	Bridgett Winters	Jeff Appleton	6/20/2019 9:34	6/25/2019	TRUE	toilets and sinks backing up	c/o down, main down // VG	No				3						
54836	Coleman	2200 White Oak Dr	670 Sewer	Milton Kearney	Jeff Appleton	6/20/2019 9:49	6/20/2019	TRUE	Sewer discharge into street/ manholes.	c/o manhole discharge, problem resolved // J Mc	No				3						
54838	specialized auto glass	2348 paradise	670 Sewer	Bridgett Winters	Jeff Appleton	6/20/2019 10:24		FALSE	every since we moved the bypass pump and it rains they have sewage issues, please come over there		No				3						
54552	Smith	720 Carver Circle	670 Sewer	Bridgett Winters	Jeff Appleton	6/20/2019 16:10	6/10/2019	TRUE	Sewer backup, c/o front side.	city side down- bwinters-vg	No				1	2	4, 5 & 72				
54861	Washington	1647 Northview Drive	670 Sewer	Freddie Johnson	Jeff Appleton	6/21/2019	6/21/2019	FALSE	Sewer failure, front.	c/o is down // VG	No				2	1	1				
54857	Washington	1949 E Alexander Street	670 Sewer	Milton Kearney	Jeff Appleton	6/21/2019 8:57	6/21/2019	TRUE	Sewer coming from c/o (rear), Emergency per R. Washington.		No				1	19B	28				
54867		1402 Ollie Circle	670 Sewer	Milton Kearney	Jeff Appleton	6/21/2019 11:42	6/21/2019	TRUE	Sewer backup, c/o? East or West????	c/o broken down, problem on P/O // J Mc	No				2	23	34				
54903	Baloni	201 Bermuda Drive	670 Sewer	Bridgett Winters	Jeff Appleton	6/24/2019 10:22		FALSE	fill sink hole 2nd- hole is getting deeper- back yard near the fence - clean out plug is there		No				1	12	36				
54906	Grant	867 Hart Drive	670 Sewer	Milton Kearney	Jeff Appleton	6/24/2019 10:26	6/24/2019	TRUE	Sewer backup, c/o?	plumber corrected problem; but does have improper c/o	No				3	19A	28				
54907		3112 E Alexander Street	670 Sewer	Milton Kearney	Jeff Appleton	6/24/2019 10:30	6/24/2019	TRUE	Hole in yard, checked last November,were to dig, no one has been back.	hole needs to be backfilled// VG	No				1	30	24, 56 & 94				
54909	CA Technology	2347 paradise lane	670 Sewer	Bridgett Winters	Jeff Appleton	6/24/2019 10:47	6/25/2019	TRUE	s/b/u - everytime it rains	system surcharged // VG	No				3						
54917	Executive Inn	617 McAllister	670 Sewer	Bridgett Winters	Jeff Appleton	6/24/2019 12:15		FALSE	Sewer backup, c/o?	c/o rear is down, problem on P/O	No				3						
54919		635 E Stirling Street	670 Sewer	Milton Kearney	Jeff Appleton	6/24/2019 12:56	6/24/2019	TRUE	Sewer backup, c/o?	system surcharged // VG	No				2	15	10				
54924	Specialized Auto Glass	paradise lane	670 Sewer	Bridgett Winters	Jeff Appleton	6/24/2019 13:52	6/25/2019	TRUE	small hole she sat a rocking chair on top of the hole- why is the hole getting deeper- problem since 1996- come back OR PLEASE CALL HER- multiple complaints- call her 820-3949		No				3						
54925	Bianoi	201 Bermuda Drive	670 Sewer	Bridgett Winters	Jeff Appleton	6/24/2019 13:35		FALSE	s/b/u/l - c/o rear.	Improper c/o, Problem on P/O // VG	No				1	12	36				
54939	Cope	929 McAllister Street	670 Sewer	Milton Kearney	Jeff Appleton	6/25/2019 8:46	6/25/2019	TRUE	either the sewer or water line is leaking in the same location as before, please repair		No				3	13	10				
54946	Beck	722 Phelps Street	670 Sewer	Bridgett Winters	Jeff Appleton	6/25/2019 9:46		FALSE	s/b/u- c/o rear yard		No				2	7	16				
54948	price	1144 Margaret Blvd	670 Sewer	Bridgett Winters	Jeff Appleton	6/25/2019 9:59	6/28/2019	TRUE	Sewer backup, c/o rear	ran line, got it down // VG	No				2	23	34				
54866	Hawkins	935 Dalliva Drive	670 Sewer	Milton Kearney	Jeff Appleton	6/25/2019 10:14	6/21/2019	TRUE	Sewer backup, c/o front.	unblocked line // J Mc	No				2	34					
54823	Clark	415 Valliant Street	670 Sewer	Milton Kearney	Jeff Appleton	6/25/2019 10:21	6/19/2019	TRUE	Sewer backup, c/o front. Can call when going .	City side down, problem on P/O // VG	No				3	4A	7				
54957	Jason	350 Belhaven Street	670 Sewer	Milton Kearney	Jeff Appleton	6/25/2019 12:50	6/25/2019	TRUE	Sewer backup, c/o?	plumber got line down VG	No				1	30	24, 56 & 94				
54962	Drakes Plumbing	271 Reed Road	670 Sewer	Bridgett Winters	Jeff Appleton	6/25/2019 14:49	6/28/2019	TRUE	Drakes roddeed it out- the pump is not on in the rear	pump down, pump back on line	No				1						
54988	Lavers	225 White Oak	670 Sewer	Bridgette Adley	Jeff Appleton	6/26/2019	7/2/2019	TRUE	sewage back - up at home.	Got c/o down V. C.	No				3						
54991	customer	635 Carson Street	670 Sewer	Bridgette Adley	Jeff Appleton	6/26/2019		FALSE	s/wer issue - back up		No				3	14	10				
54976	Powell	2440 Naples Street	670 Sewer	Bridgett Winters	Jeff Appleton	6/26/2019 8:22	6/28/2019	TRUE	s/b/u - clean out full of stuff- cant flush-its not raining but shes still stopped up	c/o down // VG	No				1	20	27, 28, 58 & 86				
54990	acoc	635 Carson Street	670 Sewer	Bridgett Winters	Jeff Appleton	6/26/2019 11:50		FALSE	sewage and water backing into the tubs- toilets are fusing		No				3	14	10				
55002	KDH-CURTIS RAY	300 S Washington	670 Sewer	Bridgett Winters	Jeff Appleton	6/26/2019 15:28		FALSE	sewer stopped up again- Jeff said its normally the hand towels		No				1						
									abandoned house next door smells like gas- we worked in the area now you can see a large hole that smells of gas-she says it was the city doing the work- i advised her to call Atmos about the gas smell but she is tired of being put on hole												
55004	Woodard	427 Kentucky Street	670 Sewer	Bridgett Winters	Jeff Appleton	6/26/2019 15:55		FALSE	s/b/u - 2 BIG SINK HOLES IN AREA	c/o's down, problem on P/O // VG	No				1	19B	28				
55037	ALICIA ATKINS	431 STEBBINS Street	670 Sewer	Bridgett Winters	Jeff Appleton	6/27/2019 14:02	6/28/2019	TRUE	Sewer backup, c/o?	problem on home owner V. G.	No				3	9B	40				
55044	atkins	431 Stebbins Street	670 Sewer	Bridgett Winters	Jeff Appleton	6/27/2019 16:10	7/2/2019	TRUE	s/b/u - sewage stopped up	homeowner does not have any restrictions his/ her complaint is sewer spewing up in back yard on property owner V. G.	No				3						
55051	Citizen	1144 Margaret Blvd	670 Sewer	Bridgett Winters	Jeff Appleton	6/28/2019 11:13	7/2/2019	TRUE	s/b/u - did you all make the repair in the neighbors yard where the problem is located?		No				2	23	34				
55167	customer	Jacqueline Drive & Wildwood Road	670 Sewer	Bridgette Adley	Jeff Appleton	4/16/2019		FALSE	Customer stated the manhole is overflowing and her toilets will not flush.						1						
55338	Nelson	611 E Waltrial	670 Sewer	Felicia Wilkerson	Jeff Appleton	4/30/2019 15:32		FALSE	Sewer backup coming up in the sink.						3	6	13 & 15				

APPENDIX C

CITY OF GREENVILLE LETTER TO MDEQ (MAY 29, 2019)

City of Greenville, Mississippi

City Council

Errick D. Simmons
Mayor



Office of the Mayor

Al Brock, Ward 1
Lois Hawkins, Ward 2
Bill Boykin, Ward 3
Lurann Thomas, Ward 4
Tasha Banks, Ward 5
James Wilson, Ward 6

340 Main Street • P.O. Box 897 • Greenville, MS 38701 • Telephone: 662-378-1501 • Facsimile: 662-378-0276 • Email: edsimmons@greenvillems.org

May 29, 2019

TRANSMITTED VIA U.S. MAIL & EMAIL (dschober@mdeq.ms.gov)

Ms. Diane Schober
OPC-ECED-Municipal Branch
Mississippi Department of Environmental Quality
P.O. Box 2261
Jackson, Mississippi 39225-2261

RE: City of Greenville, MS Permit No. MS0020184; Condition No. T-28

Dear Ms. Schober:

We are sending this correspondence to formally notify MDEQ per the requirements of our Water Pollution Control Permit that our facility is out of compliance regarding Condition No. T-28, Proper Operation, Maintenance and Replacement at the facility. We are currently transitioning from private operations of our facility back to the public sector.

History

In October of 2016 the City of Greenville hired ClearWater Solutions to operate and maintain our wastewater treatment plant (WWTP) along with other divisions of the City. Effective March 15, 2019 the City Council voted to terminate Greenville's agreement with ClearWater. We have hired Manchac Management Services, LLC (Manchac) and WL Burle Engineers to assist us with the proper operation and maintenance of our WWTP.

During the time frame between October 2016 and March 2019 the number of employees at the WWTP was drastically reduced by eight positions not leaving enough operations and maintenance staff at the plant. Manchac is currently providing a Class IV operator at the plant along with engineering support personnel to assess the condition of the facility, assist us in hiring personnel to fill the vacant positions and provide training to the staff currently at the plant.

During the last several months since Manchac has been at the plant numerous deficiencies have been discovered and brought to the City's attention. We are listing the known deficiencies below along with what our current plans are to remedy the situation.

Condition T-28 is copied below for your ease of reference:

T-28 Proper Operation, Maintenance and Replacement

The permittee shall at all times properly operate, maintain, and when necessary, promptly replace all facilities and systems of collection, treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance includes adequate laboratory controls and appropriate quality assurance procedures. Proper replacement includes maintaining an adequate inventory of replacement equipment and parts for prompt replacement when necessary to maintain continuous collection and treatment of wastewater. This provision requires the operation of back-up or auxiliary facilities or similar systems that are installed by a permittee only when the operation is necessary to achieve compliance with the conditions of the permit. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(18).]

Influent Pump Station

Flow to the Greenville WWTP is delivered via two force mains and a deep gravity sewer. The sewage from the gravity sewer must be pumped into the treatment train. There should be three pumps in service at this in-plant lift station. Currently we have two operational pumps, one of which needs servicing. We are in the process of getting quotes to service the malfunctioning pump and procuring and installing a third pump.

Screenings and Grit Removal

The plant does not currently have functioning screening or grit removal at the headworks. WL Burle Engineers has designed a rehabilitation project for the WWTP to include an upgraded screening and grit removal system. The plans and specifications for this project have been submitted to MDEQ for approval. Upon approval by MDEQ we are ready to advertise for bids. Funding for this project is being provided by MDEQ's SRF program.

Activated Sludge System

The six centrifugal blowers that provide the air (oxygen) needed to maintain the treatment process have not been maintained properly. We hired a contractor May 22, 2019 to evaluate the blowers and return them to service.

Over the last several years, without a functioning grit removal system the aeration basins have accumulated a lot of sand and debris. As part of the screening and grit removal project mentioned above the aeration basins will be cleaned out. Once the basins are cleaned and dewatered we will evaluate the aeration diffusers and decide regarding repair and/or replacement of the diffusers. At the same time, we will evaluate all the aeration system piping and valving to ensure that it is functional.

There is a coarse bar screen in place at the influent channel of the aeration basin. The screen has been out of service and the contractor hired to repair the blowers is also repairing the bar screen.

Aerobic Digesters

The aerobic digesters are currently out of service. The tanks are full of sand, sludge and debris. We are currently preparing a plan that will address the most economical manner to return the tanks to service.

Final Clarifiers

Due to the lack of screenings, grit and sludge removal at the WWTP, the clarifiers are full of sand, sludge and debris. All four clarifier drives are in over torque. As part of the same project mentioned above the

clarifiers will be cleaned, repaired and returned to service. We are not able to dewater the clarifiers until the Mississippi River level gets well below flood stage. Currently, we have been above flood stage for over one hundred (100) days, which is a record period. This condition is not expected to start to improve for approximately thirty (30) days. If the units were dewatered now, the hydrostatic pressure would blow the clarifiers out of the ground.

UV Disinfection System

The UV system at the treatment plant has not been maintained properly. A technician from Trojan Technologies (equipment manufacturer) was at the WWTP Tuesday, May 21st and indicated to operations staff that the system will have to be rebuilt. We are awaiting a report from Trojan outlining what needs to be done and what the costs are. This system has been damaged by sand, rags and debris because we do not have a functional screening and grit removal system.

Interim Disinfection

The UV system will be removed from service until that time it can be repaired, and the new screening and grit removal system is constructed. In the interim, we are proposing to use chlorine as the disinfecting agent. The outfall line from the plant to the Mississippi River is approximately 9,820 feet long and 36-inches in diameter. Our calculations indicate that we should be able to achieve more than 30 minutes of detention time at the current permitted flow of 20 MGD. We will sample for Fecal Coliform at a point near the end of the outfall line close to the River.

Final Effluent Pump Station

The WWTP has three final effluent pumps that pump the treated effluent to the river through a 36-inch diameter pipe. The distance from the pump station to the river is approximately 2 miles. Two of the three pumps are operational; the third pump needs new gland packing for the seal water lubrication system.

Return and Waste Activated Sludge Pumps

The treatment plant was designed with three return activated sludge (RAS) pumps. Currently only one of the pumps is operational but has a bad seal. We will return two of the pumps to service as soon as possible.

The plant is equipped with three positive displacement (PD) waste activated sludge (WAS) pumps. These pumps will have to be inspected by a PD pump technician before a determination is made as to whether they will have to be replaced or if they can be repaired.

Sludge Dewatering Building

We are in the process of obtaining the services of the belt filter press manufacturer to assess the equipment as it has been out of service for several years.

Sludge Lagoons

The WWTP has three (3) sludge lagoons for storage of waste activated sludge. They need cleaning (dredging). Our goal is to return the belt filter press to operation but in the interim we are planning to do some work at the middle lagoon to create some capacity, so the sludge can be temporarily stored in the lagoon. Please see the attached aerial views of the WWTP and sludge lagoons.

Laboratory and Influent/Effluent Sampling

Manchac will be providing a complete inventory of our laboratory and check the functionality of our laboratory equipment. Once this task is completed we will procure the equipment that we need to have a fully functional lab. We will be hiring a full-time lab technician as soon as possible; we will be advertising for the position.

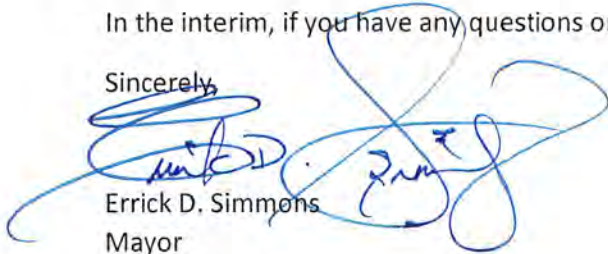
Staffing

Please find attached our organizational chart for the WWTP. Since the termination of ClearWater's contract we have filled the superintendent position on an interim basis utilizing the services of Manchac. We have also transferred one employee from another division in the City to the WWTP to serve as a maintenance technician and we have recently hired an additional operator assistant. One of our current employees, Jesse Ross took the Class IV exam this week. We will fill the balance of the vacant positions as soon as qualified candidates can be located and agree to the terms and conditions of employment with the City of Greenville.

As you can gather, our WWTP needs a lot of work and it will take a considerable amount of money and time to address these issues. We are planning to utilize in-house staff for some of the work to the maximum extent possible to cut down on costs associated with hiring outside contractors. We are diligently working to address these issues and return the WWTP to a fully functional system. Our intent is to keep MDEQ updated at regular intervals as to our progress.

In the interim, if you have any questions or concerns please do not hesitate to contact me.

Sincerely,

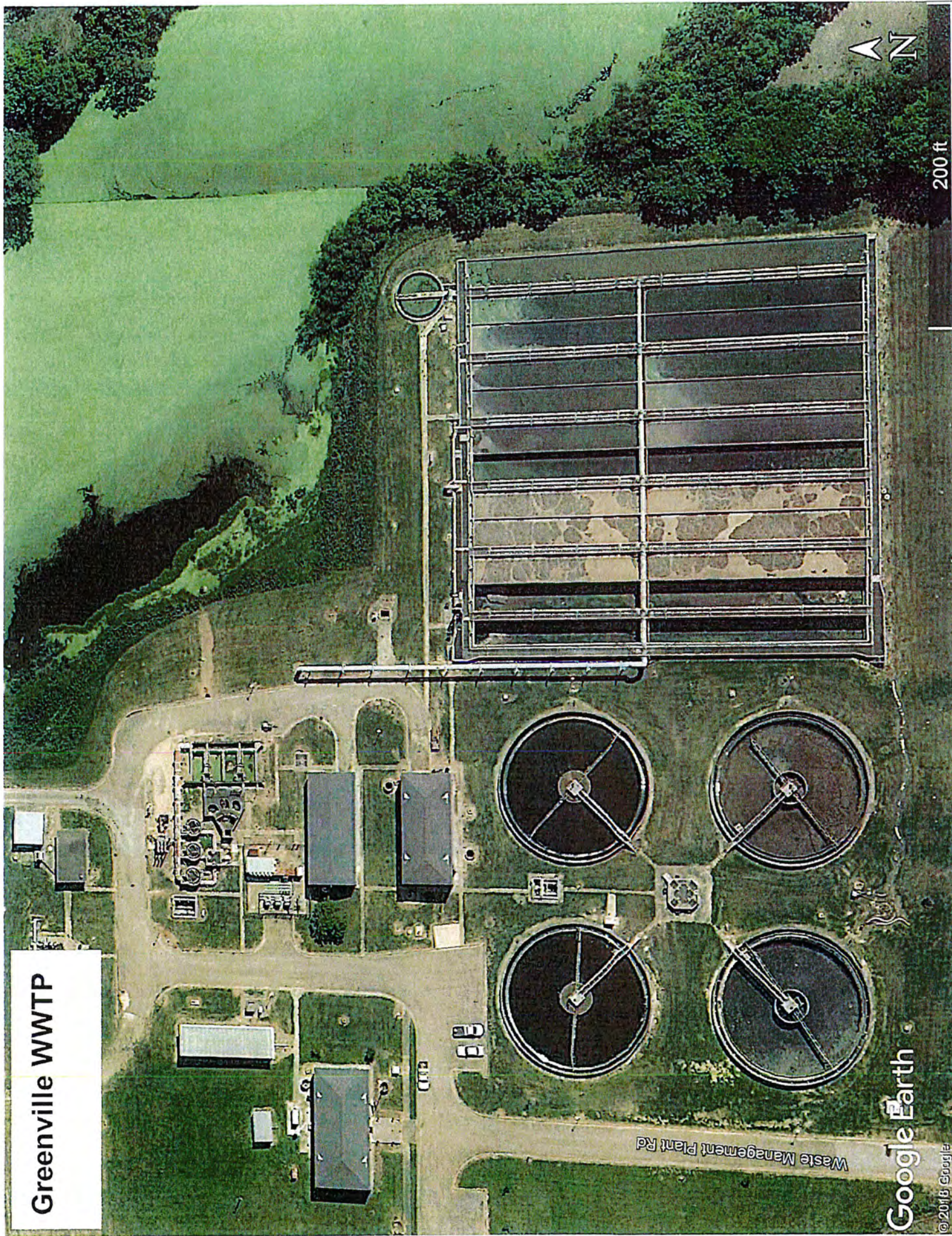


Errick D. Simmons
Mayor
City of Greenville

Attachments

cc: Andy Alexander, City Attorney
Jermaine Thornton, Public Works Director
Ronnie Washington, Deputy Director
W.L. Burle/Burle Engineers
Justin Haydel, Manchac Management Services

Greenville WWTP



Google Earth

© 2015 Google

200 ft

Greenville WWTP



600 ft

Google Earth

© 2018 Google

City of Greenville - Waste Water Treatment Plant

Organizational Chart - May 23, 2019



WWTP SUPERINTENDENT
MANCHAC MANAGEMENT SERVICES

ASST. SUPERINTENDENT
TO BE FILLED

LAB TECH
TO BE FILLED

CLERICAL
TO BE FILLED

PLANT OPERATORS
JESSE ROSS
JERMAINE SLEET
CHRISTOPHER WILLIAMS
LEON MARTIN
SAMMIE JORDAN
TO BE FILLED
TO BE FILLED
TO BE FILLED

MAINTENANCE SUPERVISOR
TO BE FILLED

MAINTENANCE HELPER
THOMAS LEE

LEGEND

New Hire

Manchac Management Services

New Hire

Manchac Management Services

APPENDIX D

CITY OF GREENVILLE LETTER REPORT TO EPA (SEPTEMBER 28, 2018)

APPENDIX D

City of Greenville, Mississippi

City Council

Errick D. Simmons
Mayor



Office of the Mayor

Al Brock, Ward 1
Lois Hawkins, Ward 2
Carolyn Weathers, Ward 3
Lurann Thomas, Ward 4
Tasha Bailey, Ward 5
James Wilson, Ward 6

340 Main Street • P.O. Box 897 • Greenville, MS 38701 • Telephone: 662-378-1501 • Facsimile: 662-378-0276 • Email: edsimmons@greenvillems.org

(SUBMITTED BY ELECTRONIC MAIL ONLY)

September 28, 2018

Ms. Sara Janovitz
United States Environmental Protection Agency, Region IV
Water Protection Division
Sam Nunn Atlanta Federal Center
61 Forsyth Street, SW
Atlanta, GA 30303

Natalie Stephenson Beckwith, Esq.
Attorney-Adviser
Office of Regional Counsel
United States Environmental Protection Agency, Region IV
61 Forsyth Street, SW
Atlanta, GA 30303

Valerie K. Mann, Esq.
Environmental Enforcement Section
ENRD Mailroom Room 2121
601 D St. NW
Washington, DC 20004

Mr. Dennis J. Sayre
Environmental Engineer Inspector
NPDES Permitting and Enforcement Branch
Municipal and Industrial Enforcement Section
Water Protection Division
United States Environmental Protection Agency, Region IV
61 Forsyth Street SW
Atlanta, GA 30303

Re: City of Greenville, Mississippi Request for Extension of Certain Reporting Dates
Required by Partial Consent Decree.

Dear Sara, Natalie, Valerie, and Dennis:

First, we want to thank you again for taking the time and making the effort to meet with us on August 16, 2018 to discuss the status of the City of Greenville, Mississippi's (City) compliance with the mandates of the Partial Consent Decree in this enforcement action and the financial plight the City faces in completing its obligations to EPA, DOJ, and MDEQ. We also very much appreciate all the others who participated in our presentation, both in person and by phone.

In deciding how to proceed from this point, we thought it best to set forth in this formal request the information we presented informally in our meeting, giving special emphasis to the recommendations you made as we concluded our discussion. All of us want the Administrative Record in this matter to be full, complete, and accurate, to avoid any confusion or misunderstandings in the future. So, we will follow here the general outline of the approach we took in our meeting in Atlanta.

For a starting point, it is imperative that all of us keep clearly in focus the harsh reality that our initial best estimates were that it would cost the citizens of the City over \$18 million to do all things necessary to restore the City's wastewater collection and treatment system to full and continuing compliance with Clean Water Act requirements. That best estimate has now ballooned to about \$40 million, and about one-third of our system remains to be assessed. When those evaluations are finalized, the ultimate cost of meeting the City's obligations under the Partial Consent Decree could explode to \$60 million or more, and that is unthinkable for a community like Greenville, where EPA's Environmental Justice policies and practices must be the polestar for every decision the City Council makes regarding our utility services.

1. Continuing Negative Changes in the Demographic Profile of the City

As I and Vice-Mayor Carolyn Weathers explained during our meeting, the overall demographic profile of the City has been changing for the worse in all categories for over twenty years. Several key factors, confirmed by published federal statistics, are the outmigration of citizens who have contributed the most to the City's tax base in years past, the growing number of citizens who live below the federally-established poverty level, and the radical decline in household incomes, especially among our poorest citizens.

The City of Greenville is currently in a stage of decline marked by a decrease in population density, declining population trends, declining population demographics, declining citizen employment and income levels, buildings falling into disrepair and abandonment, average age increases, and the closing of commercial enterprises. Given these declining trends, the infrastructure footprint remains the same and is in the worst condition ever.

a. Continuing and Declining Population Trends and Projections

The City of Greenville has experienced the full cycle of population growth and decline since its founding. Growing steadily until 1960, Greenville experienced a slight decline between 1960 and 1970, a small increase from 1970 to 1980, and then peaked in 1990 at 45,226 persons. From 1990 to 2000, the City's population declined to 41,502, and again to 34,000 in the year

2010. These declines represent a 24% reduction in population with 17 percent occurring from 2000 to 2010, alone. The most recent estimates from the American Community Survey indicate that our population continues to decline with a little over 31,000 persons today.

b. Continuing and Declining Population Demographics

Greenville continues to experience declining population demographics. General trends point to a stable population of older people along with an out-migrating younger population. Loss of population is most likely among people who are more highly educated and higher income, as people with these characteristics are generally the most mobile and likely to seek opportunities elsewhere.

c. Continuing and Declining Citizen Employment and Income Levels

Greenville faces significant economic challenges to growth and prosperity for the City. Employment is fairly low and poverty rates are high. The majority of employment opportunities in Greenville tend to be in the service industry, and these jobs tend to be lower paying and less secure. Median household income is \$29,206. Male median income is \$21,426 with female median income of \$15,084. In our municipal school district, 97% of the student population receives free or reduced lunch. This number is now at 100% due the Universal Feeding Program and high poverty rate in the City.

d. Increasing Poverty

With a 38.6% overall poverty rate and a 53% poverty rate among persons 18 and under, it is inconceivable to expect the City's most vulnerable citizens to spend the greatest portion of their household income on water and sewer services. Given its stage of decline, coupled with its racial makeup, the City's struggle with environmental justice issues continues to escalate. There are 4.03 times more black residents (over 26,000) than any other race in Greenville. The costs to address our infrastructure problems and needs have increased well beyond the financial abilities of the City of Greenville, and are now imposing a heavy burden on our poor (of all races), our elderly living on fixed incomes, and our racial minority populations.

e. Suspension of Unfunded Work Items

Given this bleak outlook, on December 29, 2017, the Greenville City Council entered an Order suspending further sewer rehabilitation work as required under the Partial Consent Decree except for critical repairs, projects funded through the U.S. Army Corps of Engineers Section 592 Grant, Mississippi Department of Environment Quality Sewer Revolving Fund Loans, or HUD Community Development Block Grants (CDBG).

After our August 2018 meeting with you in Atlanta, the Greenville City Council entered another order on August 21, 2018 to suspend even more sewer rehabilitation work required by the Partial Consent Decree except for: the emergency sinking manhole repair at the intersection of Broadway and Alexander Streets; emergency repairs for the Caldwell Drive Sewer Line sinking manhole; Sisson Drive Complete Sewer Rehabilitation; replacement of the Union Street

Sewer Line 18 feet underneath the railroad track; Groups I and II mini systems sanitary sewer evaluation study (SSES) Projects 3 and 4 that cover approximately 141.4 miles of gravity lines and approximately 2471 manholes to be inspected; Group I Mini Systems SSES Project 5; and SSES Project 7, until an Attorney General's opinion is received regarding exceeding Mississippi's Municipal Debt Ceiling Limit, as set pursuant to Miss. Code Ann. Sec. 21-33-303, discussed below.

2. Current Status of Completed and Ongoing System Repairs/Upgrades and Pending Deliverables

Notwithstanding the substantially escalating costs for the City to comply with the mandates of the Partial Consent Decree, we have made a valiant and successful effort to stay ahead of our remedial field work across the City, meet the deadlines for the required deliverables, and respond to unexpected problems that require immediate action. Dr. Bill Burle's detailed outline of the circumstances the City has faced, and our responses to both those expected and unexpected incidents, is attached to this request as Exhibit A.

In summary, the status of work required by the Partial Consent Decree to date, as to assessments, deliverables, and field work, is listed below:

- a. Assessment Projects – The City has submitted and received EPA approval for the Sanitary Sewer Evaluation/Rehabilitation (SSER) Work Plan. The SSER work plan initially focused on assessing the Group 1 and 2 mini-systems. To date, the City has cleaned/assessed 68.7% (141.4 miles) of the gravity sewers, inspected 69.0% (2471) of the manholes and cleaned/assessed 30.8% (32) of the pump stations. All of the Group 1 mini-systems have been assessed and the Group 2 mini-systems assessment work will be completed by September 30, 2019.

The Group 3 assessment work began September 1, 2018 and will continue for a one-year period. The Group 3 Evaluation Report will be prepared and delivered to EPA by the December 31, 2019 (January 4, 2020), deadline.

- b. Capacity, Management, Operations & Maintenance (CMOM) Programs – The City has developed the following EPA-approved, CMOM Programs:

- (1). Sewer Overflow Response Plan (SORP)
- (2). Emergency Response Plan (ERP)
- (3). Corrosion Control Programs (CCP)
- (4). Fats, Oils & Grease (FOG) Control Program

The City will submit the following CMOM Programs to EPA for review/approval on or before the end of this month (September 2018):

- (1). Pump Station Operation & Preventive Maintenance Program
- (2). Gravity Sewer Operation & Preventive Maintenance Program
- (3). Sewer Mapping Program

- c. Rehabilitation Program – The City has completed construction of the Early Action Project. The work was completed approximately 1.5 years ahead of the partial consent decree deadline. A complete description of the project is referenced in Exhibit A. The overall project cost was \$8,118,590.74.

The City has initiated the planning and design phases for the second rehabilitation project which is called the Comprehensive Sanitary Sewer Improvements Project. This project addresses sewer rehabilitation projects located throughout the City (Groups 1/2/3) and at the City's wastewater treatment plant (WWTP). A complete description of the project is referenced in Exhibit A. The construction phase is scheduled to begin in 2019, and will continue into 2021. The overall project cost is estimated to be \$19,694,717.

- d. Ongoing O & M/Emergency Projects – The City is addressing ongoing sanitary sewer O & M/emergency projects. Descriptions of these projects are found in Exhibit A. They are listed below:

- (1). Emergency Manhole Repair Project
- (2). Broadway Street Emergency Manhole Repair Project
- (3). Caldwell Street Emergency Manhole Repair Project
- (4). Emergency Pump Station Rehabilitation Project
- (5). WWTP Clarifier Repair Project
- (6). Private Utility Point Repair Project
- (7). Private Lateral Repair Project

- e. Deadline Extensions – The City has requested deadline extensions for three (3) deliverables: the Mini-System Group 1 Evaluation Report; the Legal Support Program; and the Financial & Cost Analysis Program. The reasons for the deadline extensions are referenced in Exhibit A.

3. Current Status of the City's Ability to Both Fund Completion of Scheduled Deliverables and Resolve Unexpected Problems Throughout the System As They Occur

The overall health (or lack of it) of the City's ability to continue doing the work just outlined, not to even mention bracing for more unexpected problems throughout the system as assessments reveal them, boils down to the bottom-line basics of our financial situation, as Mr. Steve Osso, the City's Financial Advisor, presented them during our meeting in Atlanta.

Attached as Composite Exhibit B are Steve's itemized accounting data covering the following: the City Council's August 13, 2018 Sewer Service Charges rate increases; the City's debt profile; the valuation of the City's ad valorem and personal property tax bases; a current and complete Financial Capability Assessment; and 2000 – 2020 (estimated) population trends.

You will recall that Steve stated and explained his considered opinion that the City will reach Mississippi's statutory Municipal Debt Limitation at some point between now and the end

of 2019. He also stated his further opinion that, while the City currently still has some borrowing capability, he would consider it imprudent for the City Council to continue incurring even more debt than the City has the foreseeable ability to repay.

4. Issues Regarding the City's Revenue-Generating Authority

a. Legal Issues

Of the several critical limitations the City faces in its efforts to generate revenues to fund all of both the near-term and long-term obligations mandated by the Partial Consent Decree, two particular issues loom large. The first is Mississippi's Municipal Debt Limitation Statute, Mississippi Code Ann. Section 21-33-303, a copy of which is attached as Exhibit C. While this statutory cap on municipal debt has been in our code for many years, there has not yet been a definitive determination regarding its implications, both as to the consequences of exceeding the debt limit and the possible personal liability of elected officials who knowingly decide to do so.

The question of whether Mississippi's Debt Limitation Statute will apply in the City's worsening financial situation is currently referred to the Office of the Mississippi Attorney General for an official opinion. A copy of the Opinion Request is attached as Exhibit D. The pertinent portion of that statute provides as follows:

“[I]n no case shall any municipality contract any indebtedness which, when added to all of the outstanding general obligation indebtedness, both bonded and floating, shall exceed...[t]wenty percent (20%) of the assessed value of all taxable property within such municipality according to the latest completed assessment for taxation....”

Frankly, the staff at the A.G.'s office have previously given us verbal opinions not only that this statute does apply, but that any elected city official who votes in favor of any *successful* motion that resulted in the city's incurring indebtedness that exceeds the 20% “ceiling” would be liable on their bonds for the amount of the overage. We have asked in our Opinion Request that the question of possible personal liability for knowingly violating the statutory prohibition also be addressed in the official answer.

Finally, although we were reluctant to ask this question in a written document (Opinion Requests are also “public documents,” and we were not particularly interested in putting anything about bankruptcy in writing), we asked for an opinion on whether a Mississippi municipality could legally be a “debtor” in a Chapter 9 Bankruptcy action. Chapter 9, which covers municipalities, requires that the law of the state in which the municipality is located “specifically authorize” the municipality to be a debtor under Chapter 9. In other words, that threshold question is determined by state, not federal, law. In our informal discussions with A.G. personnel, they have indicated that a Mississippi municipality is *not* so authorized. We will advise on all of these issues as soon as we receive the A. G.'s official response.

b. Possible Additional Intervening Circumstances

Turning aside from these strictly legal issues, it is important to further amplify upon the City's general demographic profile, presented initially above, regarding future considerations that may, in effect, moot these legal issues.

We have noted above the City's extreme level of population loss for at least the last twenty years. Those numbers are what they are, and the City's current financial woes are their direct result. Approximately 1000 properties in the city are now owned by the state for failure to pay ad valorem taxes. Going forward, the projected number of forfeited properties must be considered in determining what sums the City can reasonably expect to have available to remediate its sanitary sewer collection system and restore it to full and continuing compliance with the requirements of the Clean Water Act.

In 2014, pursuant to Miss Code Ann. Section 17-1-11, the City contracted with the Orion Planning Group to develop a comprehensive plan for the future development of the entire Greenville community. In the process of preparing this strategic plan, Orion gathered a great amount of data from primary sources concerning historic demographic figures and, using this data, made forecasts of the most likely course the City will face going forward in terms of population, households, job growth, and other aspects of the City.

A snapshot of this data is sobering.

(1). With regard to job creation, Orion found that, while the Mississippi Employment Security Commission projects a "regional" increase in jobs by 2020, Greenville's data indicates the opposite trend. The Mississippi University Research Center reports that wage and salaried jobs declined in Washington County (where Greenville is located) from 21,995 in 2007 to 17,465 in 2012 – a decline of twenty percent (20%) in only six years¹.

(2). Greenville's population in the 2010 U.S. Census was 34,700. With regard to future population in the City, Orion used three projection models:

a. Orion's in-house projection showed a predicted population of 31,052 in 2020 and 25,291 in 2030;

b. The Mississippi Institutes of Higher Learning projection showed a predicted population of 29,395 in 2020 and 27,934 in 2030; and

c. The University of Memphis projection showed a predicted population of 28,032 in 2020 and 22,351 in 2030.

In any event, we can expect that the "shrinkage" that the City has experienced in the past will continue unabated, and could even become worse. The Orion Plan calls for actions that

¹ As it happens, the United States Census Bureau had previously published a study of population in U.S. Metropolitan and Micropolitan Statistical Areas in the years from 2000-2007. Of the over four hundred (400) metropolitan/micropolitan areas in the United States, Greenville had the *fourth highest* percentage of population loss during that period. From 2000-2007, there was an 11.65% population loss, and from 2007-2012, there was a 20% loss of jobs.

would theoretically stabilize the City's population at an "equilibrium population" of 22,000 to 25,000 people. According to Orion, if the City fails to obtain this goal "the character of the City as a regional hub will deteriorate."

Whether or not Orion's conclusions are correct, one thing is clear. Greenville's City officials, both in the present and for the reasonably foreseeable future, face a daunting task in trying to update and maintain a sanitary sewer system capable of serving well in excess of 50,000 people with funds from 30,000 (or fewer) citizens, a significant number of whom fall below the Federal poverty level. It is for this reason that we are desperately trying to work through this now, and not at a point in the future when our probability of success is projected to be even lower. The only thing that we know for sure is that the City will have to perform a very delicate financial balancing act for many years to come.

5. The Relief Requested

As Mr. Palmer said in his opening remarks in Atlanta, the more system assessments we complete, the more we discover both expected and unexpected problems that we must fix; the more we learn about the problems we must fix, the more increasingly burdensome and unrealistic the cost projections have become; and, as we have said quite frankly a number of times, the more projected costs have escalated beyond anyone's wildest apprehensions, the sooner the day of reckoning for the elected officials of the City would come – and we are there now.

As explained earlier, and because of the ever-more-difficult challenges the City faces in obtaining funds for ongoing and/or upcoming major work items (both field work and deliverables required by the Partial Consent Decree), the Council decided first on December 27, 2017 and again on August 21, 2018 to suspend all work items except those for which we currently have capital to support. The only exception was responses to unexpected failures throughout the system.

As noted above and what bears repeating, Steve Osso explained during our Atlanta meeting that he believes the City will reach the statutory debt ceiling at some point between now and the end of 2019, maybe sooner. And, while Steve also explained that the City still has some borrowing capacity it could utilize, neither he, nor I, nor Vice-Mayor Weathers could, in good conscience, recommend to the Council that we go even deeper into debt at a time when, based on thorough financial analyses, we already know that the City will reach our debt cap under Mississippi Law in the not too distant future. Such actions would surely fail anybody's "prudence" test and could very well put the members of the Council at risk of incurring personal liability for misfeasance in office.

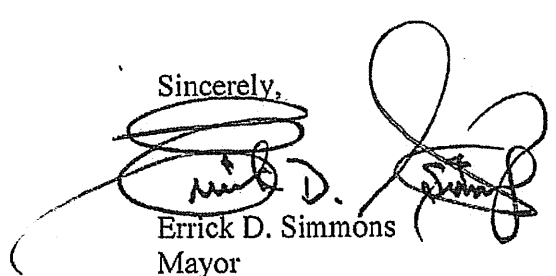
Of course, this situation could take on a different light when the Mississippi Attorney General responds to our request for an official opinion regarding the statute that imposes a cap on debt incurred by all municipalities in our State. But, even if that guidance does not portend dire consequences for violations of this particular law, I doubt very seriously that our Council would then decide to dig the City deeper in the debt pit we're already in, because, as Steve said, it would be imprudent to keep borrowing money that we know we can't pay back.

Against this backdrop, the most pressing dilemma we face at this point is that, regarding our ability to develop a competent, final cost estimate for completion of everything required of us to meet the mandates of the Partial Consent Decree, we are truly "shooting in the dark." The piecemeal approach of finishing a particular assessment and submitting revised cost estimates based on that incremental work is truly meaningless until all remaining system assessments are completed and final cost estimates are developed.

As he stated in our Atlanta meeting and noted above, Dr. Burle believes that all remaining system assessments – upon which ultimate cost estimates will be based – cannot be completed until the end of 2019. Because we fully accept and rely upon Dr. Burle's professional judgment, we respectfully request that the Partial Consent Decree be amended to suspend all remaining deliverables until final cost estimates can be developed and submitted to EPA, DOJ, and MDEQ for review and approval. Moreover, we respectfully request permission to revise the currently controlling GANTT Chart to reflect the relief we seek, if it is granted.

Again, thank you for meeting with us in Atlanta to thoroughly discuss where we've been, where we are now, and where we believe the remaining work required by the Partial Consent Decree will take us. We will greatly appreciate your consideration of the requests we have presented here, and I and everyone else on the City's Team stand ready to supplement, clarify, or further discuss anything we have put forth in this submission. We look forward to hearing from you.

Sincerely,



Errick D. Simmons
Mayor

EDS/echinn

cc: Vice-Mayor Carolyn Weathers
Councilman Al Brock
Councilwoman Lois Hawkins
Councilwoman Lurann Thomas
Councilwoman Tasha Bailey
Councilman James Wilson
Andrew N. Alexander, III, Esq., City Attorney
William L. Burle, Jr., Ph.D., P.E., P.G.
Steve Osso, CPA, Financial Advisor
Brad Jones, Clearwater Solutions
James I. Palmer, Jr., Esq., Special Counsel
Gretchen L. Zmitrovich, Esq., MDEQ

EXHIBIT A

STATUS OF PARTIAL CONSENT DECREE (PCD) DELIVERABLES AND ONGOING PROJECTS/PROGRAMS GREENVILLE, MS

1. Assessment Program

- a. SSER Work Plan - Document was submitted to EPA prior to the March 31, 2017* (April 4, 2017**), deadline. EPA has approved the work plan.
- b. Mini-System Group 1 Evaluation Report/Rehabilitation Plan – All of the original Group 1 mini-system assessment activities (SSES 1, SSES 2, SSES 3 and SSES 5) have been completed prior to the September 30, 2018 (October 4, 2018), deadline. The Group 1 Report/Plan is currently due December 31, 2018 (January 4, 2019).

The City of Greenville (CITY) reclassified a Group 3 mini-system (MS9B) and pump station (PS39) to a Group 1 designation and has also added the assessment activities to an active assessment project (SSES 5). Additional time was added to SSES 5 to cover the additional work. This will require a deadline extension for the Group 1 Report/Plan to June 30, 2019. The request was made in the 4th Semi Annual Report.

- c. Mini-System Group 2 Evaluation Report/Rehabilitation Plan – All of the Group 2 gravity sewer assessment activities (SSES 4) have been completed. The Group 2 pump station/force main assessment activities (SSES 6) are scheduled to begin January 1, 2019. The work will be completed prior to the March 31, 2020 (April 4, 2020), deadline and the Group 2 Report/Plan will be completed prior to the June 30, 2020 (July 4, 2020), deadline.
- d. Mini-System Group 3 Evaluation Report – SCADA and flow meters have been installed on the Group 3 pump stations as specified in the PCD; the work was performed under Early Action Project (EAP) Contract 5. The assessment of the Group 3 Mini-Systems (SSES 7) began September 1, 2018, and will continue for one (1) year. The data will be evaluated and a report prepared and submitted to EPA prior to the December 31, 2019 (January 4, 2020), deadline.

2. Capacity, Management, Operation and Maintenance (CMOM) Programs

- a. Sewer Overflow Response Program (SORP) – The SORP was submitted to EPA prior to the March 31, 2017 (April 4, 2017), deadline. EPA has approved the document.
- b. Emergency Response Plan (ERP) – The ERP was submitted to EPA prior to the March 31, 2017 (April 4, 2017), deadline. EPA approved the document.

* Internal, city deadline

** PCD deadline in parenthesis

- c. Information Management System (IMS) – The work is on-going. The IMS will be submitted to EPA prior to the March 31, 2019 (April 4, 2019), deadline.
- d. Pump Station Operation and Preventive Maintenance Program (PSOPM Program) – The PSOPM Program was submitted to EPA prior to the December 31, 2017 (January 4, 2018), deadline. After receiving EPA's comment letter, a revised version was prepared and re-submitted to EPA on September 3, 2018. It is currently under EPA review.
- e. Gravity Sewer Operation and Maintenance Program (GSOM Program) – The GSOM Program was submitted to EPA prior to the March 31, 2018 (April 4, 2018), deadline. After receiving EPA's comment letter, a revised version was prepared and re-submitted to EPA September 12, 2018. It is currently under EPA review.
- f. Corrosion Control Program (CCP) – The CCP was submitted to EPA prior to the deadline. EPA approved the document.
- g. Legal Support Program – The CITY is in the process of developing the Legal Support Program. The program includes:
 - 1) An Amended Sewer Ordinance;
 - 2) A Grease Control Legal Support Program;
 - 3) An Enforcement Response Guide; and
 - 4) A Private Lateral Legal Support Program.

Early in the process, the CITY recognized the need for state legislation to authorize and empower them to enforce the CITY's sewer ordinance to their sewer customers located outside the CITY's corporate limits. The CITY worked with the Mississippi legislature to draft Senate Bill 3059 which gave the CITY the needed authority. The bill was passed during the 2018 legislative session and is now in force.

The completion of the Legal Support Program has been delayed. On August 16, 2018, the CITY met with EPA to discuss the Legal Support Program, as well as the overall financial impact of the PCD on the CITY's finances. Based on the meeting, the tentative delivery date for submittal of the Legal Support Program to EPA is now November 30, 2019.

- h. Fats, Oil and Grease (FOG) Control Program – The FOG Control Program was submitted to EPA prior to the May 31, 2017 (June 4, 2017), deadline. EPA approved the document.

The CITY amended the FOG Control Program by changing the program's oversight department from the Planning Department to the Fire Department. A revised version of the program was prepared and submitted to EPA on September 11, 2018. It is currently under EPA review.

The CITY's implementation of the FOG Control Program has been hampered by the delay in preparing the sewer ordinance. The CITY has moved forward, however, with the preliminary phases of the FOG Control Program. These are:

- 1) Training
 - 2) New Staff
 - 3) Public Education/Notification
- i. Sewer Mapping Program – The actual mapping work is on-going. The Sewer Mapping Program is currently due September 30, 2018 (October 4, 2018).
 - j. Financial and Cost Analysis Program (FCAP) – The CITY is in the process of preparing the FCAP. As with the Legal Support Program, the preparation of the FCAP has been delayed. On August 16, 2018, the CITY met with EPA to discuss the FCAP and the need to extend the delivery date to a date beyond the completion of the Group 1/Group 2 Evaluation Reports/Rehabilitation Plans and Group 3 Evaluation Report so that an accurate scope of repairs and associated costs are available for use in preparing the FCAP. At the meeting, a tentative delivery date of December 31, 2020, was proposed by the CITY.

3. Rehabilitation Program

- a. Early Action Project (EAP) – The EAP has been constructed. It was completed approximately 1.5 years prior to the December 31, 2019 (January 4, 2020), deadline. The overall project cost was \$8,118,590.74. The following is a breakdown of the work performed and associated costs:
 - 1) EAP Contract No. 1 – Trailer Mounted By-Pass Pumps – The CITY bid this phase of work in June/July 2015, ~9 months prior to the effective date (April 4, 2016) of the PCD. The contract was awarded to Hydra Services, Inc. of Pelahatchie, MS. The project cost was \$218,601.00. Hydra Services delivered the by-pass pumps to the CITY and satisfied the terms of the contract on November 17, 2015.
 - 2) EAP Contract 2 – Quick Disconnect (QD) Piping, Hoses and Fittings – The CITY also bid this phase of work in June/July 2015, ~9 months prior to the effective date of the PCD. The contract was awarded to Hydra Services. The project cost was \$66,223.00. Hydra Services delivered the

QD piping, hoses and fittings to the CITY and satisfied the terms of the contract by November 17, 2015.

- 3) EAP Contract 3 – Pump Station Auxiliary Power Units – The project consisted of the installation of natural gas-fired, auxiliary power units at the CITY's five (5) major pump stations: Hancock, Mary, Daniel, Tennessee Gas and South Theobald. The CITY bid this phase of work in September/October 2015, ~7 months prior to the effective date of the PCD. The contract was awarded to Scott Electric Company of Greenville, MS. The project cost was \$976,637.68. Scott Electric installed the power units and satisfied the terms of the contract by June 28, 2016.
- 4) EAP Contract 4A – Wastewater Treatment Plant (WWTP) Ultra Violet (UV) Disinfection System Project – The project consisted of the installation of a new UV disinfection system. The CITY bid this phase of work in May/June 2016. The CITY awarded the contract to Hemphill Construction Company of Florence, MS. The project cost was \$1,693,701.00. The project was completed on April 16, 2017.
- 5) EAP Contract 4B – WWTP Process Piping Project – The project consisted of the replacement of a 54" pipeline from the WWTP aeration basin to the clarifier distribution box and other miscellaneous piping. The CITY bid this project in April/May 2017. The CITY awarded the contract to Hemphill Construction Company. The construction cost was \$1,199,720.00. The contractual completion date was January 6, 2018.
- 6) EAP Contract 5 – Pump Station Improvement Project – The project consisted of the installation of seventy-eight (78) Supervisory Control and Data Acquisition (SCADA) systems, ninety-one (91) flow meters, thirty-seven (37) force main by-pass ports and associated appurtenances. The CITY bid the project in April/May 2017. The CITY awarded the contract to Avis Construction Company (AVIS) of Greenville, MS. The construction cost was \$1,783,378.60. The contractual completion date was June 21, 2018.
- 7) EAP Contract 6 – WWTP Electrical Sub-Station Improvements – The project consisted of the re-building of the WWTP's electrical sub-station. This project was not a part of the PCD EAP but was added to the CITY's EAP MDEQ/State Revolving Fund (SRF) loan in order to expedite construction. The CITY bid this phase of work in May/June 2016. The

CITY awarded the contract to McInnis Electric of Byram, MS. The construction cost was \$752,806.00. The project was completed on May 31, 2017.

- 8) EAP Contract 7 – Pump Station Wet-Well Rehabilitation Project – The project consisted of the assessment, cleaning and rehabilitation of two (2) of the CITY's major pumping station wet wells, Hancock (PS 5) and South Theobald (PS 17). This project was not a part of the PCD EAP, however, as with EAP Contract 6, it was added to the MDEQ SRF loan to expedite construction. The CITY bid the project in April/May 2017. The CITY awarded the project to Hemphill Construction Company. The construction cost was \$402,710.70. The contractual completion date was January 6, 2018.

b. Comprehensive Sanitary Sewer Improvement Project

The CITY has identified eight (8) projects ahead of the completion of SSES projects. These projects include work located in all three Groups (1/2/3). These projects are listed below:

- 1) Hancock Pump Station Force Main Project – The Hancock Pump Station force main serves three (3) pump stations: Hancock (PS 5), Union (PS 55), and Phelps (PS 16). The force main was not originally designed to serve these four stations. The Percy, Union and Phelps pump stations were originally built with dedicated force mains, as was the Hancock station. Several decades ago, during emergency force main repair work, the force mains were connected to the Hancock force main; repairs to the damaged force mains were never made and the stations have remained on the Hancock force main since.

The problem with this manifolded system is the Union station operates under a higher pressure than the primary, Hancock station. During rain events, when inflow becomes an issue and the pump run-times increase, the Union pump station controls the force main and forces the Hancock pump station to operate at a higher pressure and lower flow rate, thus reducing the pumping capacity of one of the CITY's five major pump stations.

The CITY is planning to install a new force main for the Hancock, Union and Phelps stations and balance the lift station pump conditions. The

proposed project will consist of the construction of a new 2.45 mile long, 18" force main. Air relief valves will be installed at critical high points. The estimated project cost is \$4,857,750.

- 2) WWTP Improvement Project – A WWTP Improvement Project is being developed. The project's scope, cost and schedule was itemized in an engineering report (Facility Plan No. 2) and delivered to the CITY on April 13, 2018. The following is a breakdown of the proposed improvements:

- WWTP Grit Chamber Rehabilitation Project – The existing WWTP grit chamber is not removing the grit and sand as originally designed. The project will involve rebuilding the grit chamber which is original to the WWTP. The estimated project cost is \$2,813,902.
- Aeration Basin Valve Replacement Project – All inoperable valves located along the north side of the aeration basin will be replaced with new pinch valves. The estimated project cost is \$206,640.
- Influent Pump Station Improvement Project – The existing influent pump station will be re-built. The work will involve:
 - Installing an emergency standby, motor-driven pump;
 - Replacing an inoperable shaft-driven pump with a dry pit, submersible unit; and
 - Installing a Variable Frequency Drive (VFD) control panel for the new, dry pit submersible pump.

The estimated project cost is \$432,960.

- Effluent Pump Station Project – The existing effluent pump station will also be re-built. The work will involve:
 - Replacing two (2) of the existing pumps;
 - Replacing three (3) Variable Frequency Drive controls for the effluent pumps; and
 - Installing an emergency, standby, motor-driven pump.

The estimated project cost is \$1,238,610.

- Return Activated Sludge (RAS) Pump Project – One of the three RAS pumps is inoperable and will be replaced and a variable frequency drive installed and incorporated into the SCADA system. The estimated project cost is \$189,420.
 - Sludge Removal & Disposal – The sludge in Sludge Lagoon No. 2 needs to be removed. The sludge will be transported to either a Sub-Title D landfill or land application site for disposal. The estimated project cost is \$909,216.
- 3) Pump Station Rehabilitation Project – The existing dry pit piping systems are in need of replacement and/or reconfiguration in three (3) pump stations: Daniel Street (PS 40), Carrie Stern (PS 10) and South Percy Street (PS 7). The scope, schedule and cost for this project was outlined in Facility Plan No. 2 which was submitted to the CITY on April 13, 2018. The estimated project cost is \$663,359.
 - 4) Pump Station Reconstruction Project – Eight (8) existing pump stations will be completely reconstructed. They are: Essex/Oxford Street (PS 46), May Street (PS 66), Mary Street (PS 34), Vessel of Mercy (PS 67), Nottingham Apartments (PS 57), Naples Street (PS 58), Union Street (PS 55) and Gamwyn Sub-division (PS 39). The scope, schedule and cost are outlined in Facility Plan No. 2 which was submitted to the City and MDEQ on April 13, 2018 (*Note: The Facility Plan was amended July 3, 2018, to add the Gamwyn Sub-division pump station (PS 39) to the pump station list.*). The estimated project cost is \$1,468,780.
 - 5) Force Main Reconstruction Project – One (1) pump station, Wildwood Street (PS 41), has a force main and associated gravity sewers (MH 53-103 to MH 53-113) which need to be reconfigured and/or re-built to meet their design capacity. As with the other projects mentioned earlier, the scope, schedule and costs were outlined in Facility Plan No. 2 and submitted to the CITY and MDEQ on April 13, 2018. The estimated project cost is \$75,215.
 - 6) South Main Pipe Bursting Project - The project will involve removing the bottleneck that exists in the gravity sewer between MH 53-108 and MH 53-103. A pipe bursting method will be used. The scope, schedule and cost for this project were outlined in Facility Plan No. 2 and submitted to

the CITY and MDEQ on April 13, 2018. The estimated project cost is \$447,843.

- 7) Sewer Rehabilitation Project – Based on the SSES findings to-date, sewer rehabilitation work is planned for Group 1/2/3 sewer systems. The estimated project cost is \$5,129,524.
- 8) Surge Arrestor Project – Due to electrical fluctuations on our local grid, surge arrestors are needed to serve the five (5) emergency generators which were installed under EAP Contract No. 3. The estimated project cost is \$61,500.

c. On-Going Operation and Maintenance (O&M) and Emergency Projects – The following projects are on-going sanitary sewer projects which address deficiencies/failures with the sanitary sewer system but fall outside the PCD schedule:

- 1) Emergency Manhole Repair Project – During the 2016 spring flooding events, the CITY retained BURLE to inventory damaged manholes. Most of the damaged manholes were in low-lying areas near open ditches or agricultural fields and were, therefore, susceptible to inflow. The damage pertained primarily to broken manhole lid seals, misaligned lids/sections and/or inaccessibility (manholes covered with asphalt pavement).

As noted in the First Semi-Annual Report, the CITY awarded an initial emergency manhole repair contract to AVIS in March 2016. In June 2016, the CITY awarded a six month construction contract to Mixon Construction Company (MIXON) of Greenville, MS to repair the balance of the damaged manholes. The construction contracts were bid every six months and, to date, have been awarded to MIXON.

Through the end of this reporting period (June 30, 2018), a total of 821 manholes have either been repaired or are scheduled for repairs. These manholes are located throughout the CITY (Group 1 (417 manholes), Group 2 (231 manholes) and Group 3 (173 manholes)).

- 2) Broadway Street Emergency Manhole Repair Project – During the 2018 spring flood event, two (2) manholes located in the Broadway Street/Alexander Street intersection settled approximately two (2) feet. The CITY declared the sewer/street failure as an emergency and began seeking an Emergency SRF Loan to pay for the repair. BURLE prepared

construction plans and specifications for the repair and submitted them to both the Mississippi Department of Transportation (MDOT) and MDEQ for review. Upon receiving agency approvals, the CITY bid the project and, on June 22, 2018, received a low bid of \$850,700.00 from Don M. Barron Contractor, Inc. (BARRON) of Farmerville, LA. During the CITY's July 3, 2018, council meeting, the CITY awarded the project to BARRON. The contract was executed July 19, 2018. The work is ongoing. The tentative completion date is October 17, 2018.

- 3) Caldwell Street Emergency Manhole Repair Project – During the 2018 spring flood event, one (1) manhole located in Caldwell Street settled approximately one (1) foot. The CITY declared the sewer/street failure an emergency and began seeking an Emergency SRF Loan to pay for the repair. Two (2) other sewer failures, a liner failure within the gravity sewer along Union Street and a point repair along Sissons Street, were also identified, declared emergencies and added to the Caldwell project. BURLE prepared construction plans and specifications for the project and submitted them to MDEQ for review/approval. Upon receiving MDEQ approval, the CITY bid the project and, on August 30, 2018, received a low bid of \$276,877.00 from Mitchell Contracting, Inc. (MITCHELL) of Madisonville, LA. During the CITY's September 4, 2018, council meeting, the CITY awarded the project to MITCHELL. The contract has been submitted to MITCHELL for execution.
- 4) Emergency Pump Station Rehabilitation Projects – Upon execution of Clearwater Solutions, LLC (CLEARWATER) public works contract with the CITY, CLEARWATER inspected the CITY's pump stations and identified pump deficiencies needing immediate attention. These pump stations are listed below:

- South Theobald Street (PS 17)
- East Alexander Street (PS 23)
- Carrie Stern School (PS 10)
- Percy Street (PS 7)
- South Beauchamp Avenue (PS 27)
- Mary Street (PS 34)
- Daniel Street (PS 40)
- Annie Stokes Road (PS 49)
- VFW Road (PS 67)
- Nottingham Apartments (PS 57)

- Grenada Farms (PS 8)

During the February 21, 2017, council meeting, CLEARWATER brought the situation to the attention of the CITY. The CITY declared the situation an emergency and authorized the procurement of emergency funds (up to \$700,000) to finance the work.

Funds have been obtained and the work is on-going. The anticipated completion date should occur during the 3rd Quarter of 2018.

- 5) WWTP Secondary Clarifier Repair Project – On August 19, 2016, one of the WWTP's four secondary clarifiers (Clarifier No. 3) experienced a mechanical failure. An inspection of the clarifier revealed that a torque limiter switch failed to initialize after the algae sweep arm hung on the V-notched weir. This allowed the rake arm to continue its sweep, causing the arm to bend/deform to the point that the motor overload switch engaged and shut down the motor.

The CITY retained Industrial Services, Inc. (ISI) of Greenville, MS to make the repair. The CITY filed an insurance claim, purchased the replacement parts (~\$168,600) and provided them to ISI for installation. The system was repaired and put back into operation in May 2017.

The three remaining clarifiers met demand and remained operational throughout the repair process.

- 6) Private Utilities Point Repair Project - The CITY has identified numerous point repairs during the SSES's 1/2/3/4. Many of these were caused by private utility companies (Atmos, Entergy, Inline, etc.) horizontally drilling through the sanitary sewer system as they were installing their underground utilities. As these breaches are discovered, the CITY contacts MS One Call and requests a utility locate; this allows the CITY to identify the utility responsible for the damage. The CITY then meets with the responsibility private utility company, presents the video which shows the damage and works with the utility to both repair the sewer and reinstall the utility above or below the CITY's sewer system.

As of June 30, 2018, the CITY has identified thirty-six (36) damaged sewer point repairs and the utility companies have repaired fifteen (15) of them.

- 7) Private Lateral Repair Project – SSES's 1/2/3/4 have also identified damaged sewer laterals. When damaged laterals are encountered on CITY/STATE owned properties, the CITY authorizes MIXON, under a six (6) month contract, to make the repairs. If the lateral serves a vacant lot, MIXON plugs the lateral within the right-of-way/easement. If the lateral serves a building which is still habitable, the lateral is simply repaired.

As of June 30, 2018, a total of fourteen (14) sewer laterals have been repaired/plugged in this manner.

EXHIBIT "B"

ORDINANCE # 18-007

**AN ORDINANCE AMENDING CHAPTER VII, ARTICLE III, DIVISION 4, SEWER RATES
OF THE CODE OF ORDINANCES OF THE CITY OF GREENVILLE, MISSISSIPPI
SEWER SERVICE CHARGES**

BE IT ORDAINED BY THE CITY COUNCIL OF GREENVILLE AS FOLLOWS:

CHAPTER VII, ARTICLE III, DIVISION 4, SECTION 7-173

SECTION I

The sewer service charges for the use of the city sanitary sewerage system shall be in accordance with the following:

- (1) *Inside city.* The following rates calculated on volumetric basis shall be charged for sewer service to consumers thereof inside the city limits:

	Effective 10/01/2017	Effective 10/01/2018
a. Schedule for five-eighths inch meter:		
0-3,000 gallons	\$ 11.41	\$ 15.06
Over 3,000 gallons per 1,000	3.00	3.96
b. Schedule for one-inch meter:		
0-8,000 gallons	\$ 21.61	\$ 28.53
Over 8,000 gallons per 1,000	3.00	3.96
c. Schedule for one and one-half inch meter:		
0-15,000 gallons	\$ 32.43	\$ 42.81
Over 15,000 gallons per 1,000	3.00	3.96
d. Schedule for two-inch meter:		
0-23,000 gallons	\$ 45.63	\$ 60.23
Over 23,000 gallons per 1,000	2.70	3.56
e. Schedule for three-inch meter:		
0-35,000 gallons	\$ 64.85	\$ 85.60
Over 35,000 gallons per 1,000	2.41	3.18
f. Schedule for four-inch meter:		
0-70,000 gallons	\$122.51	\$161.71
Over 70,000 gallons per 1,000	2.41	3.18
g. Schedule for six-inch meter:		
First 100,000 gallons	\$170.54	\$225.11
All above 100,000 gallons per 1,000	2.10	2.77
h. Schedule for eight-inch meter:		
First 100,000 gallons	\$170.54	\$225.11
All above 100,000 gallons, per 1,000	2.10	2.77

i. Schedule for industries:		
0-100,000 gallons	\$170.54	\$225.11
All above 100,000 gallons, per 1,000	2.10	2.77

- (2) *Outside city.* The rates charged to consumers of sewer service outside the city limits shall be double the rates hereinabove set forth except in the matter of economic development or job creation as approved by Council.

SECTION II

The approved Sewer Service Charges, included herein by reference shall include an itemized budget reflecting the costs of operation and maintenance (including replacement) of the public sewage works and retirement of existing debt including repayment of any Water Pollution Control Revolving Fund Loans. It shall also include the revenues dedicated to these costs and demonstrate that they are adequate based on the use of the system and the Sewer Service Charges in Section 7-173.

SECTION III

This ordinance shall take effect and be in force as provided by law.

ORDAINED AND ADOPTED by the City Council of the City of Greenville, Mississippi on this, the 13th day of August 2018 by the following vote:

Council Member Tasha Bailey	AYE
Council Member Al Brock	AYE
Council Member Lois Hawkins	AYE
Council Member Lurann Thomas	AYE
Council Member Carolyn Weathers	AYE
Council Member James Wilson, Sr.	AYE

THE CITY COUNCIL OF GREENVILLE

/S/ Errick D. Simmons, Mayor

ATTEST:

/S/ Amelia D. Wicks, City Clerk

CITY OF GREENVILLE, MISSISSIPPI LIST OF BONDS, NOTES AND LEASE PURCHASES	Date of Issue	Amount of Issue	Scheduled Payments	Date of Payment	9/30/2018	Principal	Interest & Late Fees	Total Principal & Interest	9/30/2019
--	---------------	-----------------	-----------------------	--------------------	-----------	-----------	-------------------------	----------------------------------	-----------

2010 Street Bond Hancock Bank P-200-450-800Int-200-450-810	5/18/2010	2,000,000	216,136.72	Nov-18 May-19	760,000.00	180,000.00	16,770.00	16,770.00	580,000.00
--	-----------	-----------	------------	------------------	------------	------------	-----------	-----------	------------

Series 2015 G/O Refunding Raymond James P-200-450-800Int-200-450-810	7/29/2015	3,420,075	70,000.00	Oct-18 Aug-19	2,752,375.00	346,375.00	31,831.67	31,831.67	2,404,000.00
--	-----------	-----------	-----------	------------------	--------------	------------	-----------	-----------	--------------

2018 GO BOND Sterling Bank	8/3/2018	9,239,000.00	303,000.00		9,239,000.00	303,000.00	379,759.00	682,759.00	8,036,000.00
-------------------------------	----------	--------------	------------	--	--------------	------------	------------	------------	--------------

OTHER BONDS
Water & Sewer (Sales Tax)

State Revolving C280767-10 Emergency SRF		12,000,000.00			12,000,000.00	505,587.95	205,957.57	711,545.52	11,484,412.05
State Revolving C280767-08 Emergency SRF		350,000.00			350,000.00	29,051.72	13,471.24	42,522.96	320,948.28
State Revolving C280767-08	6/27/2018	1,701,565.13			350,000.00	29,051.72	13,471.24	42,522.96	320,948.28
State Revolving C280767-08	1/18/2017	314,983.76	8,404.94	Monthly	1,629,585.87	-	-	-	1,828,585.87
State Revolving C280767-08	3/7/2017	885,049.46	1,556.43	Monthly	306,182.20	-	-	-	306,182.20
State Revolving C280767-08	4/28/2017	547,373.73		Monthly	885,049.46	-	-	-	885,049.46
State Revolving C280767-08	1/10/2017	1,345,748.92		Monthly	547,373.73	-	-	-	547,373.73
State Revolving C280767-08	1/16/2018	1,376,865.43		Monthly	1,345,748.92	308,773.26	124,987.90	431,741.16	1,038,973.86
State Revolving C280767-09	5/7/2018	812,488.60		Monthly	1,376,865.43	-	-	-	1,376,865.43
State Revolving C280767-09		287,110.71		Monthly	812,488.60	-	-	-	812,488.60
State Revolving C280767-08-2	5/12/2017	353,781	1,772.89	Monthly	287,110.71	15,563.78	5,710.90	21,274.68	287,110.71
State Revolving C280767-07	7/28/2010	479,465.00	2,411.29	Monthly	333,448.17	23,441.44	5,494.04	28,935.48	317,884.39
TOTALS		20,814,429.74	14,148.65		20,568,465.80	809,450.21	389,073.89	1,198,524.10	19,849,015.93

Trustmark 200-450-820 P 200-450-830 I	10/1/2015	1,500,000	28,821.04	Monthly	631,173.88	303,889.46	15,453.02	319,452.48	327,174.40
--	-----------	-----------	-----------	---------	------------	------------	-----------	------------	------------

Pierce Fire Truck 5 YR NOTE - TRUSTMARK - 1.77% 105-450-854-P 105-450-855-I	1/8/2016	415,000	7,246.17	Monthly	205,559.55	83,864.86	2,958.18	86,823.04	121,564.66
---	----------	---------	----------	---------	------------	-----------	----------	-----------	------------

CITY OF GREENVILLE, MISSISSIPPI LIST OF BONDS, NOTES AND LEASE PURCHASES	Date of Issue	Amount of Issue	Scheduled Payments	Date of Payment	9/30/2018	Principal	Interest & Late Fees	Total Principal & Interest	9/30/2019
10 YEAR NOTE - EQUIPMENT - 3.65% 400-450-820 P 400-450-830 I 86.4825% 001-455-854 P 001-455-855 I 13.5375% SIEMENS PUBLIC, INC.	9/30/2011	8,533,080.00 7,243,898.75 1,134,181.25	185,533.72 169,063.34 28,470.38	Quarterly	8,533,080.00 5,151,128.35 808,514.98	- 473,425.38 74,124.70	- 242,828.38 31,766.82	- 978,253.81 105,881.52	- 4,877,702.40 732,390.28
5 YEAR NOTE - EQUIPMENT - 2.01% Trustmark National Bank 200-450-820 P 200-450-830 I	12/8/2016	783,000.00	14,231.41	Monthly	538,649.97	161,469.38	9,308.54	170,778.82	375,381.59
5 YEAR NOTE - EQUIPMENT - 1.83% Trustmark National Bank 200-450-820 P 200-450-830 I	1/5/2017	986,000.00	17,290.05	Monthly	685,401.78	195,376.16	11,502.44	207,480.80	489,513.62
5 YEAR NOTE - EQUIPMENT - 2.09% Trustmark National Bank 200-450-820 P 200-450-830 I	5/4/2017	700,000.00	12,283.47	Monthly	508,469.19	138,082.45	9,309.19	147,401.84	370,378.74

CITY OF GREENVILLE, MISSISSIPPI LIST OF BONDS, NOTES AND LEASE PURCHASES	Date of Issue	Amount of Issue	Scheduled Payments	Date of Payment	9/30/2018	Principal	Interest & Late Fees	Total Principal & Interest	9/30/2019
FY 2018-19									
001 General Fund					806,514.98	74,124.70	31,756.82	105,881.52	732,390.28
002 Gaming Fund					-	-	-	-	-
005 Fire Protection Fund					205,559.55	83,994.88	2,959.18	86,954.04	121,564.89
220 City Debt Fund					5,874,359.80	1,327,913.45	141,076.53	1,468,989.98	4,546,446.35
201 TIF BOND					-	-	-	-	-
400 Water & Sewer Utility Fund					34,948,815.18	1,685,898.85	951,658.27	2,637,555.12	33,262,718.33
400 Sewerage Utility Fund					-	-	-	-	-
500 Fleet					-	-	-	-	-
					41,835,049.51	3,171,929.86	1,127,450.80	4,298,380.66	38,663,119.65

190,627,481 190,627,481
20% 15%

38,125,496.20 29,594,122.15

**MUST GET CORRECT DATA FROM
COUNTY ASSESSOR/CHANCERY CLK**

**CITY OF GREENVILLE
TAX ROLL VALUES-2018-2019**

		CITY	SSD
REALTY:			
Inside City	100	77,276,238	77,276,238
Inside SSD	010	0	1,418,857
City-(old SSD)	112	22,327,721	22,327,721
City-O/L	111	2,033,357	2,033,357
SSD O/L	011	0	563,593
City (Old SSD) OL	113	1,698,850	1,698,850
City-(old W/L)	188	20,030,125	0
City (old W/L OL)	184	900,292	0
BAWI Tax-Inside City	11A	1,645,087	1,645,087
BAWI SSD O/L	01C	0	0
BAWI Tax(Old W/L)	18E	0	0
Total Assessed Values		125,911,670	106,963,703
Less Homestead		(13,183,587)	(10,849,328)
Less BAWI Tax Exempt		(1,645,087)	0
Public Utilities		0	0
Net Real Taxable		111,082,996	96,114,375

PERSONAL:			
Inside City	100	24,163,546	24,163,546
Inside SSD	010	0	479,109
City-(old SSD)	112	1,377,795	1,377,795
City-O/L	111	1,298,654	1,298,654
SSD O/L	011	0	34,757
City (Old SSD) OL	113	1,512,277	1,512,277
City-(old W/L)	188	2,232,257	0
City (old W/L OL)	184	2,351,980	0
BAWI Tax-Inside City	11A	10,494,554	10,494,554
BAWI Tax(Old SSD)	11E	0	0
BAWI Tax(Old W/L)	18E	0	0
Public Utilities		22,625,882	18,180,405
Mobile Homes		52,097	66,430
Total Assed Values		66,109,042	57,607,527
Less BAWI Tax Exempt		(10,494,554)	0
Net Personal Taxable		55,614,488	57,607,527

PUBLIC UTILITIES:

		CITY	SSD
Inside City	100	11,534,927	11,534,927
Inside SSD	010	0	739,261
City-(old SSD)	112	5,797,107	5,797,107
City-O/L	111	98,165	98,165
SSD O/L	011	0	10,945
City (Old SSD) OL	113	0	0
City-(old W/L)	188	4,192,216	0
City (old W/L OL)	184	1,003,467	0
Net Public Utilities Taxable		22,625,882	18,180,405

AUTO:

Inside City		20,352,522	20,352,522
Inside SSD	010	0	528,530
City-(old SSD)	112	3,577,475	3,577,475
City-(old W/L)	188	0	0
Net Auto Taxable		23,929,997	24,458,527

Mobile Homes:

Inside City	100	5,897	5,897
Inside SSD	010	0	48,043
SSD O/L	011	0	0
City-(old SSD)	112	9,383	9,383
City-(old W/L)	188	32,799	0
City (old W/L OL)	184	911	0
City (Old SSD) OL	113	3,107	3,107
Net Mobile Homes Taxable		52,097	66,430

Total Values

215,950,709 189,029,757

Total Taxable

190,627,481 178,180,429

	FY17-18	FY18-19	VARIANCE
Corporation	0.04975	0.05275	0.0030
Realty	5,436,814	5,859,628	\$422,814
Auto	1,132,390	1,262,307	\$129,917
Personal	2,684,139	2,936,412	\$252,273
Total	\$9,253,343	\$10,058,348	\$805,005
Parks & Rec.	0.0020	0.0020	0.0000
Realty	218,565	222,166	\$3,601
Auto	45,523	47,860	\$2,337
Personal	107,905	111,333	\$3,428
Total	\$ 371,993	\$ 381,359	\$ 9,366
Library	0.0017	0.0017	0.0000
Realty	185,781	188,841	\$3,060
Auto	38,695	40,681	\$1,986
Personal	91,719	94,633	\$2,914
Total	\$ 316,195	\$ 324,155	\$ 7,960
Debt Service	0.00710	0.00820	0.00110
Realty	775,907	910,881	\$134,974
Auto	161,607	196,226	\$34,619
Personal	382,657	456,039	\$73,382
Total	1,320,171	1,563,145	\$ 242,974
F/P Pension	0.00286	0.00276	(0.000100)
Realty	312,549	306,589	(\$5,960)
Auto	65,098	66,047	\$949
Personal	154,141	153,496	(\$645)
Total	531,788	526,132	\$ (5,656)

TOTAL CITY TAX LEVIES

0.06341 0.06741 (0.00400)

	FY17-18	FY18-19	VARIANCE
District Maint.	0.0550	0.0550	0.0000
Realty	5,158,490	5,286,291	127,801
Auto	1,100,204	1,345,219	245,015
Personal	3,192,604	3,168,414	(24,190)
Subtotal	9,451,298	9,799,924	348,626
H/S Credit	(289,450)	(289,450)	0
H/S Reimb.	320,458	300,000	(20,458)
TOTAL	9,482,306	9,810,474	328,168

Vo-Tech	0.0020	0.0020	0.0000
Realty	187,581	192,229	4,648
Auto	40,007	48,917	8,910
Personal	116,095	115,215	(880)
Total	343,683	356,361	12,678

Debt Service	0.0030	0.0030	0
Realty	281,372	288,343	6,971
Auto	60,011	73,376	13,365
Personal	174,142	172,823	(1,319)
Total	515,525	534,541	19,016

GREENVILLE PUBLIC SCHOOL DISTRICT

TOTAL TAX LEVY 0.0600 0.0600 0.0000

**City of Greenville, Mississippi
Financial Capability Assessment
Cost Per Household
Worksheet 1**

Current WWT Costs		<u>Line Number</u>
Annual Operations and Maintenance Expenses (Excluding Depreciation)	<u>5,218,323</u>	100
Annual Debt Service (Principal and Interest)	<u>1,468,170</u>	101
Subtotal (Line 100 + Line 101)	<u>6,686,493</u>	102
 Projected WWT and CSO Costs (Current Dollars)		
Estimated Annual Operations and Maintenance Expenses (Excluding Depreciation)	<u>6,261,988</u>	103
Annual Debt Service (Principal and Interest)	<u>4,568,254</u>	104
Subtotal (Line 103 + Line 104)	<u>10,830,242</u>	105
 Total Current and Projected WWT and CSO Costs (Line 102 + Line 105)	<u>17,516,735</u>	106
 Residential Share of Total WWT and CSO Costs	<u>17,288,208</u>	107
 Total number of Households in Service Area	<u>11,045</u>	108
 Cost Per Household (Line 107 /Line 108)	<u>1,565</u>	109

**City of Greenville, Mississippi
Financial Capability Assessment
Residential Indicator
Worksheet 2**

Median Household Income (MHI)		<u>Line Number</u>
Census Year MHI	<u>27,344</u>	201
MHI Adjustment Factor	<u>1.01</u>	202
Adjusted MHI (Line 201 x Line 202)	<u>27,617</u>	203
Annual WWT and CSO Control Cost Per Household (CPH)	<u>1,565</u>	204
 Residential Indicator:		
Annual Wastewater and CSO Control Costs per Household as a percent of Adjusted Median Household Income (CPH as % MHI) (Line 204/Line 203 x 100)	<u>5.667621447</u>	205

**City of Greenville, Mississippi
Financial Capability Assessment
Bond Rating
Worksheet 3**

		<u>Line Number</u>
Most Recent General Obligation Bond Rating	<u>Unrated</u>	
Date:	<u>N/A</u>	
Rating Agency:	<u>N/A</u>	
Rating:	<u>N/A</u>	301
Most Recent Revenue (Water/Sewer or Sewer) Bond	<u>Unrated</u>	
Date:	<u>N/A</u>	
Rating Agency:	<u>N/A</u>	
Bond Insurance (Yes/No)	<u>N/A</u>	
Rating:	<u>N/A</u>	302
Summary Bond Rating:	<u>N/A</u>	303

City of Greenville, Mississippi
Financial Capability Assessment

Overall Net Debt as a Percent of Full Market Property Value
Worksheet 4

		<u>Line Number</u>
Direct Net Debt (G.O. Bonds Excluding Double- Barreled Bonds)	<u>21,276,564</u>	401
Debt of Overlapping Entities (Proportionate Share of Multijurisdictional Debt)	<u>0</u>	402
Overall Net Debt (Line 401 + 402)	<u>21,276,564</u>	403
Market Value of Property	<u>215,950,709</u>	404
Overall Net Debt as a Percent of Full Market Property Value (Line 403 divided by Line 404 x 100)	<u>9.852509445</u>	405

**City of Greenville, Mississippi
Financial Capability Assessment
Unemployment Rate
Worksheet 5**

		<u>Line Number</u>
Unemployment Rate - Permittee	<u>6.00%</u>	501
Source:	<u>4/18</u>	
Unemployment Rate - County (use if permittee's rate is unavailable)	<u>N/A</u>	502
Benchmark:		
Average National Unemployment Rate	<u>3.90%</u>	503
Source:	<u>4/18</u>	

City of Greenville, Mississippi
Financial Capability Assessment
Median Household Income
Worksheet 6

		<u>Line Number</u>
Median Household Income - Permittee (Line 203)	<u>27,617</u>	601
Source:	<u>2012 Census</u>	
Benchmark:		
Census Year National MHI	<u>27,344</u>	602
MHI Adjustment Factor (Line 202)	<u>1.01</u>	603
Adjusted National MHI: (Line 602 x Line 603)	<u>27,617</u>	604
Source:	<u>2012 Census</u> <u>& Page 58 Table</u>	

City of Greenville, Mississippi
Financial Capability Assessment

Property Tax Revenues as a Percent of Full Market Property Value
Worksheet 7

		<u>Line Number</u>
Full Market Value of Real Property (Line 404)	<u>215,950,709</u>	701
Property Tax Revenues	<u>10,060,445</u>	702
Property Tax Revenue as a Percent of Full Market Value (702/701 x 100)	<u>4.658676356</u>	703

City of Greenville, Mississippi
Financial Capability Assessment
Property Tax Revenue Collection Rate
Worksheet 8

		<u>Line Number</u>
Property Tax Revenue Collected (Line 702)	<u>10,060,445</u>	801
Property Tax Levied	<u>10,249,260</u>	802
Property Tax Revenue Collection Rate (Line 801/Line 802 x 100)	<u>98.15776573</u>	803

City of Greenville, Mississippi
Financial Capability Assessment
Summary of Permittee's Financial Capability Indicators
Worksheet 9

Indicator	Column A: Actual Value	Column B: Score	Line Number
Bond Rating (Line 303)	N/A	1	901
Overall Net Debt as a Percent of Full Market Property Value (Line 405)	9.852509445	1	902
Unemployment Rate (Line 501)	6.00%	1	903
Median Household Income (Line 601)	27,617	1	904
Property Tax Revenues as a Percent of Full Market Property (Line 703)	4.658676356	1	905
Property Tax Revenue Collection Rate (Line 803)	98.15776573	3	906
Permittee's Indicators Score (Sum of Column B/Number of Entries)		1.333333333	907

City of Greenville, Mississippi
Financial Capability Assessment
Financial Capability Matrix Score
Worksheet 10

		<u>Line Number</u>
Residential Indicator Score (Line 205)	<u>5.667621447</u>	1001
Permittee Financial Capability Indicators Score (Line 907)	<u>1.333333333</u>	1002
Financial Capability Matrix Category (see matrix next page)	<u>High Burden</u>	1003

Persons Per Household	CURRENT		AVERAGE		WATER		BILL		PER		MONTH		Total Cost Of Water			
	Average Gallons Per Day	95	Days Per Month	30	Gallons Per Month	7,638	(per Ordinance) Threshold Gallons	3,000	Remaining Gallons	4,638	Cost For 1st 3,000	11.53		Cost for Excess	19.76	\$ 31.29

Persons Per Household	CURRENT	AVERAGE		SEWER	BILL	PER	MONTH	Total Cost Of Sewer
		Average Gallons Per Day	Days Per Month					
2.68	106	30	8,483	3,000	5,483	15.06	21.71	\$ 36.77

	FY 16/17 COLLECTIONS	FY 16/17 BILLINGS	TOTAL	PER Collection	MONTH Rate	\$
Water	4,904,771	5,232,886				
Sewer	3,067,564	3,864,429				
	7,972,335	9,097,315				
				AMOUNT	REALIZED	\$ 59.64

Collection Rate	87.63%	COST PER HOUSEHOLD (From Worksheet 1)	1,565
-----------------	--------	--	-------

[illegible]

GREENVILLE POPULATION TRENDS

YEAR	POPULATION	PERCENT CHANGE
1980	40,613	
1990	45,667	12.44%
2000	41,633	-8.83%
2010	34,400	-17.37%
2017*	30,686	-10.80%
2018**	30,213	-1.54%
2019**	29,747	-1.54%
2020**	29,289	-1.54%

ESTIMATED POPULATION LOSS 2000 - 2020	12,344	-29.65%
---------------------------------------	--------	---------

NOTE: 1980, 1990, 2000, 2010 DATA FROM CENSUS BUREAU DATA.

*2017 ESTIMATE FROM CENSUS BUREAU.

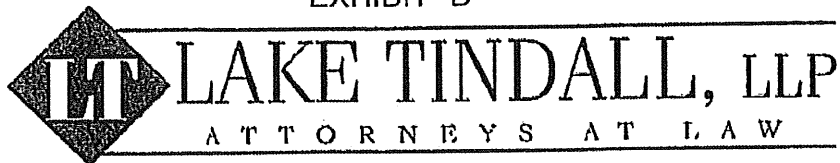
**2018, 2019, 2020 ESTIMATES BASED ON AVERAGE OF 2010 - 2017 POPULATION CHANGE.

EXHIBIT "C"

§ 21-33-303. Limitation of indebtedness

No municipality shall hereafter issue bonds secured by a pledge of its full faith and credit for the purposes authorized by law in an amount which, when added to the then outstanding bonded indebtedness of such municipality, shall exceed either (a) fifteen percent (15%) of the assessed value of the taxable property within such municipality, according to the last completed assessment for taxation, or (b) ten percent (10%) of the assessment upon which taxes were levied for its fiscal year ending September 30, 1984, whichever is greater. In computing such indebtedness, there may be deducted all bonds or other evidences of indebtedness, heretofore or hereafter issued, for school, water, sewerage systems, gas, and light and power purposes and for the construction of special improvements primarily chargeable to the property benefited, or for the purpose of paying the municipality's proportion of any betterment program, a portion of which is primarily chargeable to the property benefited. However, in no case shall any municipality contract any indebtedness which, when added to all of the outstanding general obligation indebtedness, both bonded and floating, shall exceed either (a) twenty percent (20%) of the assessed value of all taxable property within such municipality according to the last completed assessment for taxation or (b) fifteen percent (15%) of the assessment upon which taxes were levied for its fiscal year ending September 30, 1984, whichever is greater. Nothing herein contained shall be construed to apply to contract obligations in any form heretofore or hereafter incurred by any municipality which are subject to annual appropriations therefor, or to bonds heretofore issued by any municipality for school purposes, or to contract obligations in any form heretofore or hereafter incurred by any municipality which are payable exclusively from the revenues of any municipally-owned utility, or to bonds issued by any municipality under the provisions of Sections 57-1-1 through 57-1-51, or to any special assessment improvement bonds issued by any municipality under the provisions of Sections 21-41-1 through 21-41-53, or to any indebtedness incurred under Section 55-23-8.

All bonds issued prior to July 1, 1990, pursuant to this chapter by any municipality for the purpose of the constructing, replacing, renovating or improving wastewater collection and treatment facilities in order to comply with an administrative order of the Mississippi Department of Natural Resources issued pursuant to the Federal Water Pollution Control Act and amendments thereto, are hereby exempt from the limitation imposed by this section if the governing body of the municipality adopts an order, resolution or ordinance to the effect that the rates paid by the users of such facilities shall be increased to the extent necessary to provide sufficient funds for the payment of the principal of and interest on such bonds as each respectively becomes due and payable as well as the necessary expenses in connection with the operation and maintenance of such facilities.



FRANK S. THACKSTON, JR.
CHARLES S. TINDALL, III
ANDREW N. ALEXANDER, III
SUSAN N. O'NEAL, M.D., F.A.A.P.
APRIL D. ROBERTSON
HEATH S. DOUGLAS
SAMUEL GEORGE MADDOX

127 SOUTH POPLAR
P.O. Box 918
GREENVILLE, MS 38702-0918
(662) 378-2121
FACSIMILE (662) 378-2183

September 24, 2018

OF COUNSEL:
MARIAH S. ALEXANDER

WILLIAM T. WYNN
1890-1959
JEROME S. HAFER
1895-1949
J. ALBERT LAKE
1905-1987
CHARLES S. TINDALL, JR.
1912-2008
EDWIN W. TINDALL
1948-2014

SENDER'S EMAIL:
alexander@littindall.com

VIA FACSIMILE & U.S.P.S.

601-359-5025

Honorable Jim Hood
Attorney General of
The State of Mississippi
P. O. Box 220
Jackson, MS 39205-0220

RE: Official Opinion Request – Applicability of City's Debt Limitation pursuant
to Miss. Code Ann. § 21-33-303

EXPEDITED OPINION REQUESTED

Dear Attorney General Hood:

On behalf of the City of Greenville, Mississippi, a municipal corporation of the State of Mississippi ("the City"), request is hereby made for an opinion of the Attorney General concerning the matter outlined below.

Background

In the Spring of 2013, the City of Greenville was notified by the Atlanta Regional Office of the Environmental Protection Agency ("EPA") that it believed that the City's sanitary sewer collection system was in violation of Sections 301 and 402 of the Clean Water Act ("CWA").

The parties negotiated in good faith for several years and, ultimately, on April 6, 2016, a Partial Consent Decree was entered in the case styled *United States of America and the State of Mississippi vs. The City of Greenville, Mississippi*, Cause No.: 4:16-cv-00018, in the United States District Court for the Northern District of Mississippi, Greenville Division. The City has not admitted any liability in this matter. This Decree does not address all of the issues raised by the EPA, but was entered into in an attempt to address a majority of those issues. I should stress that this Opinion Request does not involve any of the issues addressed by the Partial Consent Decree; instead, it addresses only how the City may address internal financial issues that have arisen as the City has proceeded in satisfying its obligations under the Decree.

September 24, 2018

In brief, as the sanitary sewer evaluations required by the Decree have proceeded, they have indicated that the remedial measures required by the Decree will be substantially more expensive than initially expected. That fact, coupled with several unforeseen sewer problems – not addressed by the Decree, but urgently needed – have arisen. It now appears that these increased repair costs, when added to the previously anticipated expenses, will inevitably reach a level that will far exceed the City's "debt ceiling" under Miss. Code Ann. § 21-33-303, "*Limitations of Indebtedness*." That point will probably be recorded in the fourth quarter of F/Y 2019. Through this Opinion Request we seek guidance for the Mayor and City Council regarding Mississippi law in this area, as well as the potential liability of the city officials who must act in response to this situation. We also seek a definitive answer concerning whether, as a last resort, a municipality such as the City can seek relief in Federal Bankruptcy Court.

The Issues

The pertinent portion of Miss. Code Ann. § 21-33-303 appears to be fairly straightforward:

"[I]n no case shall any municipality contract any indebtedness which, when added to all of the outstanding general obligation indebtedness, both bonded and floating, shall exceed...[t]wenty percent (20%) of the assessed value of all taxable property within such municipality according to the latest completed assessment for taxation...."

It now appears that, because of the events mentioned above, the performance of activities to be performed under the Partial Consent Decree, when added to the unforeseen expenses, will result in a debt level that would substantially exceed the permissible total debt allowed under Miss. Code Ann. § 21-33-303. We have been unable to locate any approved exception to the maximum amount of debt contained in that statute. Accordingly, the first Opinion that we request is:

- 1) May the City incur a higher percentage of total debt than twenty percent (20%) of the assessed value of all taxable property within the City according to the last completed assessment for taxation?

Miss. Code Ann. § 21-33-303 does not specify a penalty for its violation. However, it stands to reason that, if the answer to question one, above, is "no," yet a city governing body actually votes to act in such a way that causes the city to incur an impermissible amount of debt, that vote would be in violation of the statute. That fact is, understandably, extremely concerning to our public officials. This leads to our second question:

September 24, 2018

- 2) What legal liability/responsibility, if any, would face a Mayor or Councilmember who voted in the affirmative on a motion to borrow an amount which, when added to all of the city's outstanding general obligation indebtedness, both bonded and floating, exceeds twenty percent (20%) of the value of the assessed taxable property in the city?

I am, frankly, almost hesitant to raise the final question in this Opinion Request – the availability under Mississippi law of municipal bankruptcy protection. While I cannot imagine a factual situation in which this would actually become an issue, it could conceivably arise.

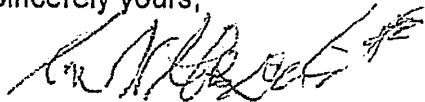
Municipal bankruptcies are controlled by Chapter 9 of the United States Bankruptcy Code. Specifically, under 33 U.S.C. § 109(c), under certain circumstances, municipalities can be eligible to file for Chapter 9 protection. However, in order for a municipality to be eligible for this relief, it must be "specifically authorized, in its capacity as a municipality or by name, to be a debtor under [Chapter 9] by state law, or by a governmental officer or organization empowered by state law to authorize such entity to be a debtor under [Chapter 9]. (11 U.S.C. § 109(c)(2)). We have been unable to identify any Mississippi "state law, governmental official or organization" that fits that description (although I suppose the "by name" language quoted above from 11 U.S.C. § 109(c)(2) could mean that local and private legislation specifically directed to Greenville, Mississippi by the Mississippi Legislature and signed by the Governor could constitute "specific authorization." We realize, of course, that your office does not opine in questions of Federal law. The question below, however, addresses only state law:

- 3) Under Mississippi law, is a municipality specifically authorized to be a "debtor" in a Chapter 9 bankruptcy filing?

We certainly appreciate your attention, and that of your office, in assisting us by providing responses to the three issues raised above. As always, if your office needs any further information or detail, they should contact me as quickly as possible so that I can provide the necessary information.

Thank you for your consideration in this matter.

Sincerely yours,



Andrew N. Alexander, III
City Attorney

LAKE TINDALL, LLP

PAGE 4

September 24, 2018

Cc: Errick D. Simmons, Mayor (via email)

ANAIL: slbp

APPENDIX E

AG OPINION LETTER TO CITY OF GREENVILLE (OCTOBER 5, 2018)

APPENDIX E

STATE OF MISSISSIPPI



JIM HOOD
ATTORNEY GENERAL

OPINIONS
DIVISION

October 5, 2018

Andrew N. Alexander, III
City Attorney
City of Greenville
Post Office Box 918
Greenville, MS 38702-0918

Re: Applicability of City's Debt Limitation pursuant to Miss. Code Ann. Section 21-33-303

Dear Mr. Alexander:

OFFICIAL OPINION
Attorney General Hood is in receipt of your request for an official opinion on behalf of the City of Greenville, and it has been assigned to me for research and reply.

Background

Your request states, in part:

In the Spring of 2013, the City of Greenville was notified by the Atlanta Regional Office of the Environmental Protection Agency (EPA) that it believed that the City's sanitary sewer collection system was in violation of Sections 301 and 402 of the Clean Water Act (CWA).

The parties negotiated in good faith for several years and, ultimately, on April 6, 2016, a Partial Consent Decree was entered in the case styled *United States of America and the State of Mississippi vs. The City of Greenville, Mississippi*, Cause No.: 4:16-cv-00018, in the United States District Court for the Northern District of Mississippi, Greenville Division. The City has not admitted any liability in this matter. This Decree does not address all of the issues raised by the EPA, but was entered into in an attempt to address a majority of those issues. I should stress that this Opinion Request does not involve any of the issues addressed by the Partial Consent Decree; instead, it addresses only how the City may address internal financial issues that have arisen as the City has proceeded in satisfying its obligations under the Decree.

In brief, as the sanitary sewer evaluations required by the Decree have proceeded, they have indicated that the remedial measure required by the Decree will be substantially more expensive than initially expected. That fact, coupled with several unforeseen sewer problems – not addressed by the Decree, but urgently needed – have arisen. It now appears that these increased repair costs, when added to the previously anticipated expenses, will inevitably reach a level that will far exceed the City's "debt ceiling" under Miss. Code Ann. Section 21-33-303, "*Limitations of Indebtedness*." That point will probably be recorded in the fourth quarter of F/Y 2019. Through this Opinion Request we seek guidance for the Mayor and City Council regarding Mississippi law in this area, as well as the potential liability of the city officials who must act in response to this situation. We also seek a definitive answer concerning whether, as a last resort, a municipality such as the City can seek relief in Federal Bankruptcy Court.

Questions Presented

Question 1: May the City incur a higher percentage of total debt than twenty percent (20%) of the assessed value of all taxable property within the City according to the last completed assessment for taxation?

In response, Miss. Code Ann. Section 21-33-303 states, in part:

No municipality shall hereafter issue bonds secured by a pledge of its full faith and credit for the purposes authorized by law in an amount which, when added to the then outstanding bonded indebtedness of such municipality, shall exceed either (a) fifteen percent (15%) of the assessed value of the taxable property within such municipality, according to the last completed assessment for taxation, or (b) ten percent (10%) of the assessment upon which taxes were levied for its fiscal year ending September 30, 1984, whichever is greater. In computing such indebtedness, there may be deducted all bonds or other evidences of indebtedness, heretofore or hereafter issued, for school, water, sewerage systems, gas, and light and power purposes and for the construction of special improvements primarily chargeable to the property benefited, or for the purpose of paying the municipality's proportion of any betterment program, a portion of which is primarily chargeable to the property benefited. **However, in no case shall any municipality contract any indebtedness which, when added to all of the outstanding general obligation indebtedness, both bonded and floating, shall exceed either (a) twenty percent (20%) of the assessed value of all taxable property within such municipality according to the last completed assessment for taxation or (b) fifteen percent (15%) of the assessment upon which taxes were levied for its fiscal year ending September 30, 1984, whichever is greater.**

In accordance with the limits set forth in the statute, we are of the opinion that the City may not incur a higher percentage of total debt than twenty percent (20%) of the assessed value of all taxable property within the City.

Question 2: What legal liability/responsibility, if any, would face a Mayor or Council member who voted in the affirmative on a motion to borrow an amount which, when added to all of the City's outstanding general obligation indebtedness, both bonded and floating, exceeds twenty percent (20%) of the value of the assessed taxable property in the City?

In response, this office does not opine on matters of civil or criminal liability. For informational purposes only, we note that Miss. Code Ann. Section 25-1-45 reads:

If any county, county district, or municipal officer who has executed bond for the faithful performance of duty shall knowingly or wilfully fail, neglect, or refuse to perform any duty required of him by law or shall violate his official obligations in any respect, the president or, in the absence or disability or default of the president, the vice-president of the board of supervisors in case of a county or county district officer, and the mayor in case of a municipal officer, or any person interested in either case shall cause suit to be brought on the bond of such officer for the recovery of the damages that may have been sustained thereby.

Additionally, Miss. Code Ann. Section 97-11-37 provides:

If any person, being sheriff, clerk of any court, constable, assessor, or collector of taxes, or holding any county office whatever, or mayor, marshal, or constable, or any other officer of any city, town, or village, shall knowingly or wilfully fail, neglect, or refuse to perform any of the duties required of him by law, or shall fail or refuse to keep any record required to be kept by law, or shall secrete the same, or shall violate his duty in any respect, he shall, on conviction thereof, be fined not exceeding One Thousand Dollars (\$1,000.00), or be imprisoned in the county jail not exceeding six (6) months, or both.

Question 3: In order for a municipality to be eligible to file for Chapter 9 bankruptcy protection, it must be specifically authorized to be a debtor by state law or by a governmental officer or organization empowered by state law to authorize the municipality to be a debtor. 11 USC Section 109(c)(2). We have been unable to identify any Mississippi law to that effect. Under Mississippi law, is a municipality specifically authorized to be a "debtor" in a Chapter 9 bankruptcy filing?

In response, the City of Greenville is not authorized to be a Chapter 9 debtor under current state law. In researching your question, we identified local and private

Andrew N. Alexander, III
October 5, 2018
Page 4

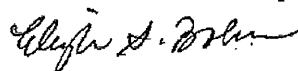
legislation which authorized a community hospital to file for Chapter 9 relief. (S.B. 3186, Chap. 901, Local & Private Laws 2008 Regular Session). It appears that the City would need to seek similar authorization from the legislature in order to proceed with a Chapter 9 filing.

Please let us know if this office can be of further assistance.

Sincerely,

JIM HOOD, ATTORNEY GENERAL

By:



Elizabeth S. Bolin
Special Assistant Attorney General

OFFICIAL OPINION

APPENDIX F

EPA LETTER OT THE CITY OF GREENVILLE (MARCH 20, 2019)



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 4
ATLANTA FEDERAL CENTER
61 FORSYTH STREET
ATLANTA, GEORGIA 30303-8960

MAR 20 2019

CERTIFIED MAIL 7017 1450 0000 7913 0612

RETURN RECEIPT REQUESTED

The Honorable Errick D. Simmons
Mayor of Greenville
340 Main Street
Greenville, Mississippi 38701

Re: Confirmation of Agreed-upon Submissions During March 1, 2019 Phone Call and Justification for Request to Modify Partial Consent Decree, Civil Action 4:16-cv-00018

Dear Mayor Simmons:

I am writing to confirm the details of our March 1, 2019 phone call regarding Greenville's compliance with the Partial Consent Decree (CD) in the above-referenced case and its recent request to modify the CD. Per our conversation, Greenville will submit the following items to the U.S. Environmental Protection Agency Region 4 and the Mississippi Department of Environmental Quality (MDEQ) by the indicated dates¹:

1. Sewer Use Ordinance – Written confirmation, by March 31, 2019, that Greenville presented its revised Sewer Use Ordinance for approval to both the City Council's Committee on Public Works and Infrastructure and the entire City Council.
2. Information Management System (IMS) Program – The IMS required by paragraph 23(b) of the CD, by April 4, 2019.
3. Termination of Greenville's Contract with ClearWater Solutions, LLC (ClearWater) – A description of Greenville's plan for transitioning operation of its Public Works Department from ClearWater to the City and a timeline for revising and submitting all CD-required Deliverables affected by the City's decision to terminate the ClearWater contract, by April 15, 2019.
4. Legal Support Program (LSP) – The LSP required by paragraph 23(i) of the CD, by April 15, 2019.
5. Financing and Cost Analysis Program (FCAP) – The FCAP required by paragraph 23(h) of the CD, by June 30, 2019.
6. Mini-System Evaluation Report/Rehabilitation Plan – The Mini-System Evaluation Report/Rehabilitation Plan for Group 1 mini-systems required by paragraph 21 of the CD, by

¹ The proposal in this letter of dates other than those required in the Partial Consent Decree does not waive the ability of the Plaintiffs to demand stipulated penalties for submittals that are late under the Partial Consent Decree.

July 31, 2019.

As discussed during our phone call, Greenville will submit documentation to the EPA and the MDEQ by July 31, 2019, to substantiate its request to modify the CD. If Greenville is unable to meet this deadline, please propose, within two weeks of your receipt of this letter, a schedule for rolling submission. The necessary documentation includes:

1. A justification for all elements of the proposed CD modification, including a current Financial Capability Assessment (FCA) that demonstrates Greenville's changed financial circumstances, and supporting documentation for the justification. The FCA should be developed in accordance with the EPA's 1997 Combined Sewer Overflows – Guidance for Financial Capability Assessment and Schedule Development² and should include detailed explanations and supporting documentation of changes to any of the following:
 - a. FCA factors, including, if applicable to Greenville, Median Household Income, number of households in Greenville's service area, bond rating, and unemployment rate.
 - b. Cost estimates and explain in detail how the cost estimates were developed. The EPA will need to verify these cost estimates.
 - c. The Residential Indicator.
 - d. The Financial Capability Indicator.
2. Any "additional information," in accordance with the EPA's 2014 Financial Capability Assessment Framework.³ Examples of additional information that may be applicable to Greenville include:
 - a. New information regarding other costs or financial obligations, such as those that relate to drinking water or other infrastructure, that significantly affect Greenville's ability to raise revenue.
 - b. New information regarding income distribution by quintile, geography or other breakdown, illustrating how income distribution in the service area differs from comparable data on the national level or for similar cities.
 - c. New rate determination studies used to develop and support recent rate increases, including the following:
 - i. Rate escalation tables reflecting annual expected rate increases for the proposed time extension and for 15- and 20-year extensions. The rate study should include expected debt burden, operation and maintenance, asset management, facility maintenance, emergency reserves and any other costs associated with the proper operation and maintenance of the wastewater treatment system. A blank rate escalation table is enclosed.

² Document available at: <https://www3.epa.gov/npdes/pubs/csofc.pdf>

³ Document available at: https://www.epa.gov/sites/production/files/2015-10/documents/municipal_fca_framework.pdf



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 4
ATLANTA FEDERAL CENTER
61 FORSYTH STREET
ATLANTA, GEORGIA 30303-8960

- ii. An analysis of the maximum CD costs per household as a percentage of median household income and of lowest quintile income for the proposed time extension and for 15- and 20-year extensions.
3. A description of all efforts to minimize delay in implementing Greenville's CD obligations.
4. A detailed description of the proposed modification(s), including, if applicable to Greenville's request, schematics and maps to illustrate the configuration of the proposed modification(s).
5. A list of all proposed changes to existing CD milestones.
6. A discussion of the impact of the proposed modification(s) on the performance of any other CD requirement(s).
7. Proposed alternative CD language that reflects the proposed modification(s), including, if applicable to Greenville's request, descriptions, design criteria, performance criteria, and milestones.
8. Cost information for the proposed modification(s) in present value and a detailed explanation of how the cost estimates were developed.

Please have your attorneys contact Mr. Nathan Stopper, EPA Associate Regional Counsel, at (404) 562-9581 or stopper.nathan@epa.gov if you have questions regarding the above list.

Sincerely,

A handwritten signature in black ink, appearing to read "Jeaneanne M. Gettle", is written over the typed name and title.

Jeaneanne M. Gettle, Director
Water Protection Division

Enclosure

cc: See Attached Mailing List

Mailing List:

Ms. Diane Schober
Chief, Municipal and Private Facilities
Environmental Compliance and Enforcement Division
Office of Pollution Control
Mississippi Department of Environmental Quality
P.O. Box 2261
Jackson, MS 39225-2261

Ms. Valerie K. Mann
Environmental Enforcement Section
Environment and Natural Resources Division
U.S. Department of Justice
Post Office Box 7611
Washington, D.C. 20044-7611

Mr. Andrew N. Alexander III, Esq.
Lake Tindall, LLP
P.O. Box 918
Greenville, MS 38702-0918

Mr. Jimmy Palmer
Palmer Environmental Consulting, LLC
778 Shady Oaks Circle
Oxford, MS 38655

Rate Increases for Compliance Schedule, Assuming 15, 20 and 25-Year Escalation of Rates

Year	Compliance dates			
	Current Compliance Date	15 year extension (2037)	20 year extension (2042)	25 year extension (2047)
2020	Calculate needed rate hikes in % for 2% MHI target			
2021				
2022				
2023				
2024				
2025				
2026				
2027				
2028				
2029				
2030				
2031				
2032				
2033				
2034				
2035				
2036				
2037				
2038				
2039				
2040				
2041				
2042				
2043				
2044				
2045				
2046				
2047				
*Max Cost per HH as a % of MHI:				
*Max Cost per HH as a % of LQI:				

* Calculate Cost per HH as a % Median Household Income and Lowest Quintile Income per household at the end compliance date.

Scenario Assumptions:

Target a 2.0 household impact

The primary constraint is _____

The secondary constraint is _____

Other applicable notes...

"Escalation of Rates" meaning the percentage at which an annual change in the price levels of goods and services (specifically: sewer services) which occurs or is expected to occur over a period of time.