



April 30, 2019

Chief, Environmental Enforcement Section
Environment and Natural Resources Division
U.S. Department of Justice
Box 7611 Ben Franklin Station
Washington, D.C. 20044-7611
Re: DOJ No. 90-5-1-1-09841

Brad Ammons
Environmental Engineer
Clean Water Enforcement Branch
Municipal and Industrial Enforcement
U.S. EPA Region 4
61 Forsyth Street, SW
Atlanta, GA 30303

Karl Fingerhood
Environmental Enforcement Section
U.S. Department of Justice
Box 7611 Ben Franklin Station
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Diane Schober
Office of Pollution Control
Environmental Compliance & Enforcement Div.
P.O. Box 2261
Jackson, MS 39225-2261

Re: City of Jackson, Mississippi - EPA Consent Decree
Annual Report No. 6

Dear Lady and Sirs:

On behalf of the City of Jackson, please find enclosed the Jackson Consent Decree Annual Report # 6. Should you have any questions, please contact me.

Sincerely,

A handwritten signature in blue ink that reads "David Hauser".

David Hauser, P.E.
Program Manager

Enclosure

cc: Honorable Chokwe Antar Lumumba, Mayor, City of Jackson
Timothy C. Howard, City Attorney, City of Jackson
Robert Miller, Director of Public Works, City of Jackson
Terry Williamson, Legal Counsel, City of Jackson
Public Depository, Eudora Welty Public Library



The City of
JACKSON

**ANNUAL REPORT
REPORT NO. 6**

MARCH 2018 THROUGH FEBRUARY 2019

Department of Public Works
Consent Decree Program

City of Jackson
Wastewater Consent Decree Program

Annual Report No. 6
March 2018 through February 2019

April 30, 2019

Prepared for:

City of Jackson
Department of Public Works
P.O. Box 17
Jackson, MS 39205-0017

Prepared by:

Burns & McDonnell Engineering, Inc.

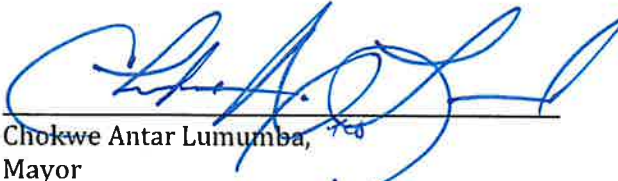
City of Jackson, Mississippi

Annual Report No. 6

March 2018 through February 2019

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.




Chokwe Antar Lumumba,
Mayor

4/29/19
Date


Robert K. Miller, Director
Department of Public Works

April 23, 2019
Date

Annual Report No. 6

March 2018 through February 2019

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1.0 Introduction

1.1 Consent Decree Overview

On March 1, 2013, the Consent Decree (CD) agreed to by the City of Jackson, Mississippi, U.S. Environmental Protection Agency (EPA), and the Mississippi Department of Environmental Quality (MDEQ) regarding the wastewater collection and treatment system was entered by the U.S. Court, Southern District of Mississippi. Over a 17.5-year timeline, the Consent Decree requires the City to:

- Develop, submit, finalize, and implement plans for the continued improvement of the Wastewater Collection and Transportation System (WCTS) and Wastewater Treatment Plants (WWTPs);
- Eliminate Sanitary Sewer Overflows (SSOs), effluent limit violations (including any violations of the new effluent limits for nutrients), and reporting violations, and
- Minimize Prohibited Bypasses.

One of the ongoing requirements of the EPA Consent Decree is to submit periodic reports to demonstrate continuing compliance. The specific reporting requirements of the CD are described below.

1.2 Authority to Promulgate

The Program Management team compiled this Annual Report from information provided by the City and its contractors to fulfill the requirements of Section IX ¶ 57 (c) set forth in the CD.

1.3 Consent Decree Requirements for Annual Report

As stated in the Consent Decree Section IX ¶ 57 (c), the Annual Report shall be submitted beginning sixty (60) Days after the first full twelve (12)-month period following the Date of Entry of the CD, and sixty (60) Days after each subsequent twelve (12)-month period until termination of the Consent Decree, and shall include, at a minimum:

(i) A summary of the CMOM Programs implemented or modified pursuant to this Consent Decree, including a comparison of actual performance with any performance measures that have been established.

(ii) A trends analysis of the number, volume, duration, and cause of the City's SSOs for a twenty-four (24)-month period updated to reflect the SSOs that occurred during the previous

twelve (12)-month period except that the first Annual Report shall only include the first twelve (12) months.

(iii) A trends analysis of the number, volume, duration, and cause of all Prohibited Bypasses for a twenty-four (24)-month period updated to reflect the Prohibited Bypasses that occurred during the previous twelve (12)-month period except that the first Annual Report shall only include the first twelve (12) months.

1.4 Compliance Statement for Annual Report

Because of the City's financial issues, lack of funding and staffing shortage in the Sewer Maintenance Department, the City has been unable to fully implement all aspects of the original Consent Decree. For the reporting period of March 1, 2018 through February 28, 2019, the City of Jackson, to the best of its knowledge, is compliant with the requirements of the Consent Decree entered on March 1, 2013, except with the late submissions and not achieving full implementation of the following items:

- Semi-Annual Report 7
- Quarterly Reports 14 and 15
- Annual Report 4
- Private Lateral Program
- Gravity Line Preventative Maintenance Program
- Training Program
- Sewer Overflow Response Program (SORP)
- Water Quality Monitoring Program
- Fats, Oils and Grease (FOG) Program
- Pump Stations Operations Program
- Pump Stations Preventative Maintenance Program
- WWTP Operations and Maintenance (O&M) Program
- Capacity Assurance Program (CAP)
- Group 1 SSES Field Work
- Group 1 Sewershed Rehabilitation Plan
- Supplemental Environmental Project (SEP)

Despite these challenges the City has continued to partially to significantly implement many of the above tasks. The City has begun the Consent Decree modification negotiations in hopes to right size their Consent Decree Program and make it more affordable for their citizens and achievable for the City.

1.5 City Meetings with EPA and MDEQ

The City conducted multiple meetings with regulatory authorities during the reporting period to provide updates on the status of the Consent Decree program implementation and to discuss the

challenges the City were dealing with to complete these tasks. Below is a listing of the meetings and telephone conference calls that were conducted during the reporting period:

Date	Location	Purpose
4/18/18	EPA office (Atlanta)	Consent Decree Status Update Meeting
5/10/18	Conference Call	Consent Decree Status Update Meeting
6/28/18	Conference Call	Consent Decree Status Update Meeting
8/9/18	EPA office (Atlanta)	Consent Decree Status Update Meeting
10/26/18	Conference Call	Technical Call on SORP, FOG and Gravity Line Preventative Maintenance CMOM Programs Status
11/15/18	Conference Call	Technical Call on CMOM Programs Status
12/20/18	Conference Call	Technical Call on West Bank Interceptor, SEP and Staffing Resources Status

2.0 Capacity, Management, Operations and Maintenance Programs

The Consent Decree Section VI, D ¶ 31 through 43 requires the City to implement various programs to properly manage, operate and maintain sanitary wastewater collection, transmission and treatment systems, investigate capacity-constrained areas of these systems, and respond to SSO events.

Each section below provides the annual summary of activities for that particular capacity, management, operations, and maintenance (CMOM) program. Milestones achieved within the last period and milestones anticipated for the next reporting period are also listed.

2.1 Training Program

The Training Program is one of the CMOM Programs that is significantly implemented, but not fully implemented. The three main items that are needed include:

- 1) Hire or name a Full Time Training Program Coordinator;
- 2) Update the Training Program Report/Manual to incorporate the new employee training record that identifies specific training for each City job classification.
- 3) Update the Training Program Report/Manual to incorporate add training requirements to each specific job description that is required in the Public Works Department.

Significant milestones reached this period for this activity:

- **Completed 184 man-hours of training in this past reporting period.**
- **Training scheduling has been impacted by the vacancy created when the Training Coordinator left in the Fall of 2018. The City immediately named an Interim Training Coordinator, but a permanent Training Program Coordinator has not been named.**
- **An Implementation Checklist has been developed and completed to assist the City and Program Team to assess the level of implementation of the Consent Decree requirements for the Training Program.**
 - **The Checklist was used to assess the implementation of the Training Program. The Program is near full implementation; the outstanding items are to update the Training Program**

Manual/Report to reflect the changes in procedures, as required by the Consent Decree:

- **Training topics completed during the reporting period are summarized in the following table:**

Department of Public Works Training Report Consent Decree Training List			
Subject	Summary	Date	Status
Personal Protective Equipment	By Training Program Coordinator	2/14/2018	Completed
Hydrogen Sulfide Awareness	Training Program Coordinator thru LMS	2/28/2018	Completed
Trenching and Shoring	Training Program Coordinator thru LMS	3/7/2018	Completed
Confined Spaces	Training Program Coordinator thru LMS	3/14/2018	Completed
Load Securement	Training Program Coordinator thru LMS	3/28/2018	Completed
Ladder Safety	Training Program Coordinator thru LMS	4/4/2018	Completed
Electrical Hazard Safety	Training Program Coordinator thru LMS	4/11/2018	Completed
Machine Guarding	Training Program Coordinator thru LMS	4/18/2018	Completed
Aerial Lift Safety	Training Program Coordinator thru LMS	4/25/2018	Completed
Hazard Communication	Training Program Coordinator thru LMS	5/2/2018	Completed
Material Handling Safety	Training Program Coordinator thru LMS	5/9/2018	Completed
Distracted Driving	Training Program Coordinator thru LMS	5/16/2018	Completed
Bloodborne Pathogens	Training Program Coordinator thru LMS	5/23/2018	Completed
Back Safety	Training Program Coordinator thru LMS	5/30/2018	Completed

Subject	Summary	Date	Status
Compressed Gas Cylinder Safety	Training Program Coordinator thru LMS	6/6/2018	Completed
Fall Protection	Training Program Coordinator thru LMS	6/13/2018	Completed
Lockout/Tagout	Training Program Coordinator thru LMS	6/20/2018	Completed
Sanitary Sewer Overflow (SSO) Reporting	David Willis (Waggoner)	6/27/2018	Completed
Heat Safety	Training Program Coordinator thru LMS	7/11/2018	Completed
Respiratory Protection	Training Program Coordinator thru LMS	7/18/2018	Completed
Occupational Ergonomics	Training Program Coordinator thru LMS	7/25/2018	Completed
Fire Safety	Training Program Coordinator thru LMS	8/1/2018	Completed
Hand and Power Tool Safety	Training Program Coordinator thru LMS	8/8/2018	Completed
Slip, Trip and Fall	Training Program Coordinator thru LMS	8/15/2018	Completed
Commitment to Safety	Training Program Coordinator thru LMS	8/22/2018	Completed
Cold Stress Safety	Training Program Coordinator thru LMS	8/29/2018	Completed
Cut and Puncture Prevention	Training Program Coordinator thru LMS	9/5/2018	Completed
Walking and Working Surfaces	Training Program Coordinator thru LMS	9/12/2018	Completed

Subject	Summary	Date	Status
Struck By Hazards	Training Program Coordinator thru LMS	9/19/2018	Completed
Caught-In Between Hazards	Training Program Coordinator thru LMS	9/26/2018	Completed
Flammable and Combustible Liquids	Training Program Coordinator thru LMS	10/3/2018	Completed
Good Housekeeping	Training Program Coordinator thru LMS	10/10/2018	Completed
Job Hazard Analysis	Training Program Coordinator thru LMS	10/17/2018	Completed
Stress Management	Training Program Coordinator thru LMS	10/24/2018	Completed
Flagging/Traffic Control	Training Program Coordinator thru LMS	10/31/2018	Completed
How to Handle Workplace Emergencies	Training Program Coordinator thru LMS	11/7/2018	Completed
Leadership in Safety	Training Program Coordinator thru LMS	11/14/2018	Completed
Distracted Driving	Training Program Coordinator thru LMS	11/28/2018	Completed
Severe Weather Awareness	Training Program Coordinator thru LMS	12/5/2018	Completed
Basic First Aid Part 1	Training Program Coordinator thru LMS	12/12/2018	Completed
Basic First Aid Part 2	Training Program Coordinator thru LMS	12/19/2018	Completed

Subject	Summary	Date	Status
Caught In-Between Hazards	Litmos Online Training Module	1/9/2019	Completed
Workplace Violence Prevention	Litmos Online Training Module	1/16/2019	Completed
Sanitary Sewer Overflows	Litmos Online Training Module	1/23/2019	Completed
Working Around Mobile Equipment	Litmos Online Training Module	2/6/2019	Completed

Significant milestones anticipated during the next reporting period:

- **Finalize the Training Program update in consultation with the Public Works Director, as required by the Consent Decree.**
- **Continue to develop training objectives for each employee. Interim Training Coordinator will work with managers/supervisors to develop employee specific training plans.**
- **Review Training Program objectives annually with Public Works Director and propose Program amendments as necessary, based on available funding.**
- **Continue to look to hire a permanent Training Coordinator for the Program, if City has available funding to hire.**
- **Prepare certification letter for Director to sign indicating the Training Program has been fully implemented according to the requirements of the Consent Decree.**
- **A preliminary list of training topics anticipated to be covered during the next reporting period are summarized in the following table:**

**Department of Public Works Training Report
Consent Decree Training List**

Subject	Summary	Date	Status
Vactor Jet Truck Safety	Litmos Online Training Module	2/27/2019	Completed
Personal Protective Equipment	Litmos Online Training Module	3/06/2019	Completed
Slips, Trips and Falls	Litmos Online Training Module	3/20/2019	Completed
Distracted Driving	Litmos Online Training Module	3/27/2019	Upcoming
Emergency Preparedness	Litmos Online Training Module	4/10/2019	Upcoming
Dangers of Confined Spaces	Litmos Online Training Module	4/17/2019	Upcoming
Damage Safety	Jasper Bruce with Atmos Energy	4/23/2019	Upcoming
Heat Safety	Litmos Online Training Module	5/1/2019	Upcoming
Load Securement	Litmos Online Training Module	5/8/2019	Upcoming
Struck By Hazards	Litmos Online Training Module	5/15/2019	Upcoming
Stormwater Pollution Prevention	Litmos Online Training Module	5/22/2019	Upcoming
Hydrogen Sulfide Awareness	Litmos Online Training Module	5/29/2019	Upcoming
Hand and Power Tool Safety	Litmos Online Training Module	6/5/2019	Upcoming
Severe Weather Awareness	Litmos Online Training Module	6/12/2019	Upcoming
Spill Response Video	Litmos Online Training Module	6/19/2019	Upcoming

Subject	Summary	Date	Status
Trenching and Excavation Safety	Litmos Online Training Module	6/26/2019	Upcoming
Ladder Safety	Litmos Online Training Module	7/3/2019	Upcoming
Utility Safety in Work Zones	Litmos Online Training Module	7/10/2019	Upcoming
Reactive Hazards- Danger of Uncontrolled Chemical Reactions	Litmos Online Training Module	7/17/2019	Upcoming
Respirators in the Workplace	Litmos Online Training Module	7/24/2019	Upcoming
Occupational Ergonomics	Litmos Online Training Module	7/31/2019	Upcoming
Fire Safety	Litmos Online Training Module	8/7/2019	Upcoming
Sexual Harassment	Litmos Online Training Module	8/14/2019	Upcoming
Hearing Conservation	Litmos Online Training Module	8/21/2019	Upcoming
Bloodborne Pathogens	Litmos Online Training Module	8/28/2019	Upcoming
Flammable and Combustible Liquids	Litmos Online Training Module	9/4/2019	Upcoming
How to Handle Workplace Emergencies	Litmos Online Training Module	9/11/2019	Upcoming
Manual Material Handling/Safe Lifting- Back Safety	Litmos Online Training Module	9/18/2019	Upcoming
Machine Guarding	Litmos Online Training Module	9/25/2019	Upcoming
Lockout/Tagout	Litmos Online Training Module	10/2/2019	Upcoming
Cold Stress Safety	Litmos Online Training Module	10/9/2019	Upcoming
Vehicle Pre-Trip Inspections	Litmos Online Training Module	10/16/2019	Upcoming
Job Hazard Analysis	Litmos Online Training Module	10/23/2019	Upcoming
Flagging/Traffic Control	Litmos Online Training Module	10/30/2019	Upcoming

Subject	Summary	Date	Status
Field Safety	Litmos Online Training Module	11/6/2019	Upcoming
Stress Management	Litmos Online Training Module	11/13/2019	Upcoming
Cut and Puncture Prevention	Litmos Online Training Module	11/27/2019	Upcoming
Fall Protection Safety	Litmos Online Training Module	12/4/2019	Upcoming
Trenching and Shoring	Litmos Online Training Module	12/11/2019	Upcoming
Aerial Lift Safety	Litmos Online Training Module	12/18/2019	Upcoming

2.2 Sewer Overflow Response Plan

The City submitted to MDEQ a SORP on September 28, 2011, pursuant to the MDEQ Agreed Order I. MDEQ approved the SORP on October 10, 2011. A copy of the SORP is Appendix E to the Consent Decree. The City shall continue to implement the SORP as an enforceable obligation under the Consent Decree. Key elements in the SORP are:

- Overflow identification and Response Procedures
- Building Backups Procedure
- Public Advisory Procedure
- Regulatory Agency Notification Procedure
- Long Term Corrective Action Procedure
- Personnel Training

This CMOM Program is significantly implemented. This CMOM Program misses full implementation due to lack of staffing as well as lack of funding. Public notification procedures need to be included in the Program Report. Because of the lack of City staff, crews were not developed for each of the four City zones that were originally created. The dispatching of maintenance personnel within 1-hr or 2-hr of being notified is also a challenge to the City due to lack of personnel.

Significant milestones reached this period for this activity:

- **Continued remotely monitoring high water alarms on all lift stations.**
- **Conducted training session with emphasis on proper completion of SSO Report form.**

- **Continued monthly updates of post rainfall inspection lists and mapping through the reporting period.**
- **Continued Regulatory Agency notifications.**
- **An Implementation Checklist has been developed and completed to assist the City and Program Team to assess the implementation of the Consent Decree requirements for the SOR Program.**
 - **The Checklist was used to assess the implementation of the SOR Program. It was found to be close to fully implemented. Due to limited funding and staffing, full implementation of this CMOM Program has not occurred.**
- **Conducted 1,356 post rainfall location inspections during this annual reporting period. Of those inspections, 165 locations were found to have an SSO occurring or evidence of a previous SSO. These locations were reported to Sewer Maintenance for follow up response.**
- **Continued routine inspections of locations that have unresolved issues, such as collapsed pipes that have contributed to SSOs.**
- **Continued mapping of Food Service Establishments (FSEs), collection system failures, dry weather and wet weather SSO locations, including chronic SSO locations.**
- **Submitted Quarterly Reports #20, #21, #22, #23 and #24 (this report is due at the end of April 2019).**

Significant milestones anticipated during the next reporting period:

- **Review SSO locations with multiple occurrences (chronic SSOs) and determine needs based on City's available funding.**
- **If funding is available, Program team will continue updating map to identify locations with multiple SSOs for City inspection.**
- **Update and maintain SSO database during the reporting period, if funding is available for the Program team to complete this task.**
- **Continue to remotely monitor all pump station high water levels and respond accordingly - by Veolia.**

- **Continue to QA/QC SSO data during the reporting period as funding is available for the Program team to complete this task.**
- **Continue to submit timely Quarterly Reports as required by the Consent Decree.**
- **Continue to develop/refine Standard Operating Procedures (SOPs) for activities conducted under the SORP by City personnel.**

2.3 Inter-Jurisdictional Agreement Program

The City shall have an Inter-Jurisdictional Agreement Program for when the City reopens or renews existing agreements or enters into new agreements that cover the collection, conveyance, and treatment of sewage by the City from municipal satellite sewer systems and/or large volume sewer customers.

The program shall delineate the minimum provisions to be set forth in these agreements. Such provisions shall include requirements on the contracting party to properly manage, operate, and maintain its sewage collection and conveyance systems including, without limitation, the management of FOG and the minimization of peak flows into the City's Sewer System by excluding, to the maximum reasonable extent, I/I.

The City has this Agreement in place and uses its requirements when developing new Sewer Agreements with satellite customers that want to discharge wastewater into the City's wastewater system. The use of this Inter-Jurisdictional Agreement is being followed by the City in its negotiations and development of an Agreement with the City of Byram, MS. The City of Byram recently purchased the Forest Woods Utility that has three wastewater pump stations.

Significant milestones reached this period for this activity:

- **An Implementation Checklist has been developed and completed to assist the City and Program Team to assess the completion of the Consent Decree requirements for the Inter-Jurisdictional Program.**

- **The Checklist was used to assess the implementation of the Program. It was found to have been fully implemented.**
- **The City of Byram purchased Forest Woods Utility in an asset purchase. Forest Woods Utility is one of the City's sewer treatment customers. Presently, the City of Byram and Jackson have agreed to proceed under the existing Sewer Treatment Contract between the City and Forest Woods Utility. As a part of that transaction, Forest Woods Utility owed outstanding sewer treatment bills to the City of Jackson.**
- **The City has been negotiating for the purchase of B & G Utilities (a small utility that was located in an area annexed by the City of Jackson) but encountered an issue with the tying in of that utility to the City's collection system and decommissioning the treatment lagoon. The original authorization to negotiate an asset purchase of B & G Utilities (same owners of Forest Woods Utility) did not account for this need. Under the terms of the City's Annexation, it was to acquire any utilities having a certificate of necessity from the Mississippi Public Service Commission. To date the City has not acquired B & G Utilities. The money to pay the outstanding sewer treatment charges owed the City of Jackson was placed in escrow as part of the Forest Woods Utilities sale. The City continues to negotiate with the owners of B & G Utilities for a turnkey solution that would have them connect B & G to the City's collection system and decommission the treatment lagoon. As of this writing, the City is approximately 20% complete with the inter-jurisdictional agreement for the purchase of the B&G Utility.**

Significant milestones anticipated during the next reporting period:

- **Complete the inter-jurisdictional agreement with the City of Byram, MS.**
- **Prepare certification letter for Director to sign indicating the Inter-Jurisdictional Program has been fully implemented according to the requirements of the Consent Decree.**
- **Implement Program procedures as required.**

2.4 Private Lateral Program

Because of a lack of funding and the City decided to focus its intention on development of the Supplemental Environmental Project (SEP), which has similar goals of repairing or replacing sanitary sewer service laterals, this CMOM Program received a lower priority from the City and Program Team. For these reasons, the City has not moved forward with the Private Lateral Program.

Significant milestones reached this period for this activity:

- **An Implementation Checklist has been developed and completed to assist the City and Program Team to assess the completion of the Consent Decree requirements for the Private Lateral Program.**
 - **The Checklist was used to assess the implementation of the Program. No action has been taken to implement this Program due to lack of funding and personnel.**
- **No progress was made in the previous reporting period on the Private Lateral Program due to lack of funding and staffing issues.**

Significant milestones anticipated during the next reporting period:

- **This is one of the MOM Programs the City wants to defer for a period of time through negotiation of the Consent Decree Modification.**
- **No activity is planned for the subsequent period due to lack of funding and staffing issues.**

2.5 Water Quality Monitoring Program

Because of a lack of funding, the high number of emergency sewer failures and the large amount and volumes of SSOs, this CMOM Program received a lower priority from the City and Program Team because it would not be cost effective to spend limited funds on sampling, monitoring and testing for water quality when we know it would be poor because of the above issues. It was decided to focus the City's limited financial resources on fixing as many of the emergency sewer

failures and reducing the number of SSOs, then starting a Water Quality Monitoring Program. For these reasons, the City has not moved forward with the Water Quality Monitoring Program.

Significant milestones reached this period for this activity:

- **An Implementation Checklist has been developed and completed to assist the City and Program Team to assess the completion of the Consent Decree requirements for the Water Quality Monitoring Program.**
 - **The Checklist was used to assess the implementation of the Program. No action has been taken to implement this Program due to lack of funding and personnel.**
- **No progress was made in the previous reporting period on the Water Quality Monitoring Program due to lack of funding and staffing issues.**

Significant milestones anticipated during the next reporting period:

- **This is one of the MOM Programs the City wants to defer for a period of time through negotiation of the Consent Decree Modification.**
- **No activity is planned for the subsequent reporting period due to lack of funding and staffing issues.**

2.6 Pump Station Operations Program

The City's contract operator, Veolia, is in charge of operations and maintenance of the City's Pump Stations and Wastewater Treatment Plants. The responsibility to meet the City's Pump Station Operations CMOM Program is written into Veolia's contract with the City of Jackson. The City only recently asked Veolia to provide a written letter certifying that they have met all requirements of this CMOM Program. Veolia provided input to the City's CMOM Implementation Checklist for this program and from the monthly Operations meeting that is held with Veolia it appears that a majority of this Program's requirements are being completed, but it is not yet known if the certification letter verifying those requirements has been received by the City.

Significant milestones reached this period for this activity:

- **Pump station SSOs occurrences totaled 5 for the period of March 2018 through February 2019. This compares to a total of 28 for 2017/2018.**
- **Emergency Pump Around (EPA) connections have been installed at 40 of the 98 pump stations. The City, Program Team and Veolia have completed cost analysis on adding emergency generator quick connections and EPAs and developed a phased plan to install these items at the remaining stations as funding becomes available.**
- **An Implementation Checklist has been developed and completed to assist the City and Program Team to assess the completion of the Consent Decree requirements for the Pump Station Operations Program.**
 - **The Checklist was used to assess the implementation of the Program. The contract operator (Veolia) is required to be compliant with the approved Pump Station Operations Program as part of their contract with the City.**

Significant milestones anticipated during the next reporting period:

- **Monitor that contract operator is meeting the Consent Decree requirements, as part of their contract.**
- **Continue implementation of Program as approved.**
- **Veolia to continue to install EPAs and emergency generator quick connections to pump stations according to the phased plan and as the City has available funding for these projects.**
- **The City is approximately 20% complete with the inter-jurisdictional agreement for the purchase of the B&G Utility. Once the agreement is completed, one new pump station will be added to Veolia's list of regular pump station inspections.**

2.7 Fats, Oil and Grease (FOG) Program

The FOG Program is one of the CMOM Programs that is almost fully implemented. The last key requirement item was completion of the Public Outreach for the FOG Program. This was completed towards the end of the summer and early fall, by virtue of the City producing a FOG video that was placed on the City's website and the Mayor's public announcement of the "Can the Grease"

campaign. This was followed by a public education campaign at many neighborhood association meetings where the City's Community Liaison discussed proper grease disposal methods and instructions on how to save the cooking grease in a can with a City orange lid then to throw the can in the trash when it was full of grease and reuse the lid.

Monthly FOG Progress reports were kept by the Program Team and first-time courtesy inspections were completed on the Food Service Establishments (FSEs) and that led to formal on-site inspections by the Program Team's FOG Inspectors. These inspections led to a few Notice of Violations, with FSEs implementing FOG requirements before further action was required. There was an instance of illegal dumping that was caused and that led to further punitive action by the City's Legal Department.

This program was being administered and staffed by the Program team. However, in recent months this scoped task ceased until further funding can be obtained. City staff is being trained to only complete the FOG inspections of new FSEs starting up in the City, so this way the City can obtain permitting fees and inform and train new FSEs to the City's FOG Program and of its requirements.

Significant milestones reached this period for this activity:

- **Approximately 1,029 Food Service Establishments (FSEs) have been entered into the City's Database.**
- **Approximately 1,719 FOG Inspections have been conducted by the City/Program Team on the FSEs.**
- **New Sewer Use Ordinance containing FOG provisions, including enforcement stipulations, adopted by City Council effective April 1, 2018. Formal FOG inspections commenced immediately.**
- **Rolled out the FOG Public Outreach campaign to Jackson residents. Residents were provided with bookmarks printed on both sides with proper FOG disposal steps. A "CAN THE GREASE" campaign with plastic lids presented at various public places with City logo and proper FOG disposal steps listed on it.**
- **Posted the FOG training video on City's website so it can be used by restaurant managers for employee training as required by Sewer Use Ordinance.**

- **An Implementation Checklist has been developed and completed to assist the City and Program Team to assess the completion of the Consent Decree requirements for the Fats, Oils and Grease Program.**
 - **The Checklist was used to assess the implementation of the Program. With the City's financial crisis and Program team not operating the FOG Program currently, this program is not fully implemented.**

Significant milestones anticipated during the next reporting period:

- **Continue to update the FSE database on CityWorks as long as funding is available.**
- **If funding is available, continue formal compliance inspections and enforcement according to the Sewer Use Ordinance. However, at the time of this Report, due to the limited funding the Program Team has discontinued the compliance inspections. City staff will only continue FOG inspections for new FSEs due to limited funding and City personnel.**

2.8 Pump Station Preventive Maintenance Program

The City's contract operator, Veolia, is in charge of operations and maintenance of the City's Pump Stations and Wastewater Treatment Plants. The responsibility to meet the City's Pump Station Preventative Maintenance CMOM Program is written into Veolia's contract with the City of Jackson. The City only recently asked Veolia to provide a written letter certifying that they have met all requirements of this CMOM Program. Veolia provided input to the City's CMOM Implementation Checklist for this program and from the monthly Operations meeting that is held with Veolia, it appears that a majority of this Program's requirements are being completed, but it is not yet known if the certification letter verifying those requirements has been received by the City.

Significant milestones reached this period for this activity:

- **An Implementation Checklist has been developed and completed to assist the City and Program Team to assess the completion of the Consent Decree requirements for the Pump Station Preventative Maintenance Program.**
 - **The Checklist was used to assess the implementation of the Program. The contract operator (Veolia) is required to be compliant with the approved Pump Station Preventative Maintenance Program as part of their contract with the City.**
- **The Western Hills and Whitestone Pump Stations construction are complete.**
- **The Forest Avenue, Windsor Forest and Westside # 4 pump stations designs are complete. Easement acquisition and permit activities continue for the Windsor Forest and Westside # 4 projects.**
 - **The Forest Avenue Pump Station and Windsor Forest (conversion from a pump station to a gravity sewer) construction projects are currently on hold due to available funding.**

Significant milestones anticipated during the next reporting period:

- **If funding is available, finish construction on the Forest Avenue, Windsor Forest and Westside # 4 pump station improvement projects.**
- **Monitor that contract operator is meeting the Consent Decree requirements, as part of their contract.**
- **Continue implementation of Program as approved.**

2.9 Gravity Line Preventative Maintenance Program

Because of the high number of emergency sewer failures and the large amount and volumes of SSOs, the City decided to focus their limited resources on fixing and repairing these emergency sewer failures and reducing the dry weather SSOs, versus going out and looking for wet weather infiltration and inflow (I/I). For these reasons, this CMOM Program received a lower priority from the City and Program Team because it would not be cost effective to spend limited City funds on I/I reduction, when the City was experiencing collapsed sewers, emergency pump arrounds of sewer failures and a majority of SSOs that were occurring during dry weather. It was decided to focus the City's limited financial resources on fixing as many of the emergency sewer failures and reducing the number of SSOs, then beginning to follow or develop a Gravity Line Preventative Maintenance

Program. For these reasons, the City has not directly moved forward with implementation of the plan developed and described in the Gravity Line Preventative Maintenance Program Report.

Significant milestones reached this period for this activity:

- **Preventative Cleaning- 23,175 LF**
- **Maintenance Staffing – 4 positions filled; 38 still vacant**
 - **Current Major Equipment-**
 - **2 of 5 Jet Trucks operational**
 - **1 of 1 Rodder Truck operational**
 - **1 of 2 CCTV Trucks operational**
- **An Implementation Checklist has been developed and completed to assist the City and Program Team to assess the completion of the Consent Decree requirements for the Gravity Line Preventative Maintenance Program.**
 - **The Checklist was used to assess the implementation of the Program. It was found not to be fully implemented.**
- **There was no major equipment purchased during the reporting year.**
- **Completed the following Collection System Emergency Repair/Replacement projects:**
 - a. **Ridgewood Rd & Lenox Dr- \$393,388**
 - b. **Rolling Meadows - \$40,478**
 - c. **Briarfield Rd - \$60,000**
 - d. **Northside Dr/Old Canton Rd- \$192,454**
 - e. **Kimwood Dr- \$59,493**
 - f. **Wingfield Circle- \$197,751**
 - g. **George St- \$107,551**
 - h. **Colonial Dr- N/A**
 - i. **Old Canton Rd- \$14,900**
 - j. **Northside Dr (Kimwood Dr to Ridgewood) - \$78,895**

- **Several sewer maintenance activities have been affected by fluctuating staffing levels during the past year.**

Significant milestones anticipated during the next reporting period include:

- **Initiate West Bank Interceptor Project # 4. The City was able to obtain approximately \$1.5 million of funding from the Sales Tax Commission toward this specific project.**
- **Complete or initiate construction on the following Collection System Emergency Repair/Replacement projects:**
 - a. **West St - \$740,000**
 - b. **Leila Dr - \$491,875**
 - c. **Southerland Dr - \$422,140**
 - d. **Linde Dr - \$304,600**
 - e. **Eubanks Creek Interceptor - \$ 313,244**
 - f. **Meadowbrook Dr - \$1,200,000**
 - g. **Pleasant Ave - \$ 350,000**
 - h. **Delaware Ave - \$ 37,000**
 - i. **Marshall Place - \$ 34,000**
 - j. **Linde Dr - \$3,000,000**
 - k. **Ridgewood Rd - TBD**

2.10 WWTP Operations and Maintenance Program

The City's contract operator, Veolia, is in charge of operations and maintenance of the City's Wastewater Treatment Plants and Pump Stations. The responsibility to meet the City's Wastewater Treatment Plant (WWTP) Operations and Maintenance (O&M) CMOM Program is written into Veolia's contract with the City of Jackson. The City only recently asked Veolia to provide a written letter certifying that they have met all requirements of this CMOM Program. Veolia provided input to the City's CMOM Implementation Checklist for this program and from the monthly Operations meeting that is held with Veolia it appears that a majority of this Program's requirements are being completed, but it is not yet known if the certification letter verifying those requirements has been received by the City.

Significant milestones reached this period for this activity:

- **Completed 4,635 Preventative/Predictive Work Orders.**
- **Completed 603 Corrective Work Orders.**
- **Monthly meetings were held with City, Veolia and Program Management staff to review operations and maintenance activities and discuss other related issues.**
- **Prohibited bypasses for the period were 11 for the period March 2018 through February 2019. This compares to a total of 16 for the previous reporting period.**
- **An Implementation Checklist has been developed and completed to assist the City and Program Team to assess the completion of the Consent Decree requirements for the Wastewater Treatment O&M Program.**
 - **The Checklist was used to assess the implementation of the Program. The contract operator (Veolia) is required to be compliant with the approved Wastewater Treatment O&M Program as part of their contract with the City.**

Significant milestones anticipated during the next reporting period:

- **Monitor that contract operator is meeting the Consent Decree requirements, which is required as part of their contract.**
- **Continue implementation of Program as approved.**
- **Continue identifying out of service equipment requiring capital improvement and making improvements as necessary pending City approval and available funding.**

2.11 Financing and Cost Analysis Program

This CMOM Program focuses on financial processes to regularly analyze, schedule, plan and implement various financial and capital improvement projects so the City is always forward looking

and has the financial resources to maintain and improve capacities, facilities and assets as required. Since the recent financial crisis the City has been going through as a result of their billings and collection issues, the City has implemented a Financial Management Policy, a Customer Service Water and Sewer Billing Pledges and developed Long-Term and Short-Term Financial Models to assist the City in meeting its financial obligations, assist in the Consent Decree Modification negotiations and develop a long- and short-term tools for the City's Public Works Department to manage their two enterprise funds.

Significant milestones reached this period for this activity:

- **Program documents (FCAP) were returned to the City on March 30, 2017. EPA asked the City to review the document and request a schedule for re-submittal if they desired to make revisions.**
- **City responded to EPA on February 7, 2018 and indicated they had reviewed the Program documents and determined that no material changes were necessary at this time.**
- **An Implementation Checklist has been developed and completed to assist the City and Program Team to assess the completion of the Consent Decree requirements for the Financing and Cost Analysis Program.**
 - **The Checklist was used to assess the implementation of the Program. It was found not to be fully implemented.**

Significant milestones anticipated during the next reporting period:

- **Received approval of the FCAP from EPA on March 13, 2018.**
- **Continue program implementation as funding is available.**

3.0 Trend Analysis of SSOs and Prohibited Bypasses

The trend analysis for the sixth year of CD implementation includes data for SSOs and prohibited bypasses for March 2017 through February 2019. For each month, numbers of events, total volume, and total duration are plotted with rainfall for the month. Events per month are also plotted by cause.

SSOs are divided into three elements of the wastewater system: the collection system, West Bank Interceptor, and pump stations. Prohibited bypasses were observed only at the Savanna Street Wastewater Treatment Facility (SSWWTF).

SSOs and prohibited bypasses are listed in Tables 1 through 4 in **Appendix A**. The events for March 2017 through December 2019 have been included in Quarterly Reports 16-23. The events for January and February 2019 are included in Quarterly Report No. 24, which is submitted concurrently with this report.

3.1 Collection System SSOs

Figure 3.1 shows SSO events by month as a result of the following reported causes:

- Grease
- Roots
- Solids
- Collapsed Pipe
- Pump Station Failure
- Excessive Flow
- Undersized Line
- Other

Some SSO events had multiple causes. In these instances, each cause was assigned a fractional value, adding up to a total of one cause for each event.

Figures 3.2 and **3.3** shows percentages of collection system SSOs for the year by cause for each year.

Figure 3.4 shows total volume of SSOs for each month. Volumes are plotted on a logarithmic scale because of the large monthly variations.

Figure 3.5 shows total duration of SSOs for each month. Durations are plotted on a logarithmic scale.

Figure 3.6 shows the change in number of collection system SSOs for the same month in the previous year.

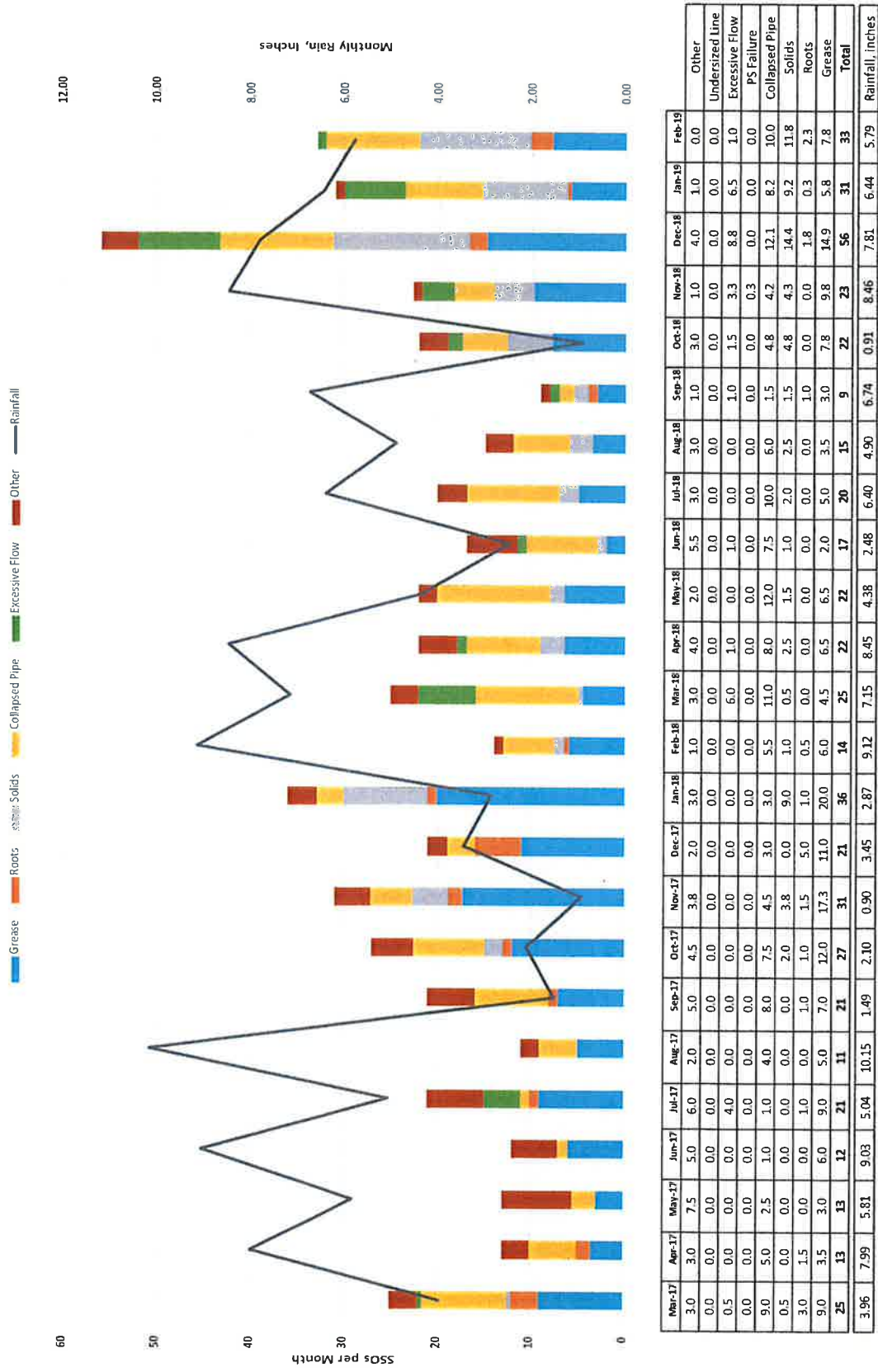
Monthly rainfall is plotted in each graph. It should be noted that there does not appear to be a direct correlation between rainfall and the number, volume, or duration of SSOs.

For the reporting period March 2018 thru February 2019, there were 295 SSOs reported. This compares to 245 SSOs reported during March 2017 through February 2018. As in the previous reporting period, the most common reported causes of SSOs were grease and collapsed pipe.

SSOs caused by grease comprised 26% of the total. This is down from 44% for the period March 2017 through February 2018. The implementation of the Fats, Oils and Grease Program is discussed further in Section 2 of this report.

The next most common reported cause of SSOs for the period was collapsed pipe comprising 32% of the total. This is an increase from 22% for the previous reporting period. It should also be noted that SSOs caused by solids have also increased to 19% of the total as compared to 7% of the previous period. The implementation of the Gravity Line Preventative Maintenance Program is discussed further in Section 2 of this report.

**Figure 3.1: Collection System SSOs by Cause
March 2017 – February 2019**



**Figure 3.2: Percentage of Collection System SSOs by Cause
March 2017 – February 2018**

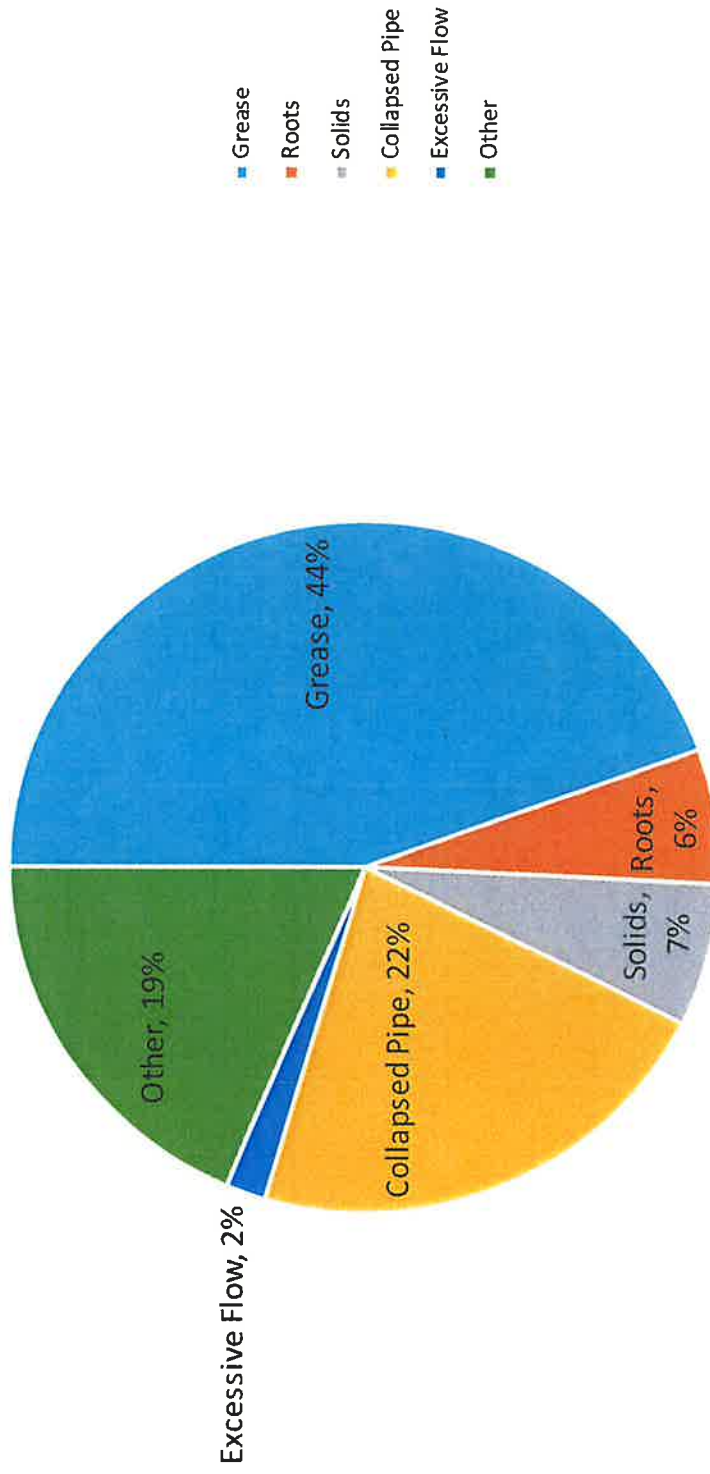
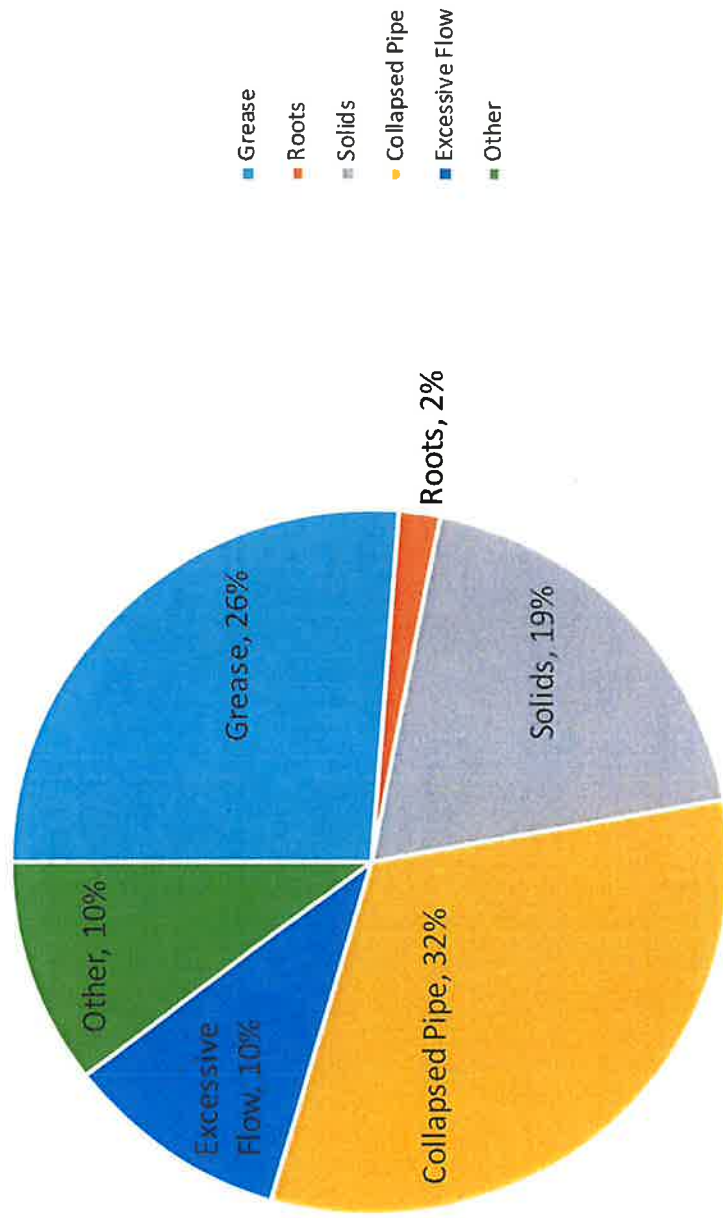


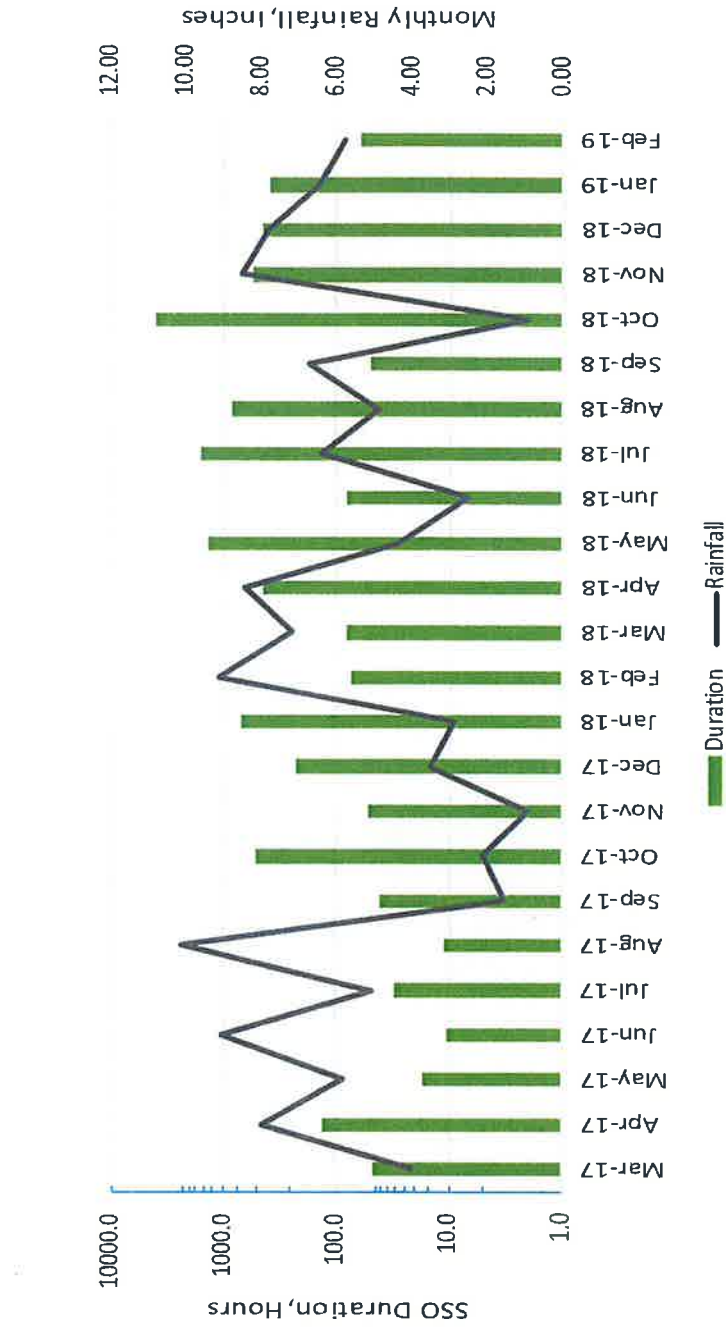
Figure 3.3: Percentage of Collection System SSOs by Cause
March 2018 – February 2019



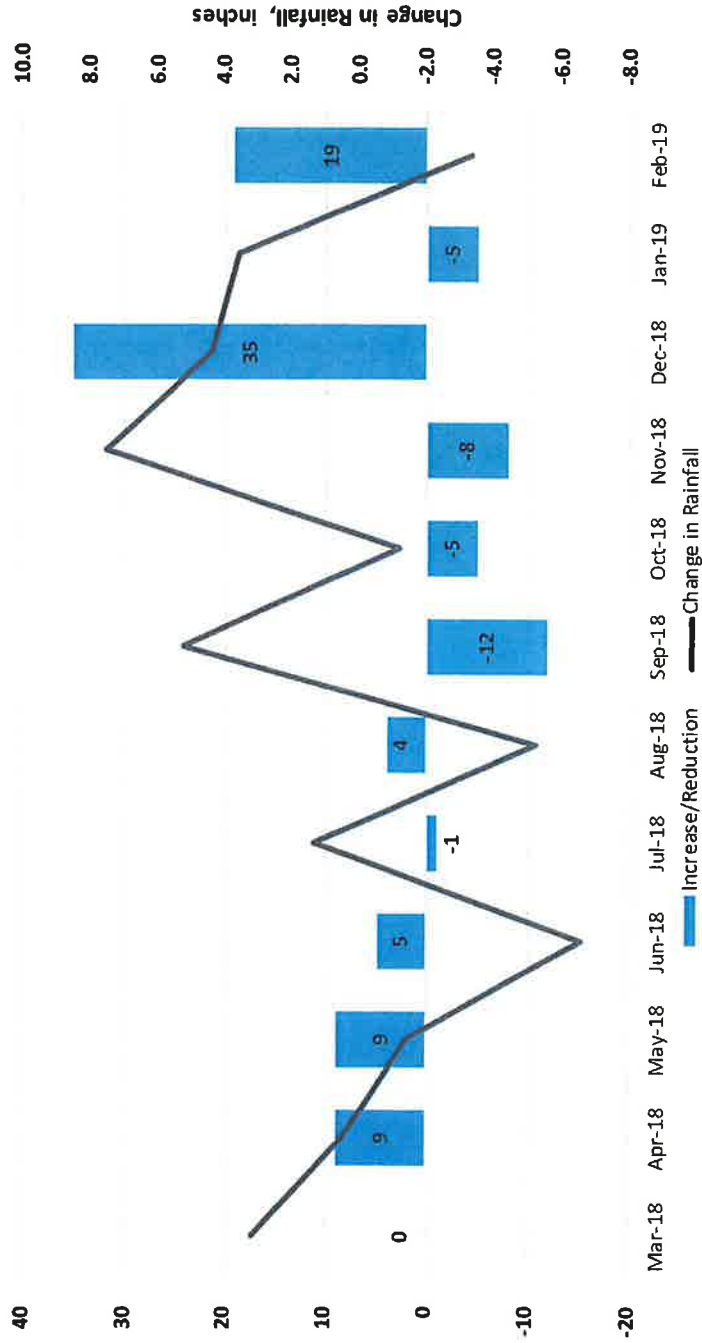
**Figure 3.4: Collection System SSO Volume
March 2017 – February 2019**



**Figure 3.5: Collection System SSO Duration
March 2017 – February 2019**



**Figure 3.6: Year-to-Year
Change in Number of Collection System SSOs from Previous Year
vs. Change in Rainfall**



3.2 Pump Station SSOs

Figure 3.7 shows pump station SSO events by month by reported cause, as listed above, as well as monthly rainfall. As above, multiple causes were assigned fractional values, adding up to a total of one cause for each event.

Figure 3.8 and **3.9** show percentage of SSOs by cause for each year.

Figure 3.10 logarithmic plots total volume of pump station SSOs for each month, along with monthly rainfall.

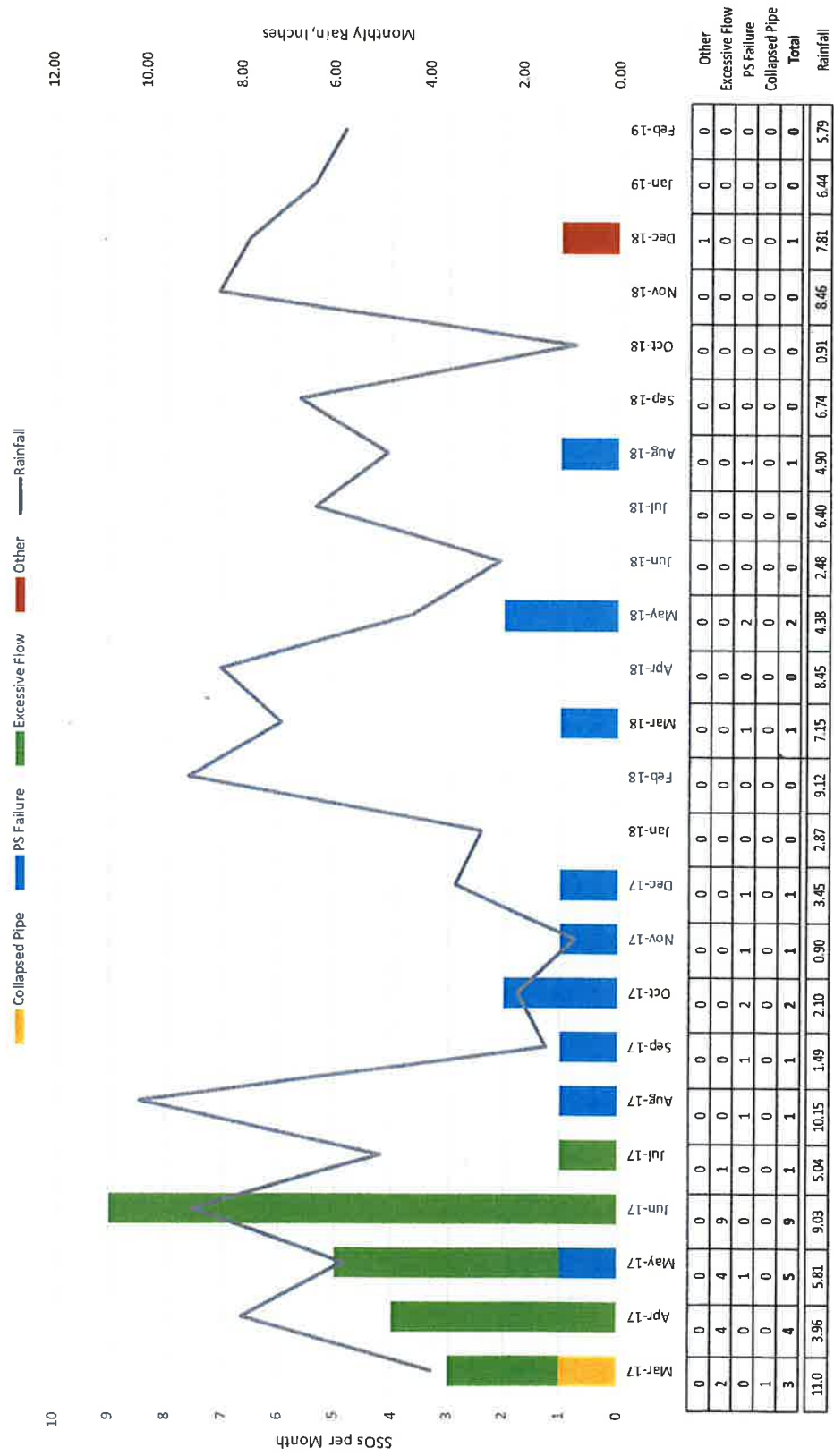
Figure 3.11 shows total duration of pump station SSOs for each month.

Figure 3.12 shows year-to-year change in the number of pump station SSOs from the same month the previous year.

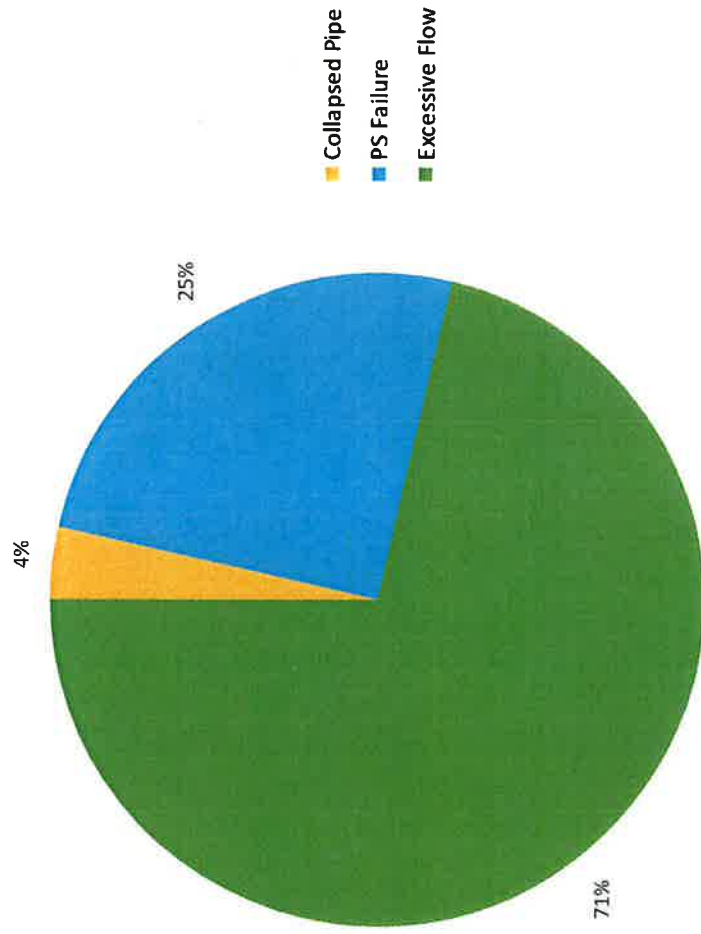
For the reporting period March 2018 thru February 2019, there were 5 SSOs reported. This compares to 28 SSOs reported during March 2017 through February 2018. The cause of the SSOs was one (1) high water alarm failure, two (2) weather related electrical events, one (1) electrical component failure and one (1) event caused by rehabilitation contractor error.

As Veolia North America, LLC, the City's contract operator, continues to improve their operations and maintenance procedures as part of the Pump Station Preventative Maintenance Program, it is anticipated that the number of SSOs at pump stations will continue to be reduced.

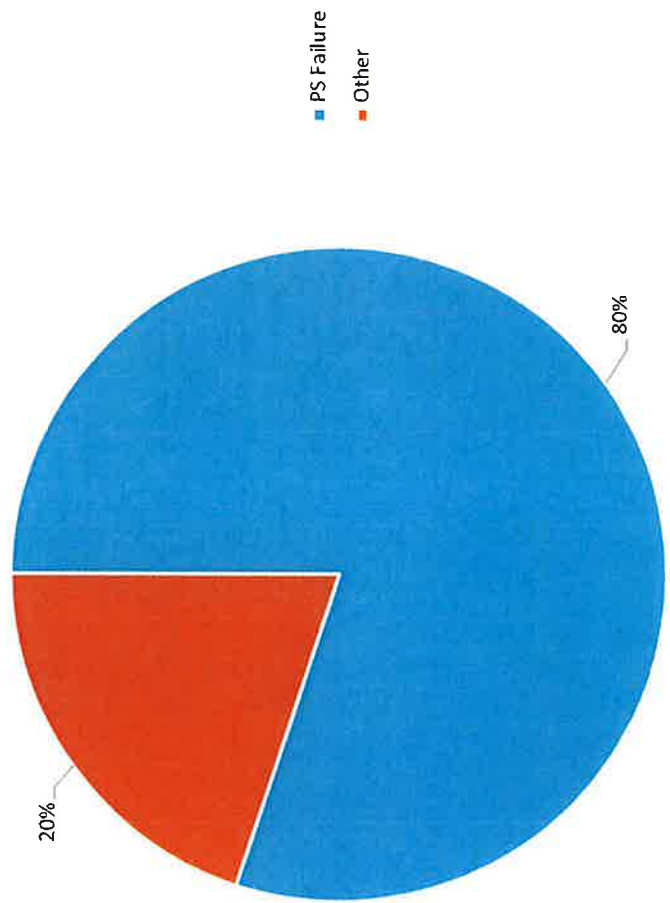
**Figure 3.7: Pump Station SSOs by Cause
March 2017 – February 2019**



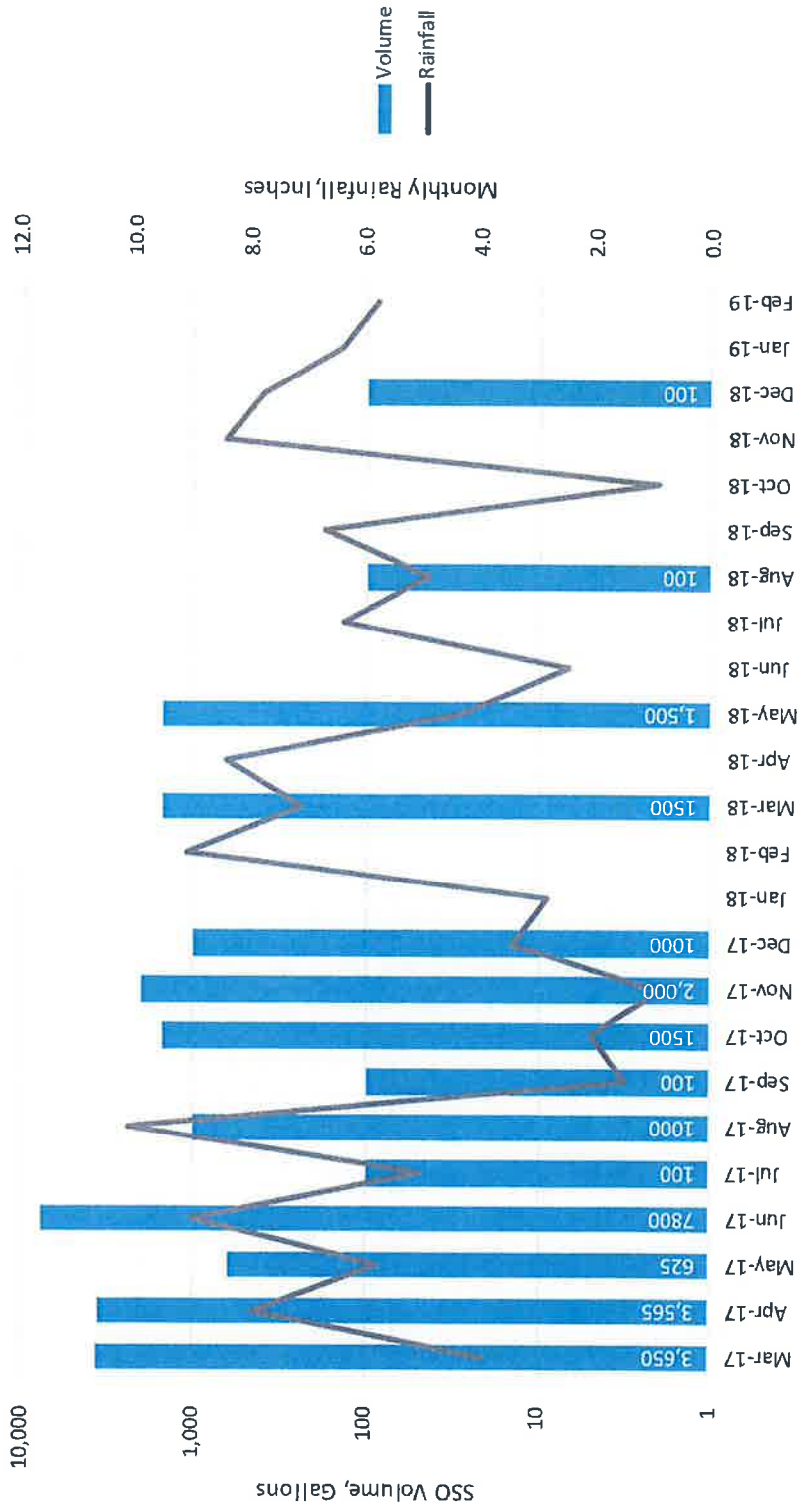
**Figure 3.8: Percentage of Pump Station SSOs by Cause
March 2017 – February 2018**



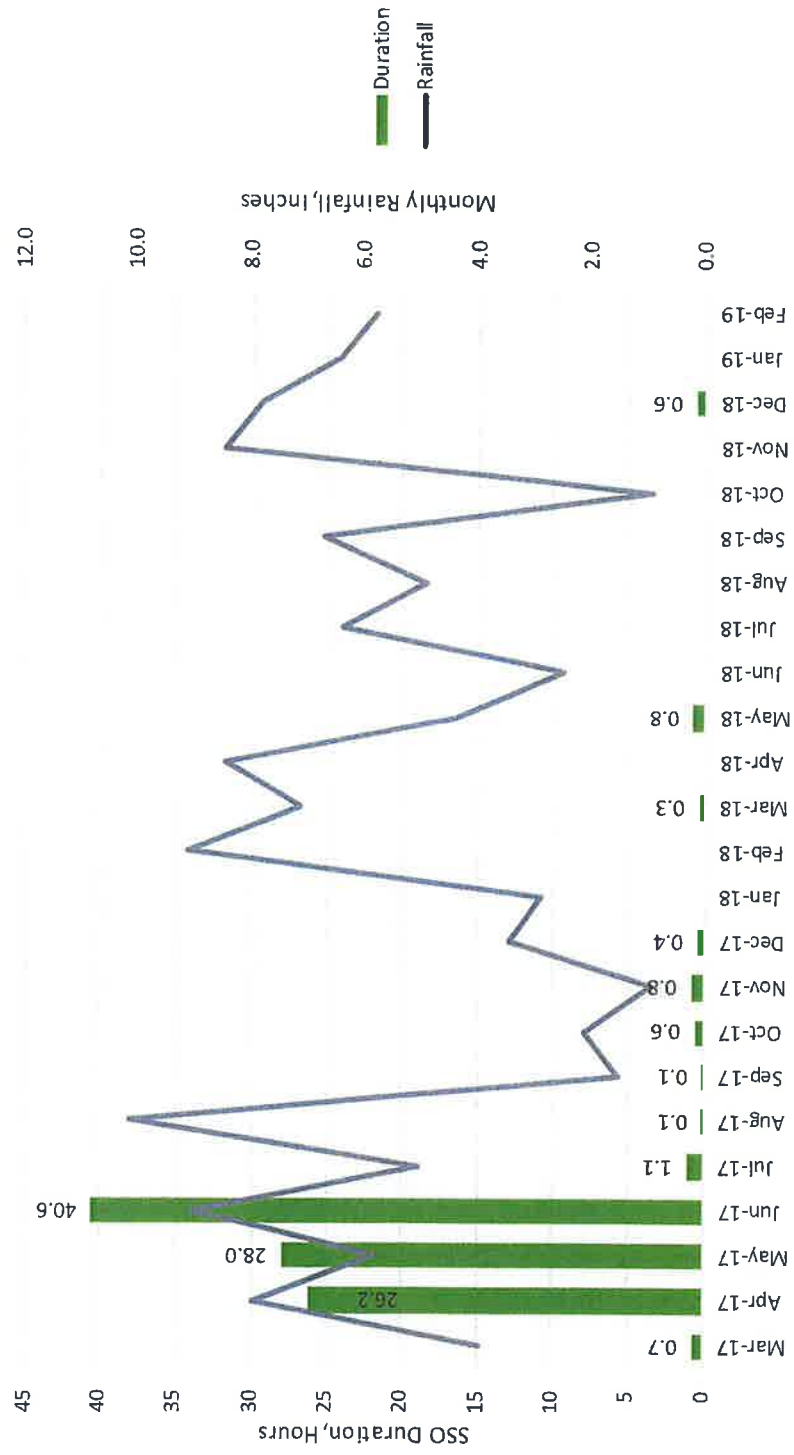
**Figure 3.9: Percentage of Pump Station SSOs by Cause
March 2018 – February 2019**



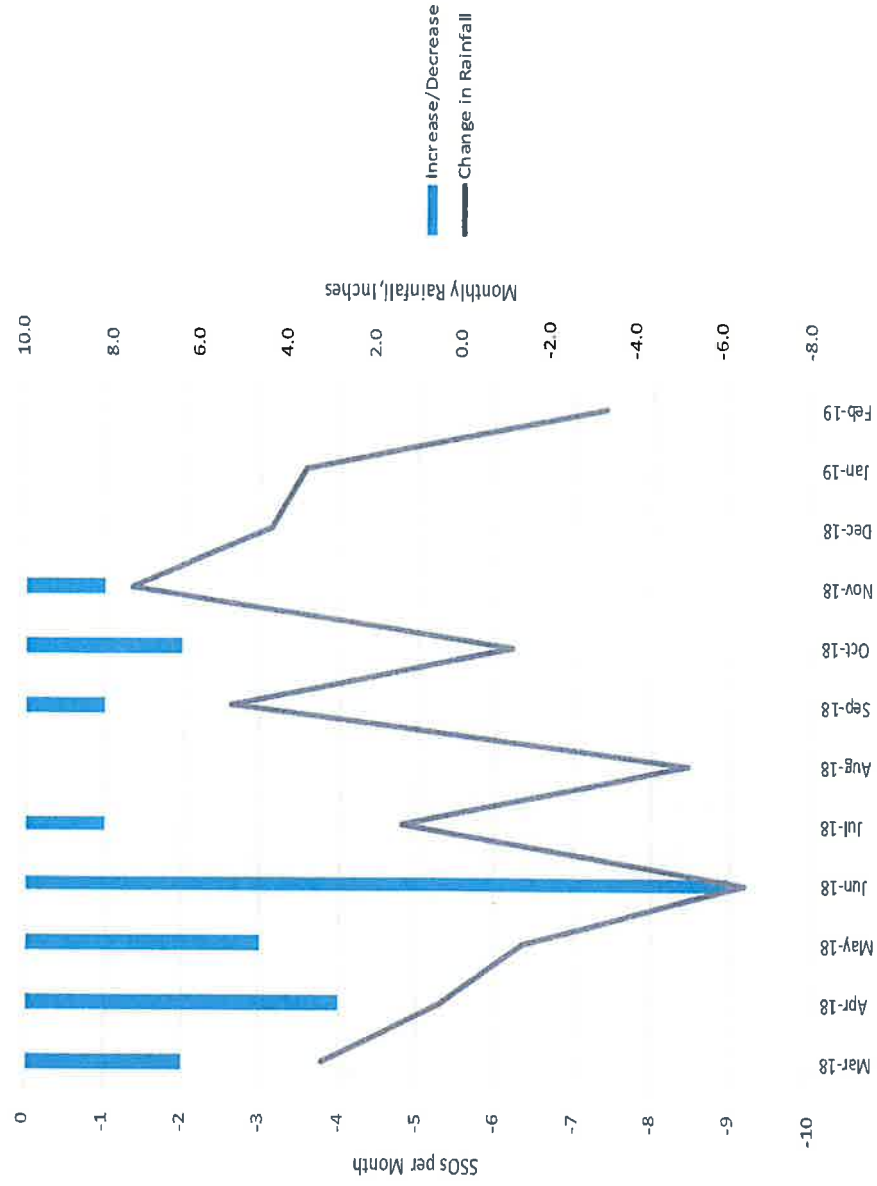
**Figure 3.10: Pump Station SSO Volume
March 2017 – February 2019**



**Figure 3.11: Pump Station SSO Duration
March 2017– February 2019**



**Figure 3.12: Year-to-Year
Change in Number of Pump Station SSOs from Previous Year
vs. Change in Rainfall**



3.3 West Bank Interceptor SSOs

Figure 3.13 shows SSO events each month by reported cause, along with river stage. River stages are those reported by the USGS gage at U.S. Highway 80.

Figure 3.14 shows number of SSOs in the WBI, along with the rainfall for each month.

Figures 3.15 show percentages of West Bank Interceptor SSOs for March 2017 through February 2019.

Figure 3.16 shows total volume of SSOs for each month, along with river stage. Because of the large variations in volume, these are plotted on a logarithmic scale.

Figure 3.17 shows total duration of SSOs for each month, and river stage.

Figure 3.18 shows the relationship between the year-to-year number of West Bank Interceptor SSOs and the change in river stages for the same month the previous year.

For the reporting period March 2018 thru February 2019, there were 9 SSOs reported. This compares to 2 SSOs reported during March 2017 through February 2018. Excessive flow was a contributing factor in all events. Another contributing factor is equipment failure at the Influent Pump Station at the Savanna WWTP. Failures with the pumps are reported as pump station failures and failures of other equipment, such as the 54-inch header valve, are reported as "Other".

As reported for the February 2018 event, the cause was the failure of the pump controller for the 100 mgd pump and the flows exceeded the capacity of the three remaining 30 mgd pumps. The 100 mgd pump as well as the 54-inch header valve continue to be problematic and contribute to SSOs at the Entergy manhole on the West Bank Interceptor.

As part of the Savanna WWTP Improvements Project, Phase 1A, the existing 3 - 30 mgd pumps are to be replaced with 3 - 40 mgd pumps and the 54-inch header valve will also be replaced. This SRF funded project is expected to bid later this summer. Once complete, the contract operator should have more flexibility in managing excessive influent flows.

**Figure 3.13: West Bank Interceptor SSOs by Cause
March 2017 – February 2019**

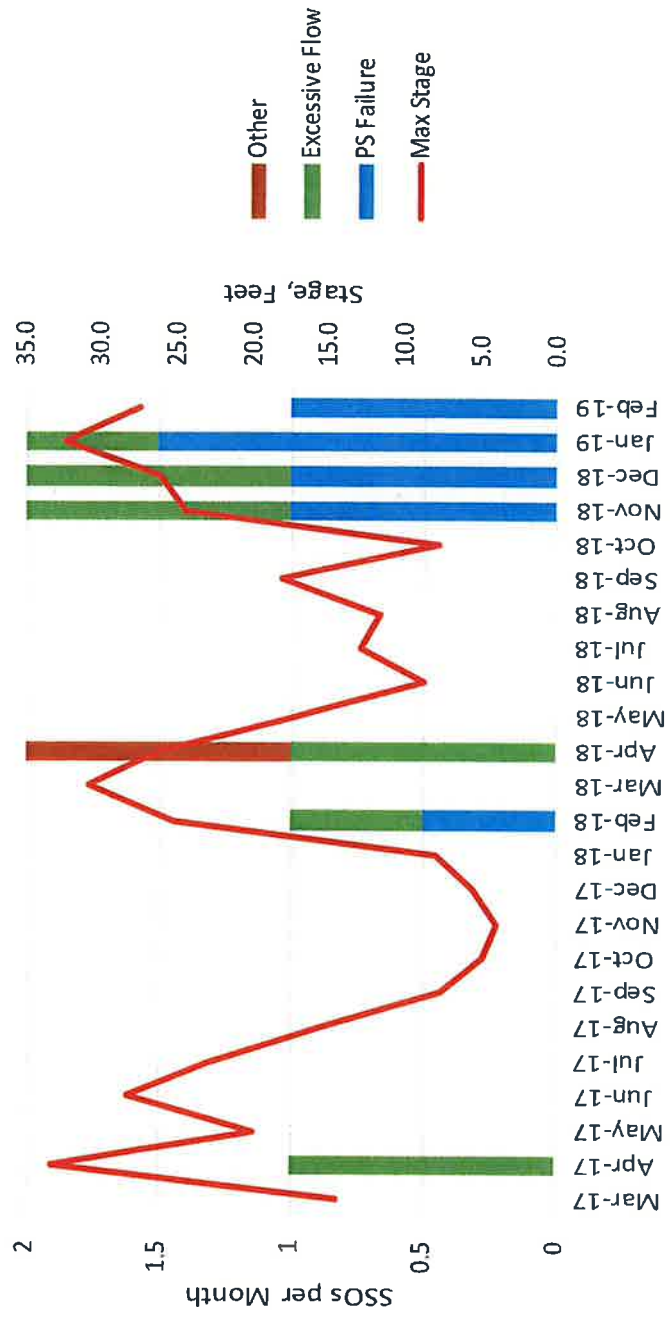
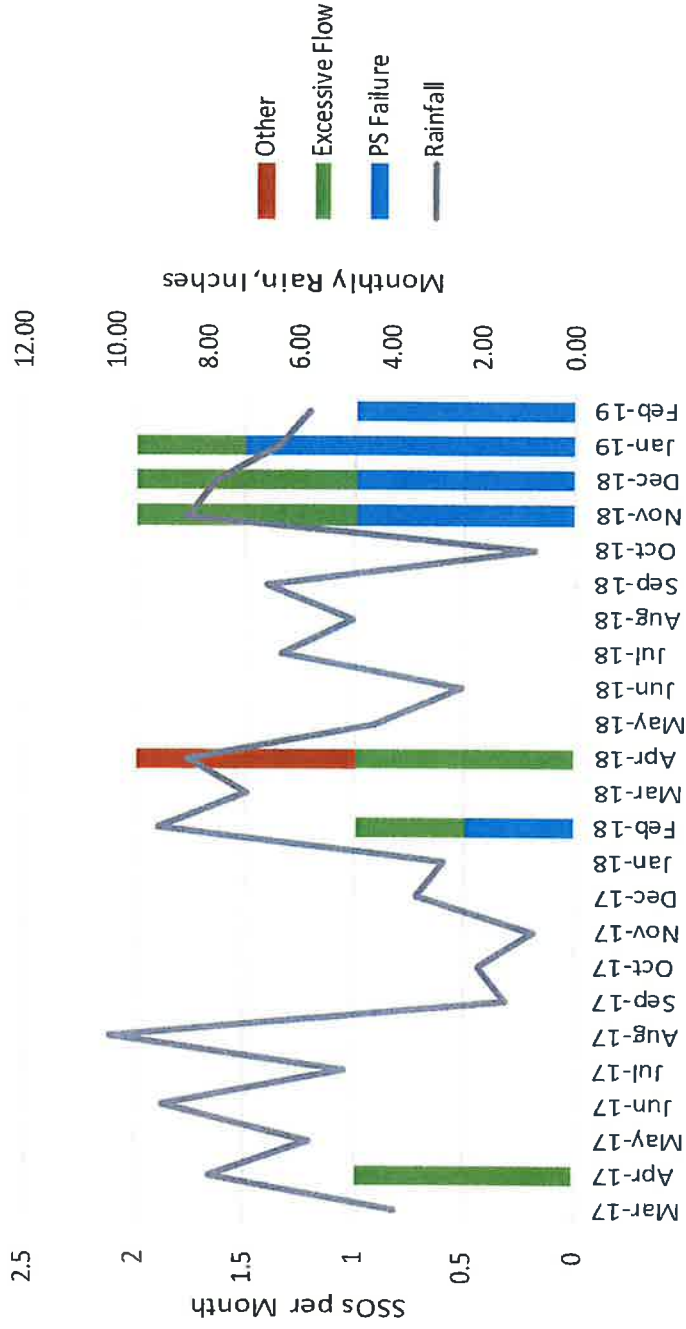


Figure 3.14: WBI SSOs vs. Rainfall
March 2017 – February 2019



**Figure 3.15: Percentage of WBI SSOs by Cause
March 2017 – February 2019**

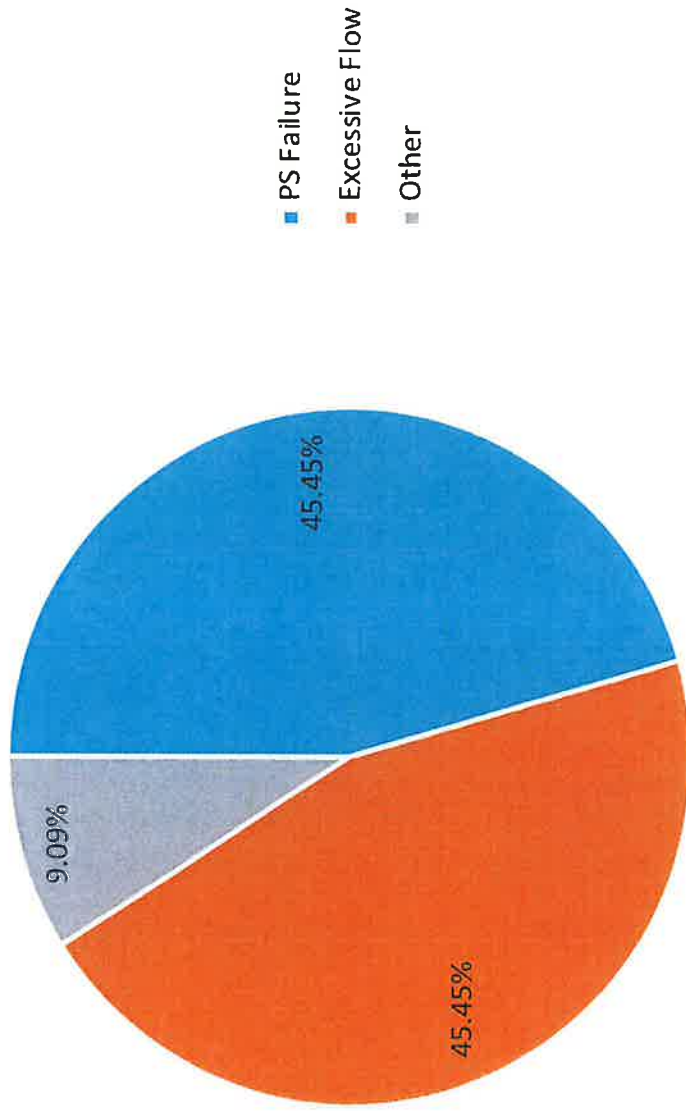


Figure 3.16: WBI SSO Volume vs. River Stage
March 2017 – February 2019

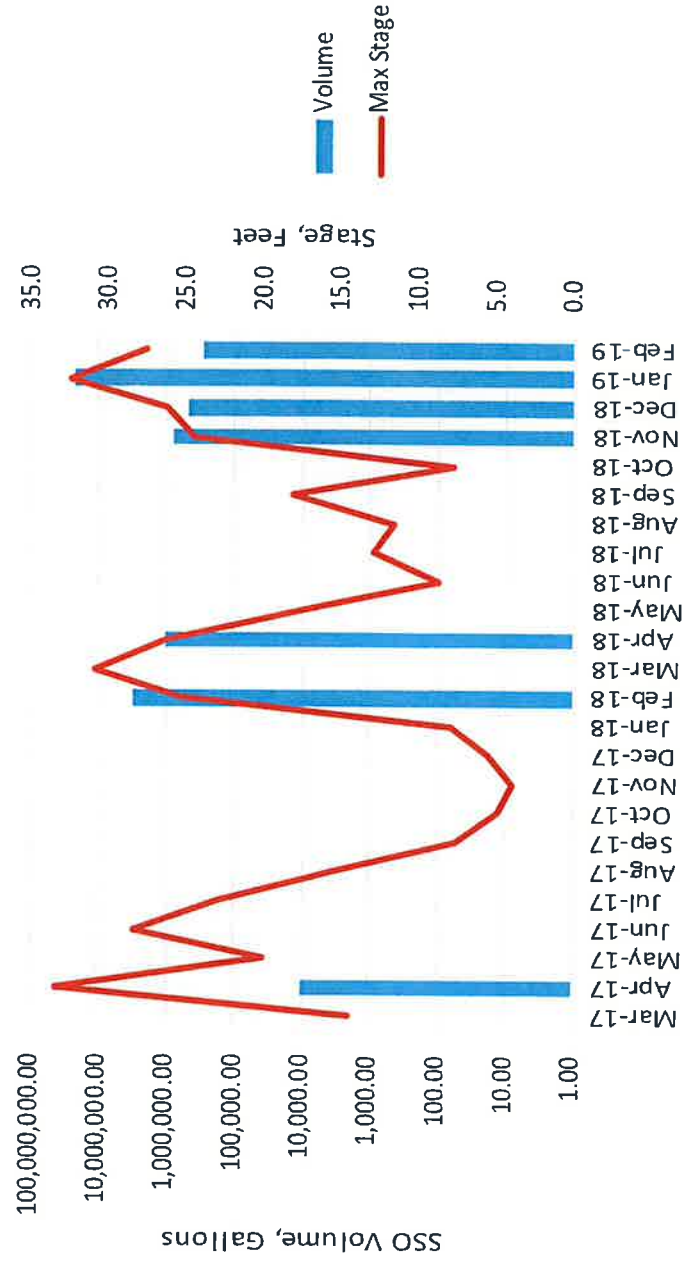
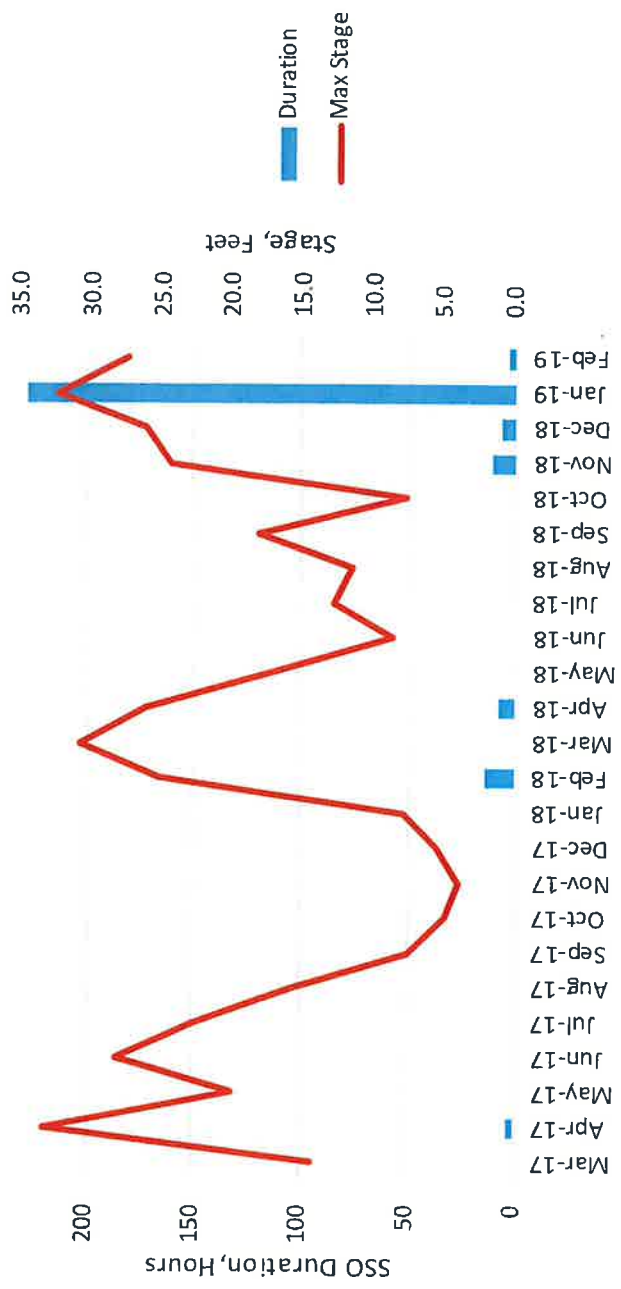
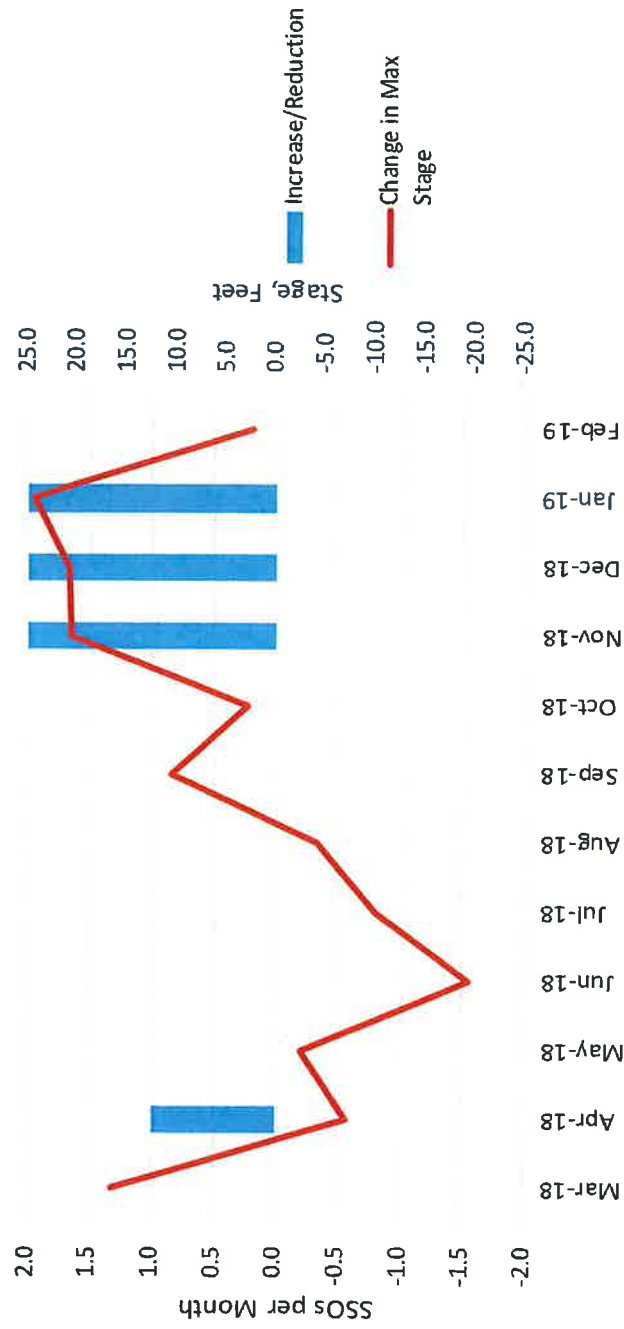


Figure 3.17: WBI SSO Duration vs. River Stage
March 2016 – February 2018



**Figure 3.18: Year-to Year
Change in Number of WBI SSOs from Previous Year
vs. Change in Pearl River Stage**



3.4 Prohibited Bypasses

Figure 3.19 shows prohibited bypass events by month by reported cause, as listed above, as well as monthly rainfall.

Figure 3.20 shows prohibited bypass events and maximum monthly river stage levels for each month.

Figure 3.21 shows annual percentage by reported cause.

Figure 3.22 shows total volume of prohibited bypasses for each month plotted in million gallons, along with maximum monthly river stages.

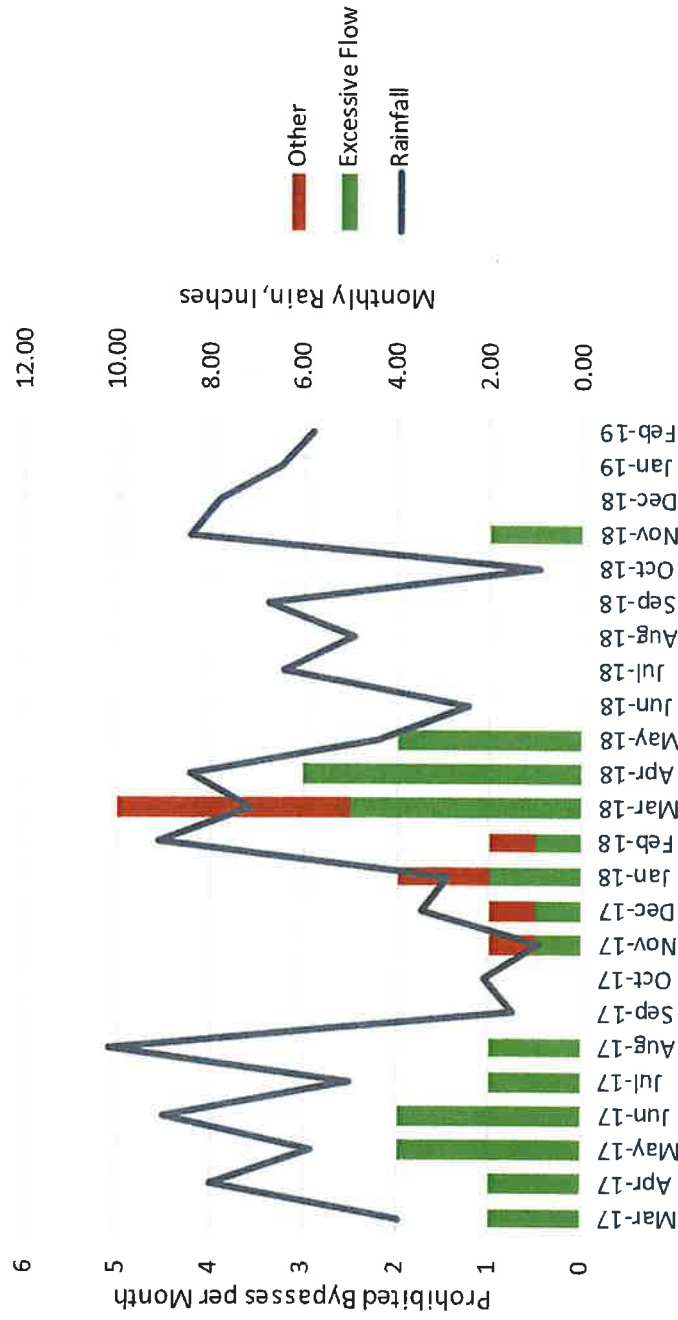
Figure 3.23 shows total duration for the month along with maximum monthly river stages. Note that duration of prohibited bypasses is plotted in days.

Figure 3.24 shows year-to-year change in duration of prohibited bypasses for each month with change in maximum monthly river stages for the same month in the previous year.

The number of prohibited bypasses has remained approximately the same (13 vs 11) for the period March 2018 through February 2019 from the previous 12 months. It should be noted that the volume of the bypasses has increased by 33.2% from 3,131.5 million gallons to 4,172.0 million gallons primarily due to the extended bypass which began on December 9, 2018 and is still ongoing at the end of this reporting period.

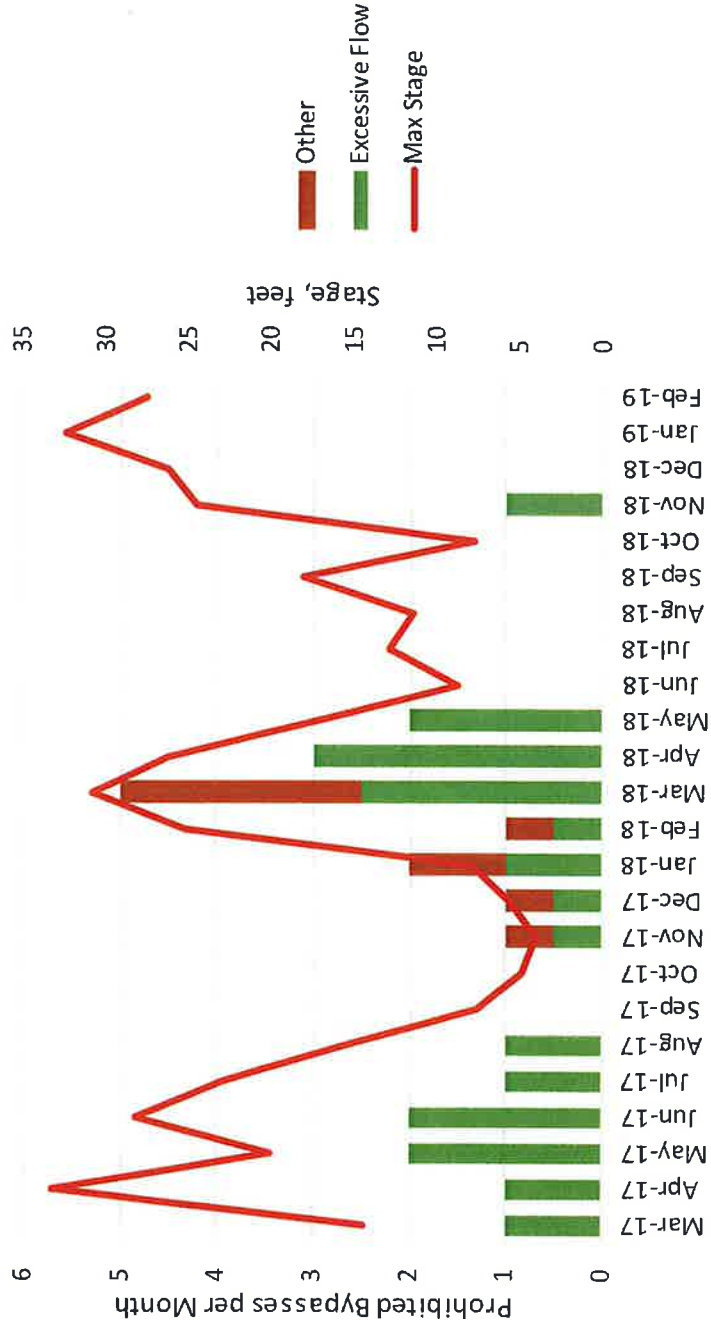
For reporting purposes, bypasses at the wastewater treatment plant are considered as one bypass from the day it begins to the day it ends and is reported in the month it ends. Excessive flow was reported as a cause in all events. Causes reported as "Other" were equipment failures in the mechanical plant, such as clarifier mechanisms, that limited performance and resulted in the need to bypass. Because of hydraulic limitations of piping, storm cells, influent pumping station and other process areas, wastewater cannot always be recovered from the storm cells and must be discharged. These conditions were identified in the Composite Correction Program (CCP) Report as well as the SRF Facilities Plan submitted to MDEQ. The City anticipates bidding the SRF project later this summer and beginning construction of improvements at the Savanna WWTP that will address most of the performance limiting issues.

**Figure 3.19: Prohibited Bypasses by Cause
March 2017 – February 2019**



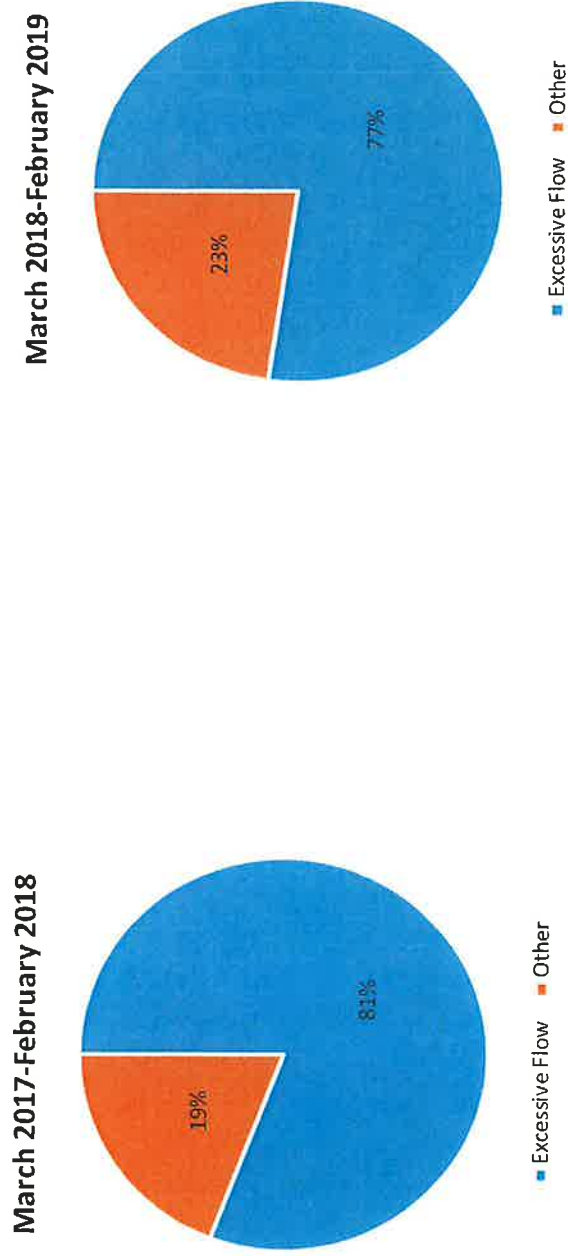
Prohibited Bypasses are typically reported in the month the bypass ends. A bypass began on December 9, 2018 and has continued through the end of this reporting period. This bypass is not shown on this graph.

Figure 3.20: Prohibited Bypasses vs. River Stage
March 2017 – February 2019

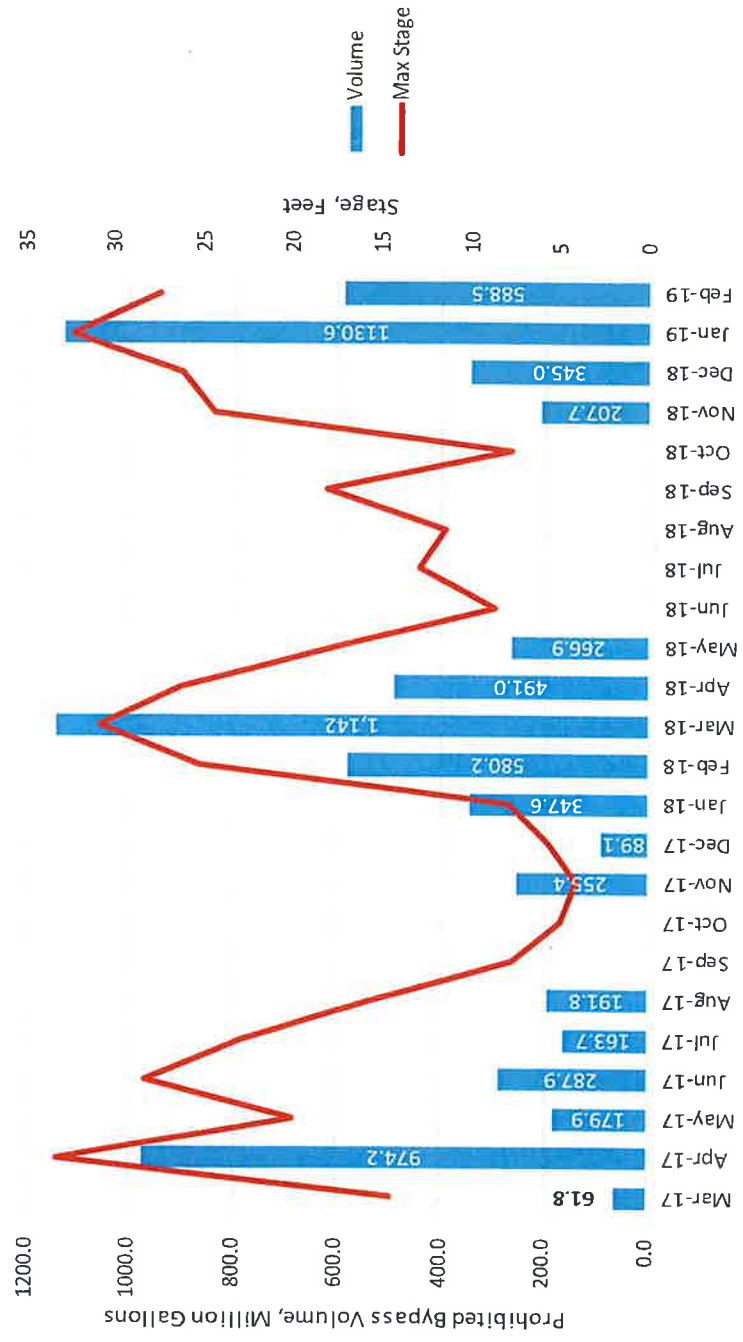


Prohibited Bypasses are typically reported in the month the bypass ends. A bypass began on December 9, 2018 and has continued through the end of this reporting period. This bypass is not shown on this graph.

Figure 3.21: Percentage of Prohibited Bypasses by Cause

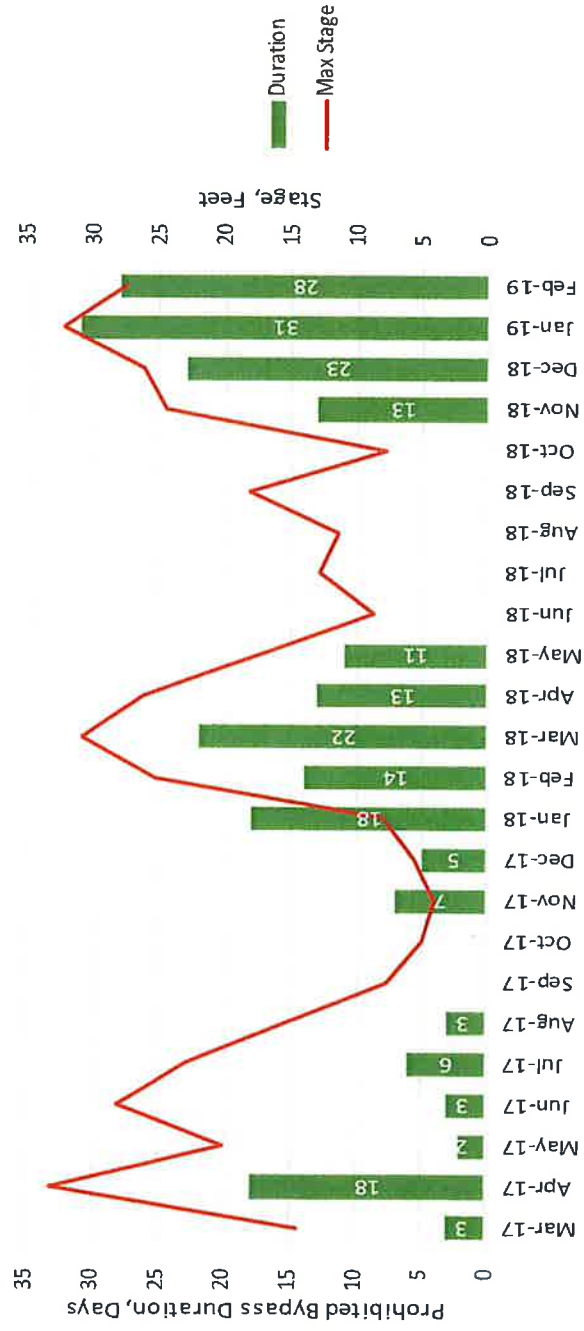


**Figure 3.22: Prohibited Bypass Volume vs. River Stage
March 2017 – February 2019**



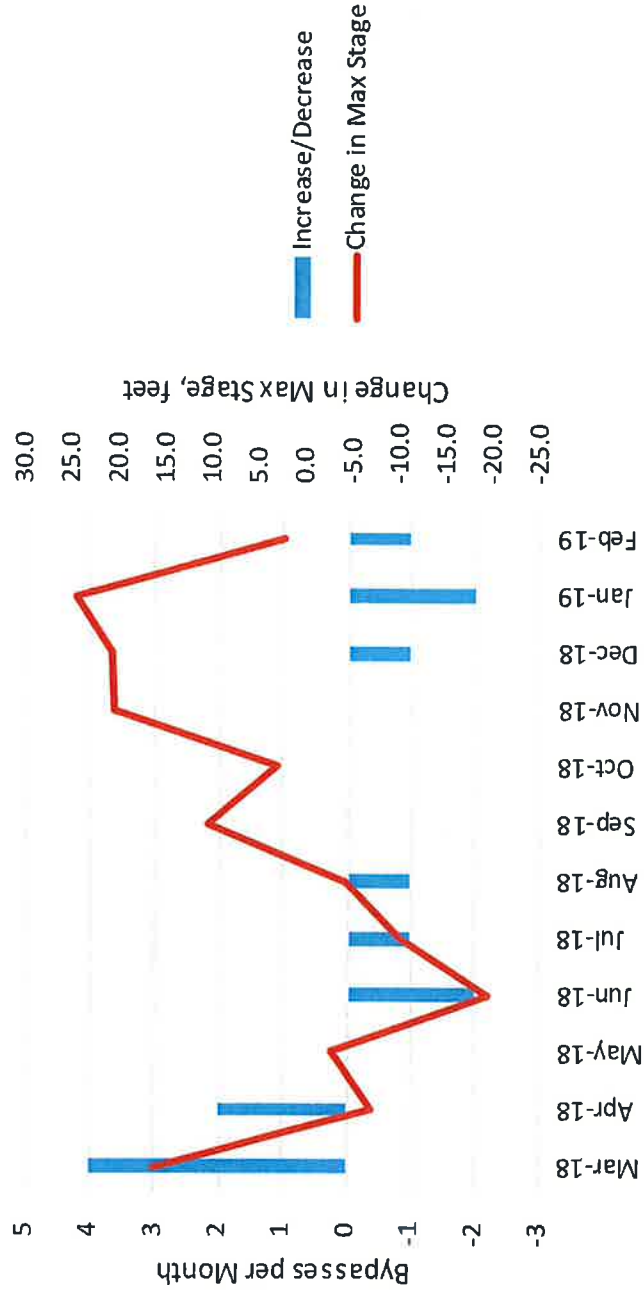
The monthly volume bypassed for the December 9, 2018 event has been included on this graph for illustrative purposes.

**Figure 3.23: Prohibited Bypass Duration vs. River Stage
March 2016 – February 2018**



The monthly duration of the bypass for the December 9, 2018 event has been included on this graph for illustrative purposes.

**Figure 3.24: Year-to Year
Change in Number of Prohibited Bypasses from Previous Year
vs. Change in Pearl River Stage**



Prohibited Bypasses are typically reported in the month the bypass ends. A bypass began on December 9, 2018 and has continued through the end of this reporting period. This bypass is not shown on this graph.

Table 1
City of Jackson, Mississippi
Annual Report No. 6 - March 2017 through February 2019
Collection System SSOs

Date Began	Time Began	Location	Source	Estimated Duration, Hours	Estimated Volume, Gallons	Reached Waters of the State	Receiving Water	Rainfall, Inches	Reported Cause
3/1/2017	11:03 AM	224 PIMLICO PL	Cleanout	NR	15	NO	Hanging Moss	0.04	Undetermined
3/1/2017	11:38 AM	1324 SAINT ANN ST	Manhole	Same as next	110	YES	Town	0.04	Collapsed Pipe
3/1/2017	10:22 AM	1324 SAINT ANN ST	Manhole	9:05	360	YES	Belhaven	0.04	Collapsed Pipe
3/2/2017	4:08 PM	815 HICKORY DR	Ground Surface (defective pipe underground)	0:54	380	YES	Eubanks	0.00	NR
3/2/2017	3:20 PM	407 W NORTHSIDE DR	Manhole	NR	240	YES	Eubanks	0.00	Undetermined
3/3/2017	5:55 PM	2406 WOODLAWN ST	NR	1:30	8	NO	Hardy	0.00	Collapsed Pipe
3/4/2017	11:55 AM	425 E MCDOWELL ROAD	Cleanout	0:50	180	YES	Town	0.00	Grease
3/7/2017	1:27 PM	3501 BOWERS ST	Manhole	Undetermined	150	NO	Hardy	0.83	Grease, Solids
3/9/2017	1:28 PM	2042 LONDON AVE	Manhole	Undetermined	120	YES	Hanging Moss	0.06	Collapsed Pipe
3/10/2017	7:13 PM	3524 HORTON ST	Manhole	0:24	30	YES	Town	0.27	Grease
3/10/2017	3:33 PM	2563 SHEPWOOD DR	Cleanout	0:17	10	NO	Hardy	0.27	Grease
3/10/2017	12:12 PM	3501 BOWERS ST	Manhole	0:56	70	NO	Hardy	0.27	Grease
3/12/2017	1:59 PM	442 DANIEL CIR	Manhole	6:13	220	YES	Hardy	0.19	Collapsed Pipe
3/13/2017	2:12 PM	5551 SHAW ROAD	Manhole	0:48	250	YES	Bakers	0.14	Grease, Solids
3/13/2017	10:15 AM	2522 RUTLEDGE AVE	Cleanout	2:05	185	NO	Town	0.14	Grease, Solids
3/14/2017	4:09 PM	2076 SHADY LANE	Cleanout	Undetermined	180	NO	Hardy	0.00	Collapsed Pipe
3/15/2017	6:49 PM	787 E NORTHSIDE DR	Manhole	0:16	180	NO	Hanging Moss	0.00	Grease
3/15/2017	2:54 PM	3727 N WEST ST	Cleanout	Undetermined	2,820	YES	Town	0.00	Collapsed Pipe
3/15/2017	1:07 PM	1665 AURORA ST	Cleanout	NR - Private Property	15	NO	Town	0.00	Choked service line
3/17/2017	1:09 PM	3051 GREY BLVD	Manhole	0:17	15	YES	Hardy	0.00	Grease
3/22/2017	6:53 PM	3875 I 55 S	Manhole	0:48	360	YES	Hardy	0.00	Grease
3/23/2017	8:58 AM	129 WOODLAND CIR	Ground Surface (defective pipe underground)	NR	40	NO	Eubanks	0.00	Collapsed Pipe
3/23/2017	4:37 PM	172 GLEN MARY ST	Cleanout	NR - Private Property	50	NO	Town	0.00	Defective service line
3/23/2017	1:54 PM	308 LIVINGSTON ST	Cleanout	0:22	66	NO	Town	0.00	Grease
3/24/2017	4:00 PM	FORD AVE	Cleanout	1:00	160	NO	Lynch	0.00	Defective service line
3/25/2017	2:39 PM	3927 ROXBURY ROAD	Manhole	2:14	160	YES	Eastover	0.49	Undetermined
3/27/2017	11:05 AM	EASTOVER DR & REDBUD RD	Manhole	11:55	150	YES	Eastover	0.58	Collapsed Pipe

Table 1
City of Jackson, Mississippi
Annual Report No. 6 - March 2017 through February 2019
Collection System SSOs

Date Began	Time Began	Location	Source	Estimated Duration, Hours	Estimated Volume, Gallons	Reached Waters of the State	Receiving Water	Rainfall, Inches	Reported Cause
3/28/2017	11:43 AM	2251 FOREST GLEN DR	Cleanout	1:37	480	YES	Hanging Moss	0.00	Grease
3/29/2017	2:06 PM	132 DELANO DR	Ground Surface (defective pipe underground)	0:25	60	YES	Bogue Chitto	0.00	Grease
3/29/2017	11:26 AM	448 FOREST AVE	Ground Surface (defective pipe underground)	Undetermined	30	YES	Hanging Moss	0.00	Collapsed Pipe
3/30/2017	11:06 AM	2027 WILL O WISP WAY	Manhole	9:34	100	YES	Three Mile	1.04	Grease, Solids
3/30/2017	10:04 AM	1439 NORTHSIDE DR	Manhole	0:56	40	YES	Hanging Moss	1.04	Grease, Excessive Flow
3/31/2017	9:59 AM	1957 MEADOWBROOK ROAD	Manhole	3:23	80	NO	Hanging Moss	0.00	Roots
3/31/2017	9:57 AM	1957 MEADOWBROOK ROAD	Manhole	3:25	80	YES	Hanging Moss	0.00	Roots
3/16/2017	2:36 PM	6029 BRENNER DR	Manhole	1:22	160	YES	Purple	0.00	Grease
3/19/2017	2:06 PM	4394 WELOTA DR	Other	NR - Private Property	25	NO	Lynch	0.00	Defective service line
3/22/2017	3:53 PM	904 FORTIFICATION ST	Ground Surface (defective pipe underground)	0:72	50	YES	Town	0.00	Bypass Pump off
3/23/2017	2:46 PM	4070 MEADOW LANE DR	Ground Surface (defective pipe underground)	Undetermined	520	YES	Hanging Moss	0.00	Collapsed Pipe
4/1/2017	9:29 PM	1720 DEVINE ST	Cleanout	1:88	30	YES	Town	0.00	Collapsed Pipe
4/3/2017	5:20 PM	3050 LONGWOOD DR	Creek Crossing	Undetermined	100	YES	Cary	2.19	Other
4/3/2017	9:30 AM	760 LAKELAND DR	Manhole	2:03	300	NO	Eubanks	2.19	Collapsed Pipe
4/5/2017	11:00 AM	1404 WINCHESTER ST	Ground Surface (defective pipe underground)	Undetermined	75	NO	Eubanks	0.01	Roots
4/6/2017	7:29 PM	1048 MEADOW HEIGHTS DR	Manhole	0:08	100	NO	Eubanks	0.00	Grease
4/6/2017	5:51 PM	4420 RIDGEWOOD ROAD	Manhole	0:08	50	YES	Eubanks	0.00	Other
4/6/2017	8:50 AM	442 DANIEL CIR	Manhole	0:35	10	YES	Hardy	0.00	Collapsed Pipe
4/11/2017	1:04 PM	4888 WATKINS DR	Ground Surface (defective pipe underground)	Undetermined	360	YES	Hanging Moss	0.00	Collapsed Pipe
4/11/2017	11:51 AM	831 COLONIAL CIR	Constructed Bypass	0:73	60	YES	Purple	0.00	Grease
4/13/2017	6:12 PM	1240 JEFFERSON ST	Manhole	1:13	250	YES	Town	0.00	Grease

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4/13/2017	9:37 AM	536 LAUNCELOT ROAD	Manhole	0.05	60	YES	Hanging Moss	0.00	Grease & Roots
4/21/2017	12:24 PM	N GRANDVIEW CIR & TERRY ROAD	Ground Surface (defective pipe underground)	123.10	150	YES	Lynch	0.00	Collapsed Pipe
4/25/2017	3:53 PM	5354 I 55 N FRONTAGE ROAD	Manhole	Undetermined	100	YES	Hanging Moss	0.00	Other
5/9/2017	11:31 AM	321 RESERVE DR	Manhole	4.62	150	NO	Lynch	0.91	Grease
5/6/2017	4:37 PM	1915 EASTOVER DR	Other	0.90	65	NO	Hanging Moss	0.00	Collapsed Pipe, Other
5/6/2017	12:33 PM	949 MEADOW HEIGHTS DR	Ground Surface (defective pipe underground)	0.28	700	YES	Eubanks	0.00	Collapsed Pipe
5/9/2017	9:48 PM	1253 EASTOVER DR		3.87	100	NO	Eastover	0.00	Collapsed Pipe
5/13/2017	11:14 AM	5845 KINDER DR	Cleanout	NR - Private Property	10	NO	Purple	0.00	Choked Service line
5/16/2017	2:01 PM	2920 GREENWOOD AVE	Manhole	Undetermined	420	YES	Hardy	0.00	Unknown
5/17/2017	7:19 PM	4966 BROOKWOOD PL	Pump Station	0.20	480	YES	Trahan	0.00	PS Failure
5/17/2017	11:14 AM	5854 CANTON PARK DR	Cleanout	1.77	15	NO	Purple	0.00	Choked Service line
5/17/2017	10:38 AM	1032 PINEHURST ST	Cleanout	0.58	40	NO	Belhaven	0.00	Defective service line
5/21/2017	7:31 PM	NORTHSIDE DR & KIMWOOD DR	Ground Surface (defective pipe underground)	1.23	75	NO	Eastover	0.87	Grease
5/23/2017	9:45 AM	CAVALIER DR & WOOD DALE DR	Ground Surface (defective pipe underground)	2.00	100	YES	Eastover	0.39	Defective manhole
5/30/2017	10:15 AM	2204 TIMBER FALLS DR	Manhole	1.42	80	YES	Cary	0.01	Grease
5/30/2017	11:50 AM	202 E RIDGEWAY ST	Manhole	Undetermined	200	YES	Town	0.01	Unknown
6/15/2017	9:50 PM	3432 DUNDEE LANE	Other	0.17	15	NO	Cary	0.00	Grease
6/16/2017	6:12 PM	2021 CHEROKEE DRIVE	Manhole	1.40	150	YES	Eubanks	1.11	Grease
6/16/2017	2:21 PM	610 FOREST AVE	Other	Undetermined	25	YES	Hanging Moss	1.11	Collapsed Pipe
6/16/2017	11:09 AM	6 BRANDYWINE CT	Manhole	2.30	100	YES	Cary	1.11	Grease
6/21/2017	5:00 PM	1454 NORTHSIDE DR	Manhole	4.35	30	YES	Eubanks	1.26	Grease
6/26/2016	1:05 PM	5028 OLD CANTON ROAD	Other	6.52	100	YES	Three Mile	0.00	Unknown
6/27/2017	12:01 PM	4380 BROOK DR	Other	NR	480	YES	Eubanks	0.00	Bypass Pump
6/27/2017	1:33 PM	4150 CRANE BLVD	Other	0.50	320	YES	Eubanks	0.00	Bypass Pump

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6/27/2017	11:45 AM	MEADOW HEIGHT DR	Manhole	0:52	200	YES	Eubanks	0.00	Bypass Pump
6/27/2017	11:16 AM	4568 KIRKLEY CIR	Cleanout	NR - Private Property	15	YES	Eubanks	0.00	Defective service line
6/30/2017	3:43 PM	4675 CLINTON BLVD	Manhole	0:70	3	NO	Trahon	0.01	Grease
6/30/2017	11:59 AM	1155 JOANNE ST	Manhole	0:36	2	NO	Hardy	0.01	Grease
7/4/2017	1:25 PM	2416 CULLEYWOOD ROAD	Manhole	0:23	450	NO	Hanging Moss	0.00	Excessive Flow
7/4/2017	10:25 AM	210 HIGHLAND PLACE DR	Cleanout	1:01	25	NO	Hanging Moss	0.00	Excessive Flow
7/5/2017	3:35 PM	2026 ALTA WOODS BLVD	Manhole	0:40	3	NO	Lynch	0.00	Excessive Flow
7/5/2017	10:15 AM	1747 HAMPTON ST	Manhole	5:18	5	YES	Lynch	0.00	Grease
7/13/2017	8:22 AM	510 BRIARCLIFF CIR	Manhole	1:29	240	YES	Cany	0.15	Grease
7/6/2017	10:40 AM	4860 WATKINS DR	Other	3:37	100	NO	Hanging Moss	0.00	Other
7/6/2017	2:19 PM	CHURCHILL DR	Manhole	0:26	5	NO	Belhaven	0.00	Grease
7/8/2017	7:39 PM	340 DEWITT AVE	Manhole	2:06	75	NO	Eubanks	0.03	Grease
7/6/2017	3:40 PM	5267 SYCAMORE DR	Other	1:04	300	YES	White Oak	0.00	Excessive Flow
7/11/2017	10:50 AM	3921 BISHOP AVE	Manhole	NR	150	YES	Eastover	0.23	Collapsed Pipe
7/12/2017	4:40 PM	223 MCCLUER ROAD	Other	NR	700	YES	Cany	0.78	Other
7/12/2017	11:53 AM	2416 CULLEYWOOD ROAD	Manhole	2:07	150	YES	Hanging Moss	0.78	Roots
7/13/2017	1:25 PM	6114 FLORAL DR	Pump Station	NR	NR	YES	Hanging Moss	0.15	Other
7/14/2017	10:30 AM	5341 REDDOCH DR	Manhole	1:53	20	NO	Purple	0.26	Grease
7/17/2017	9:34 AM	123 RAMADA CIR	Cleanout	4:30	910	YES	Cany	0.01	Grease
7/17/2017	11:30 PM	470 WILLIAMS ST	Manhole	1:13	3	NO		0.01	Grease
7/19/2017	4:40 PM	2750 COLEMAN AVE	Manhole	1:41	400	YES	Town	0.00	Other
7/21/2017	2:00 PM	716 PENNSYLVANIA AVE	Ground Surface (defective pipe underground)	NR	400	YES	Eubanks	0.03	Other
7/25/2017	11:54 AM	266 DELAWARE AVE	Manhole	1:48	420	YES	Lynch	0.12	Grease
7/25/2017	7:58 PM	5449 WILLIAM DR	Cleanout	0:41	50	NO	Eubanks	0.12	Other
7/29/2017	1:34 PM	6125 BROWN ST	Manhole	1:27	165	YES	White Oak	0.51	Grease
8/2/2017	12:00 PM	GALLOWAY AVE / BROADWAY AVE	Cleanout	5:00	25	NO	Eubanks	0.03	Collapsed Pipe
8/2/2017	8:45 PM	329 COLUMBUS ST	Manhole	0:26	15	NO	Lynch	0.03	Grease
8/2/2017	8:48 AM	1429 NORTHSIDE DR	Manhole	0:42	10	NO		0.03	Grease
8/8/2017	3:30 PM	6177 MCRAVEN ROAD	Pump Station	0:55	NR	NO	Lynch	1.27	Other

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8/18/2017	1:04 PM	147 ADELLE ST	Ground Surface (defective pipe underground)	0:27	120	NO	Town	0.18	Collapsed Pipe
8/18/2017	4:27 PM	787 E. NORTHSIDE DR	Manhole	0:48	130	YES	Hanging Moss	0.18	Grease
8/23/2017	2:57 PM	2223 SAINT CHARLES ST	Manhole	NR	460	YES	Lynch	1.21	Collapsed Pipe
8/24/2017	11:47 AM	1116 FOREST AVE	Manhole	2:02	480	YES	Hanging Moss	0.04	Grease
8/25/2017	3:28 PM	4380 BROOK DR	Bypass Pump Failure	NR	420	NO	Hanging Moss	0.00	Other
8/25/2017	5:04 PM	2826 BOOKER T WASHINGTON ST	Manhole	NR	320	YES	Town	0.00	Collapsed Pipe
8/29/2017	7:20 PM	1937 WILLIAM DR	Cleanout	0:40	35	NO	Cany	0.12	Grease
9/1/2017	9:00 AM	4781 MESILLA DR	Ground Surface (defective pipe underground)	1:13	130	YES	Hanging Moss	0.01	Roots
9/4/2017	12:53 PM	2826 BOOKER T WASHINGTON ST	Manhole	NR	520	YES	Town	0.00	Collapsed Pipe
9/2/2017	12:54 PM	1860 SHAMROCK DR	Manhole	NR - Private Property	120	YES	Hardy	0.00	Collapsed Pipe
9/4/2017	10:05 AM	3540 SUNSET DR	Manhole	1:34	45	YES	Town	0.00	Grease
9/6/2017	10:51 AM	2103 POWERS AVE	Manhole	NR	450	YES	Town	0.01	Other
9/7/2017	4:38 PM	813 AVONDALE DR	Ground Surface (defective pipe underground)	NR	45	YES	Eubanks	0.00	Collapsed Pipe
9/7/2017	12:51 PM	5475 RIDGEWOOD ROAD	Ground Surface (defective pipe underground)	NR - Private Property	40	NO	Eubanks	0.00	Collapsed Pipe
9/7/2017	6:33 PM	345 RIDGEWOOD ROAD	Manhole	NR	120	YES	Eubanks	0.00	Grease
9/8/2017	3:36 PM	117 CLINTON PARK DR	Manhole	0:55	130	YES	Town	0.00	Grease
9/8/2017	10:35 AM	787 E. NORTHSIDE DR	Manhole	1:55		YES	Hanging Moss	0.00	Grease
9/18/2017	7:00 AM	787 E. NORTHSIDE DR	Manhole	6:15	250	YES	Eastover	0.01	Grease
9/14/2017	4:50 PM	941 BELHAVEN ST	Cleanout	NR	25	NO	Eubanks	0.00	Other
9/14/2017	5:45 PM	919 PINEHURST ST	Cleanout	NR	15	NO	Eubanks	0.00	Other
9/20/2017	9:24 AM	116 SOUTH BROOK DR	Manhole	27:03:00	550	YES	Purple	0.77	Other
9/21/2017	4:58 PM	3675 HORTON AVE	Ground Surface (defective pipe underground)	0:32	260	YES	Town	0.01	Grease

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9/21/2017	4:04 PM	619 FOREST AVE	Ground Surface (defective pipe underground)	NR	360	YES	Hanging Moss	0.01	Collapsed Pipe
9/22/2017	3:50 PM	3665 SYKES ROAD	Other	ongoing	15,000	YES	Cany	0.00	Collapsed Pipe
9/26/2017	6:15 AM	3665 SYKES ROAD	Other	ongoing	15,000	YES	Cany	0.00	Collapsed Pipe
9/30/2017	5:00 PM	3665 SYKES ROAD	Other	ongoing	15,000	YES	Cany	0.00	Collapsed Pipe
9/21/2017	6:37 PM	5426 QUEEN CHRISTINA LANE	Manhole	0:34	720	YES	Town	0.01	Grease
9/30/2017	3:15 PM	4095 SIWELL ROAD	Pump Station	NR	NR	YES	Big Creek	0.00	Other
10/2/2017	7:10 PM	LAMAR ST	Manhole	Ongoing	200	YES	Town	0.06	Grease
10/3/2017	12:51 PM	3347 Robinson Street	Other	0.78	400	YES	Lynch	0.00	Grease
9/22/2017	1:10 PM	3665 SYKES PLACE ROAD	Other	456.00	285,000	YES	Cany	0.00	Collapsed Pipe
10/4/2017	4:06 PM	2982 MCDOWELL ROAD EX	Manhole	0.32	180	YES	Cany	0.00	Grease
10/4/2017	2:53 PM	140 CHERRY HILL DR	Other	Ongoing	450	YES	Hardy	0.00	Other
10/5/2017	12:57 PM	5551 SHAW ROAD	Manhole	Ongoing	1,800	YES	Bakers	0.00	Grease / Solids
10/7/2017	10:26 AM	4617 Hillisdale Drive	Manhole	0.43	120	YES	Hanging Moss	0.13	Grease
10/7/2017	8:59 AM	815 MONTEREY ST	Manhole	Ongoing	600	YES	Hardy	0.13	Roots
10/13/2017	9:00 AM	LINDSEY DR / OAKMONT DR	Ground Surface (defective pipe underground)	6.17	200	YES	Lynch	0.00	Collapsed Pipe
10/15/2017	11:45 AM	864 REAVES ST	Manhole	1.17	200	YES	Hardy	0.00	Grease
10/16/2017	6:15 PM	1962 TEAKWOOD DR	Cleanout	0.52	50	NO	Eubanks	0.20	Other
10/2/2017	5:00 PM	1119 PRIMROSE ST	Cleanout	Ongoing	50	NO	Eubanks	0.20	Collapsed Pipe
10/17/2017	6:06 PM	5453 MIMOSA DR	Manhole	0.90	60	YES	Hanging Moss	0.00	Grease
10/17/2017	2:39 PM	1655 FIRST AVE	Ground Surface (defective pipe underground)	1.27	80	YES	Town	0.00	Collapsed Pipe
10/17/2017	1:36 PM	1224 FAIRMONT AVE	Ground Surface (defective pipe underground)	0.70	200	YES	Lynch	0.00	Grease
10/17/2017	10:17 AM	1706 HAIR ST	Other	0.70	320	YES	Lynch	0.00	Collapsed Pipe
10/18/2017	10:14 AM	443 QUEEN CATHERINE LANE	Ground Surface (defective pipe underground)	0.32	120	YES	Lynch	0.00	Collapsed Pipe
10/21/2017	2:26 PM	4417 AZALEA DR	Other	2.12	2	NO	Hanging Moss	0.24	Other

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10/24/2017	9:49 AM	2362 PRINCESS PINE DR	Manhole	0.32	60	YES	Big Creek	0.00	Grease
10/25/2017	2:18 PM	5000 RIDGEWOOD ROAD	Manhole	0.70	420	YES	Hanging Moss	0.00	Grease
10/25/2017	1:41 PM	503 WESLEY AVE	Manhole	0.18	120	YES	Town	0.00	Grease
10/25/2017	9:21 AM	262 QUEEN ANNE LANE	Manhole	0.82	220	YES	Town	0.00	Other
10/25/2017	7:00 AM	5551 SHAW ROAD	Manhole	28.75	380	YES	Lynch	0.00	Grease / Solids
10/26/2017	4:41 PM	1110 JEFFERSON ST	Other	Ongoing	380	YES	Town	0.00	Collapsed Pipe / Other
10/28/2017	2:39 PM	4328 N. State Street	Ground Surface (defective pipe underground)	Ongoing	40	YES	Hanging Moss	0.86	Collapsed Pipe
10/28/2017	1:14 PM	941 VALENCIA ST	Manhole	0.98	470	YES	Hardy	0.86	Grease
10/30/2017	10:11 AM	3418 FOREST HILL ROAD	Manhole	0.75	125	NO	Cary	0.00	Solids
11/1/2017	3:15 PM	ELRAINE BLVD / COLEMAN BLVD	Manhole	1.42	126	YES	Town	0.21	Other
11/1/2017	9:46 AM	4110 CRESTVIEW ST	Manhole	3.48	21	NO		0.21	Grease
11/3/2017	6:00 PM	4125 CRANE BLVD	Ground Surface (defective pipe underground)	4.00	500	YES	Eastover	0.04	Solids / Other
11/6/2017	9:45 PM	2980 BELVEDERE DR	Manhole	0.57	50	YES	Lynch	0.00	Grease
11/7/2017	7:00 AM	COLEMAN AVE	Ground Surface (defective pipe underground)	6.00	750	YES	Town	0.00	Other
11/8/2017	10:45 AM	917 INGE ST	Cleanout	0.63	90	YES	Town	0.07	Grease
11/10/2017	2:14 PM	5055 OLD CANTON RD	Manhole	0.13	30	YES	Hanging Moss	0.00	Solids
11/10/2017	12:43 PM	2024 WILLOW WAY	Manhole	1.02	250	YES	Hardy	0.00	Grease
11/10/2017	7:49 AM	201 WESTHAVEN BLVD	Manhole	1.47	720	YES	Lynch	0.00	Grease
11/11/2017	11:30 AM	2821 GREINA GREEN DR	Manhole	0.37	80	YES	Lynch	0.00	Grease
11/14/2017	1:55 PM	1214 MELWOOD PL	Ground Surface (defective pipe underground)	0.60	120	YES	Hanging Moss	0.00	Grease
11/15/2017	11:07 AM	2804 SUNCREST DR	Cleanout	1.67	320	YES	Cary	0.00	Grease
11/15/2017	9:49 AM	147 ADELLE CT	Other	0.60	60	NO	Town	0.00	Collapsed Pipe
11/16/2017	10:05 AM	2981 MCDOWELL ROAD	Manhole	0.68	280	YES	Cary	0.00	Grease
11/17/2017	9:30 AM	913 CARLISLE ST	Ground Surface (defective pipe underground)	0.58		NO	Town	0.00	Grease / Other

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11/20/2017	5:00 PM	237 KIMBROUGH DR	Manhole	0.67	50	YES	Lynch	0.00	Grease
11/20/2017	3:20 PM	1301 HAIR ST	Ground Surface (defective pipe underground)	NR	200	YES	Lynch	0.00	Solids / Other
11/21/2017	11:28 AM	831 RAYMOND ROAD	Cleanout	0.73	170	NO	Hardy	0.00	Grease
11/22/2017	6:49 PM	4879 RAYMOND ROAD	Ground Surface (defective pipe underground)	0.32	180	NO	Big Creek	0.00	Solids
11/22/2017	8:37 AM	309 MCDOWELL ROAD	Manhole	4.63	150	YES	Hardy	0.00	Roots
11/22/2017	12:26 PM	1119 PRIMROSE ST	Other	2.07	15	NO		0.00	Collapsed Pipe / Other
11/22/2017	11:21 AM	5192 SYCAMORE DR	Ground Surface (defective pipe underground)	0.90	100	NO	Cany	0.00	Collapsed Pipe
11/27/2017	6:00 PM	North State	Ground Surface (defective pipe underground)	Ongoing	NR	NO	Hanging Moss	0.00	Collapsed Pipe / Other
11/27/2017	4:15 PM	346 AUDUBON PL	Manhole	1.25		NO	Hanging Moss	0.00	Grease / Solids
11/27/2017	12:20 PM	347 MAGNOLIA ROAD	Manhole	1.37	320	YES	Town	0.00	Grease
11/27/2017	11:46 AM	1643 PEAR ORCHARD PL	Ground Surface (defective pipe underground)	0.75	640	YES	Purple	0.00	Collapsed Pipe
11/27/2017	8:14 AM	347 WILLIAM MCKINLEY CIR	Cleanout	14.08	80	YES	Bogue Chitto	0.00	Grease
11/28/2017	12:44 PM	629 FONDREN PL	Manhole	0.63	2,992	YES	Eubanks	0.00	Grease
11/28/2017	10:16 AM	1520 ELLIS AVE	Manhole	0.82	1,220	YES	Lynch	0.00	Grease
11/30/2017	12:00 PM	148 HOLLY HILL DR	Manhole	1.18	NR	YES	Trahan	0.00	Roots / Collapsed Pipe
11/30/2017	11:00 AM	1429 NORTHSIDE DR	Manhole	NR-previous SSO	NR	NO	Hanging Moss	0.01	Grease
12/1/2017	11:28 AM	316 QUEEN THERESA LANE	Manhole	2.53	1,220	YES	Lynch	0.00	Grease
12/4/2017	12:45 PM	5507 GEORGE WASHINGTON DR	Manhole	0.50	75	YES	Hanging Moss	0.00	Grease
12/7/2017	10:57 AM	5192 SYCAMORE DR	Ground Surface (defective pipe underground)	0.05	100	YES	Hardy	0.02	Collapsed Pipe
12/11/2017	11:06 AM	1253 EASTOVER DR	Manhole	0.40	2,000	NO	Eastover	0.00	Grease / Solids
12/11/2017	10:26 AM	3540 SUNSET DR	Manhole	28.82	100	YES	Town	0.00	Grease
12/12/2017	9:30 AM	ARLINGTON ST / PEACHTREE ST	Manhole	1.27	100	NO	Belhaven	0.00	Solids
12/12/2017	9:29 AM	5702 Megar Ever Blvd	Manhole	6.47	100	YES	Town	0.00	Grease

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12/13/2017	3:46 PM	2545 PROSPERITY ST	Manhole	145.95	17,280	YES	Town	0.00	Grease / Solids
12/14/2017	6:00 PM	Jefferson St /Carlisle St	Ground Surface (defective pipe underground)	2.25	100	YES	Belhaven	0.00	Grease / Solids
12/15/2017	10:19 AM	2573 Lake Circle	Manhole	1.98	435	YES	Hanging Moss	0.00	Other
12/18/2017	9:55 AM	4515 Ridgewood Rd	Manhole	3.75	125	NO	Eubanks	0.01	Grease
12/20/2017	8:05 AM	3144 WOODSIDE DR	Manhole	0.92	600	NO	Cany	0.64	Grease / Solids
12/21/2017	2:32 PM	3347 ROBINSON ROAD	Cleanout	24.97	1,000	NO	Lynch	0.01	Grease / Solids
12/26/2017	10:03 AM	4083 ROBIN DR	Ground Surface (defective pipe underground)	2.28	80	YES	Hanging Moss	0.56	Collapsed Pipe
12/26/2017	9:30 AM	2828 N. Downing St.	Other	Ongoing	160	YES	Town	0.56	Collapsed Pipe
12/27/2017	11:15 AM	428 SPRINGFIELD CIR	Manhole	NR-Previous SSO	NR-Previous SSO	NO	Town	0.09	Other
12/27/2017	8:30 PM	136 Glenstone Cir	Manhole	2.00	500	NO	Cany	0.09	Grease / Solids
12/27/2017	1:35 PM	4654 Casa Blanca	Cleanout	0.98	300	NO	Eubanks	0.09	Grease / Solids
12/28/2017	7:30 PM	4515 RIDGEWOOD	Manhole	1.50	100	NO	Eubanks	0.00	Grease / Solids
12/28/2017	11:15 AM	410 MEADOWBROOK ROAD	Cleanout	0.67	100	NO	Belhaven	0.00	Grease
12/29/2017	1:00 PM	641 CHELSEA DR	Manhole	1.05	500	NO	Big Creek	0.00	Grease
1/1/2018	12:30 PM	ELLIS AVE / I20	Manhole	0.50	700	NO	NA	0.00	Grease
1/3/2018	12:00 PM	4205 OAKMONT DR	Cleanout	0.83	250	YES	Lynch	0.00	Grease
1/4/2018	12:00 PM	329 WILLIAM MCKINLEY CIR	Manhole	1.17	250	YES	Bogue Chitto	0.00	Grease, Solids
1/5/2018	12:00 PM	1115 PALMYRA ST	Ground Surface (defective pipe underground)	2.23	80	YES	Town	0.00	Grease
1/5/2018	7:58 AM	2981 MCDOWELL ROAD	Manhole	3.12	280	YES	Cany	0.00	Grease
1/8/2018	1:15 PM	275 MANSHIP ST	Manhole	0.17	400	NO	NA	0.43	Grease
1/8/2018	8:13 AM	5745 GLADEWOOD DR	Cleanout	370.13	2,125	YES	White Oak	0.49	Grease
1/9/2018	11:10 AM	749 BROADMOOR DR	Cleanout	6.10	680	YES	Eubanks	0.02	Grease
1/10/2018	3:50 PM	1644 CAMELLIA LANE	Manhole	0.88	3,240	YES	Lynch	0.00	Grease
1/10/2018	2:00 PM	629 FONDREN PL	Manhole	23.72	80	YES	Town	0.00	Grease
1/11/2018	11:10 AM	209 PARCEL DR	Manhole	6.10	80	YES	Three Mile	0.24	Solids
1/12/2018	8:18 AM	1021 TRINITY ST	Cleanout	3.82	70	NO	NA	0.00	Grease
1/13/2018	12:18 PM	4023 KINGS HWY	Manhole	1.65	60	YES	Eubanks	0.00	Solids

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1/13/2018	8:13 AM	34 ROBINWOOD PL	Ground Surface (defective pipe underground)	2.25	130	YES	Purple	0.00	Grease
1/15/2018	8:33 AM	488 CAMBRIDGE LANE	Manhole	8.23	2,040	YES	Trahon	0.00	Roots
1/18/2018	11:57 AM	3957 BERKLEY DR	Cleanout	27.43	120	NO	NA	0.00	Undetermined
1/18/2018	11:27 AM	134 GLENSTONE CIR	Manhole	30.95	600	NO	NA	0.00	Grease, Solids
1/19/2018	10:04 AM	136 E ASH ST	Manhole	7.45	1,400	YES	Town	0.00	Grease
1/19/2018	9:57 AM	619 FOREST AVE	Manhole	9.00	180	YES	Eubanks	0.00	Collapsed Pipe
1/20/2018	3:20 PM	1933 VENTURA DR	Manhole	1.78	300	YES	Three Mile	0.00	Undetermined
1/20/2018	10:04 AM	4863 WINDERMERE TER	Cleanout	6.32	40	NO	NA	0.00	Solids
1/21/2018	10:24 PM	5735 GLADEWOOD DR	Cleanout	55.95	1,425	YES	White Oak	0.00	Grease
1/21/2018	9:39 AM	2118 EAST DR	Ground Surface (defective pipe underground)		600	NO	NA	0.00	Collapsed Pipe
1/22/2018	8:43 PM	6519 GEORGE WASHINGTON DR	Manhole	3.48	200	NO	NA	0.00	Grease, Solids
1/22/2018	1:13 PM	1253 EASTOVER DR	Manhole	9.28	1,000	NO	NA	0.94	Grease, Solids
1/22/2018	12:33 PM	134 GLENSTONE CIR	Manhole	48.95	120	NO	NA	1.24	Grease, Solids
1/23/2018	8:58 AM	1119 PRIMROSE ST	Cleanout	4.25	80	NO	NA	0.00	Collapsed Pipe
1/23/2018	7:00 AM	1049 J R Lynch Street	Manhole	4.50	120	NO	NA	0.00	Grease, Solids
1/24/2018	10:06 PM	121 TAYLOR ST	Cleanout	0.75		NO	NA	0.00	Grease, Solids
1/24/2018	4:28 PM	5420 HWY I-55	Manhole	1.30	120	NO	NA	0.00	Undetermined
1/24/2018	11:15 AM	6035 WOODHAVEN ROAD	Cleanout	1.73	20	NO	NA	0.00	Grease, Solids
1/24/2018	8:17 AM	6011 WOODHAVEN ROAD	Cleanout	49.72	200	NO	NA	0.00	Grease, Solids
1/26/2018	1:40 PM	3945 STOVER AVE	Ground Surface (defective pipe underground)	3.05	100	NO	NA	0.00	Grease, Solids
1/29/2018	12:26 PM	2046 WILLOW WAY	Other	1.32	1,030	YES	Three Mile	0.00	Grease
1/29/2018	9:43 AM	3540 SUNSET DR	Manhole	4.20	150	NO	NA	0.00	Grease, Solids
1/30/2018	9:29 AM	1932 WILLOW WAY	Ground Surface (defective pipe underground)	2.70	100	NO	NA	0.00	Grease, Solids
2/1/2018	7:00 AM	4641 I 55 N. FRONTAGE RD	Cleanout	1.12	420	NO	NA	0.03	Grease
2/4/2018	8:24 AM	324 ROLLINGWOOD DR	Manhole	2.08	300	NO	NA	1.10	Grease, Solids

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2/5/2018	8:33 AM	5519 GEORGE WASHINGTON DR	Manhole	3.63	1,180	YES	Bogue Chitto	0.00	Grease
2/7/2018	1:34 PM	5055 OLD CANTON RD	Manhole	0.97	100	NO	NA	2.29	Grease, Solids
2/8/2018	12:21 PM	2865 CHARLESTON AVE	Manhole	6.28	600	NO	NA	0.00	Grease, Solids
2/12/2018	11:00 AM	N.STATE ST	Ground Surface (defective pipe underground)	Undetermined	Undetermined	NO	NA	0.00	Collapsed Pipe
2/12/2018	9:20 AM	814 AVONDALE DR	Ground Surface (defective pipe underground)	Undetermined	Undetermined	NO	NA	0.14	Collapsed Pipe
2/26/2018	12:19 PM	4910 I 55 N	Cleanout	3.75	2,160	YES	Hanging Moss	0.28	Grease
2/26/2018	10:00 AM	815 BROOKWOOD DR	Ground Surface (defective pipe underground)	Undetermined	200	YES	Eubanks	0.26	Roots, Collapsed Pipe
2/27/2018	1:00 PM	2684 KEY ST	Cleanout	6.00	75	NO	NA	0.08	Collapsed Pipe
2/28/2018	4:24 PM	1644 CAMELLIA LANE	Manhole	4.92	8,640	YES	Lynch	0.47	Grease
2/28/2018	12:51 PM	3921 BISHOP AVE	Ground Surface (defective pipe underground)	7.02	800	YES	Eubanks	0.00	Collapsed Pipe
2/28/2018	10:55 AM	1021 TRINITY ST	Cleanout	45.25	1,400	YES	Town	0.00	Collapsed Pipe
3/1/2018	4:19 PM	613 FOREST AVE	Manhole	2.95	1,340	YES	Eubanks	0.00	Collapsed Pipe
3/2/2018	9:53 AM	450 ROCKDALE DR	Manhole	Not Reported	1,620	YES	Eubanks	0.00	Collapsed Pipe
3/2/2018	3:54 PM	4049 N. West Street	Manhole	2.43	780	YES	Eubanks	0.00	Grease
3/2/2018	11:05 AM	814 AVONDALE DR	Ground Surface (defective pipe underground)	No Volume- Previous SSO		NO	NA	0.00	Collapsed Pipe
3/2/2018	1:00 PM	1119 PRIMROSE ST	Ground Surface (defective pipe underground)	Not Reported		NO	NA	0.00	Collapsed Pipe
3/4/2018	4:30 PM	223 DANIEL LAKE BLVD	Cleanout	1.00	430	NO	NA	0.00	Grease
3/5/2018	3:20 PM	1022 WILLOW ST	Ground Surface (defective pipe underground)	1.15	100	NO	NA	1.15	Collapsed Pipe
3/6/2018	4:26 PM	2828 N. Downing Street	Cleanout	2.73	200	NO	NA	0.00	Collapsed Pipe
3/1/2018	4:00 PM	4333 MEADOW HILL DR	Cleanout	3.95	100	NO	NA	0.00	Collapsed Pipe
3/6/2018	5:45 PM	436 SPRINGFIELD CIR	Cleanout	Not Reported	375	YES	Lynch	0.00	Collapsed Pipe

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3/6/2018	8:11 AM	4157 CRANE BLVD	Manhole	24.72	100	NO	NA	0.00	Other
3/6/2018	3:17 PM	2680 KEY ST	Cleanout			NO	NA	0.29	Grease / Solids
3/6/2018	10:14 AM	306 SYLVAN TRL	Ground Surface (defective pipe underground)	2.22	200	NO	NA	0.00	Collapsed Pipe
3/7/2018	10:50 AM	131 GLENSTONE CIR	Ground Surface (defective pipe underground)	3.17	200	YES	Cary	0.00	Other
3/7/2018	11:52 AM	44 AUTUMN COVE	Manhole	5.63	2,680	YES	Hanging Moss	0.00	Grease
3/9/2018	2:35 PM	2828 DOWNING ST	Cleanout	Not Reported	100	YES	Town	0.00	Collapsed Pipe
3/11/2018	10:45 AM	3527 EDMAR PL	Manhole	Not Reported	250	YES	Eubanks	1.74	Excessive Flow
3/11/2018	11:00 AM	3625 CAVALIER DR	Manhole	Not Reported	250	YES	Eubanks	1.74	Excessive Flow
3/11/2018	12:00 PM	FOREST AVE / WATKINS DR	Manhole	Not Reported	100	YES	Eubanks	1.74	Excessive Flow
3/11/2018	12:30 PM	COLEBROOK AVE / SPRINGFIELD CIR	Manhole	Not Reported	250	YES	Lynch	1.74	Excessive Flow
3/11/2018	2:00 PM	926 SANTEE ST	Manhole	Not Reported	75	YES	Cary	1.74	Excessive Flow
3/11/2018	2:40 PM	3145 Lakewood Drive	Manhole	Not Reported	200	YES	Cary	1.74	Excessive Flow
3/15/2018	3:56 PM	2302 LAUREL ST	Ground Surface (defective pipe underground)	18.07	200	YES	Belhaven	0.00	Collapsed Pipe
3/20/2018	3:46 PM	259 SHILOH DR	Manhole	18.07	3,880	YES	Hardy	0.00	Grease
3/20/2018	8:00 AM	2424 BAILEY AVE	Manhole	Not Reported	13,180	YES	Town	0.00	Other
4/3/2018	7:02 AM	234 Forest Ave	Cleanout	4.65	1,740	Yes	Hanging Moss	0.00	Grease
4/3/2018	8:30 AM	5620 Shaw Road	Manhole	3.00	600	No	NA	0.37	Grease / Solids
4/4/2018	11:00 AM	814 Avondale Dr	Ground Surface (defective pipe underground)	Ongoing	NR	No	NA	0.05	Collapsed Pipe
4/6/2018	3:23 PM	4704 Hanging Moss Rd	Manhole	18.35	1,120	Yes	Hanging Moss	0.00	Collapsed Pipe
4/7/2018	9:22 AM	2636 St Charles St	Manhole	4.82	1,540	Yes	Lynch	0.02	Grease
4/9/2018	1:30 PM	814 Avondale Dr	Ground Surface (defective pipe underground)	Ongoing	NR	No	NA	0.00	Collapsed Pipe
4/9/2018	10:20 AM	1520 Ellis Ave	Manhole	1.30	500	No	NA	0.00	Grease / Solids
4/10/2018	8:17 AM	436 Springfield Cir	Cleanout	Follow up / Main repaired	NR	Yes	Lynch	0.00	Collapsed Pipe

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4/10/2018	9:00 AM	3921 Bishop Ave	Ground Surface (defective pipe underground)	NR	NR	No	NA	0.00	Collapsed Pipe
4/10/2018	9:30 AM	1405 E. Northside Dr	Other	NR	NR	No	NA	0.00	Grease
4/10/2018	12:00 PM	Ridgeway St / N. State St	Manhole	NR	NR	No	NA	0.00	NR
4/11/2018	12:15 PM	533 Glendale St	Ground Surface (defective pipe underground)	Ongoing	75	Yes	Town	0.00	Other
4/12/2018	12:22 PM	1005 Greymont Ave	Manhole	1.87	1,810	Yes	Belhaven	0.00	Grease
4/12/2018	12:08 PM	4004 Medgar Evers Blvd	Manhole	Ongoing	890	Yes	Town	0.00	Collapsed Pipe
4/13/2018	11:00 AM	131 Glenstone Cir	Manhole	0.33	NR	No	NA	0.00	Solids
4/14/2018	10:20 AM	1429 E. Northside Dr	Manhole	Ongoing	2,180	Yes	Eastover	2.10	Grease / Collapsed Pipe
4/19/2018	9:42 PM	2305 Timber Crossing Rd	Manhole	50.70	12,380	Yes	Cany	0.00	Grease
4/20/2018	8:19 AM	4851 Cottonwood Dr	Other	366.18	300	Yes	Big Creek	0.00	Other
4/22/2018	1:00 PM	2260 Monaco St	Manhole	0.33	200	Yes	Hardy	3.45	Excessive Flow
4/26/2018	9:21 AM	3365 Forest Hill Rd	Cleanout	1.48	120	No	NA	0.44	Solids / Collapsed Pipe
4/27/2018	NR	133 Cherry Hill Rd	Ground Surface (defective pipe underground)	Ongoing	4,780	Yes	Purple	0.00	Collapsed Pipe
5/1/2018	3:00 PM	941 Belhaven St	Cleanout	0.50	150	Yes	Belhaven	0.00	Collapsed Pipe
5/1/2018	1:41 PM	2138 East Dr	Ground Surface (defective pipe underground)	1178.87	700	Yes	Three Mile	0.00	Collapsed Pipe
5/3/2018	3:31 PM	4345 Ridgewood Road	Ground Surface (defective pipe underground)	Ongoing	4,690	Yes	Hanging Moss	0.00	Collapsed Pipe
5/3/2018	10:57 AM	531 Naples Road	Ground Surface (defective pipe underground)	Ongoing	1,480	Yes	Eubanks	0.00	Collapsed Pipe
5/9/2018	11:30 AM	2828 Downing St	Cleanout	0.82	Undetermined	Yes	Town	0.00	Collapsed Pipe
5/10/2018	8:35 AM	415 E. Northside Dr	Manhole	6.02	5,400	Yes	Eubanks	0.00	Grease
5/10/2018	8:26 AM	4015 Watkins Dr	Ground Surface (defective pipe underground)	Ongoing	3,100	Yes	Eubanks	0.00	Collapsed Pipe
5/14/2018	10:42 AM	2333 Timber Crossing Rd	Manhole	2.83	1,460	Yes	Cany	0.00	Grease

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5/15/2018	11:13 AM	4515 Meadow Ridge Dr	Ground Surface (defective pipe underground)	Ongoing	760	Yes	Eubanks	0.00	Collapsed Pipe
5/14/2018	5:17 PM	4028 Pine Hill Drive	Cleanout	Ongoing	80	Yes	Eubanks	0.00	Collapsed Pipe
5/16/2018	2:10 PM	4300 N. State St	Ground Surface (defective pipe underground)	170.58	940	Yes	Eubanks	0.13	Collapsed Pipe
5/18/2018	1:00 PM	1852 Shamrock Dr	Ground Surface (defective pipe underground)	2.13	4,820	Yes	Three Mile	0.00	Collapsed Pipe
5/23/2018	7:22 AM	4723 Darius Dr	Cleanout	2.92	475	Yes	Lynch	1.57	Grease
5/23/2018	10:40 AM	5452 Clinton Blvd	Ground Surface (defective pipe underground)	1.50	860	Yes	Lynch	0.00	Collapsed Pipe
5/23/2018	10:15 AM	315 Lexington Ave	Manhole	Undetermined	9,380	Yes	Lynch	1.57	Collapsed Pipe
5/24/2018	6:44 AM	5412 Keele St	Cleanout	8.98	11,380	Yes	Hanging Moss	0.02	Grease
5/24/2018	4:00 PM	2312 Eastover Dr	Manhole	1.10	1,980	Yes	Eastover	0.25	Solids
5/29/2018	9:27 AM	132 Glenstone Cir	Manhole	5.55	2,470	Yes	Cary	0.00	Grease / Solids
5/30/2018	9:11 AM	107 Sunny Lane Dr	Ground Surface (defective pipe underground)	3.95	310	Yes	Three Mile	0.01	Grease
5/31/2018	12:08 PM	411 Cummins St	Other	Ongoing	980	Yes	Three Mile	0.00	NR
5/31/2018	2:19 PM	105 E. Pascagoula St	Manhole	3.37	760	Yes	Town	0.00	Grease
5/31/2018	7:59 AM	2920 Greenwood Ave	Manhole	Undetermined	3,500	Yes	Hardy	0.00	Collapsed Pipe
6/4/2018	1:11 PM	4225 Industrial Dr	Manhole	Undetermined	28,600	Yes	Town	0.00	Other / Undetermined
6/5/2018	10:30 PM	814 Avondale Dr	Manhole	Ongoing	45	No	NA	0.25	Collapsed Pipe
6/5/2018	7:16 AM	258 Delaware Ave	Manhole	34.48	12,300	Yes	Lynch	0.21	Collapsed Pipe
6/7/2018	1:21 PM	183 Luke St	Ground Surface (defective pipe underground)	NR	420	No	NA	0.00	Collapsed Pipe
6/8/2018	11:18 PM	4025 Kings Hwy	Manhole	Ongoing	940	Yes	Eubanks	0.00	Other / Undetermined
6/13/2018		E Northside Dr / Kimwood Dr	Manhole	NR	100	No	NA	0.14	Excessive Flow
6/13/2018	8:40 AM	379 Reserve Dr	Manhole	1.12	1,800	Yes	Town	0.00	Solids
6/14/2018	11:48 AM	3853 Gammill St	Other	1.92	260	Yes	Town	0.00	Grease
6/14/2018	11:00 AM	379 Reserve Dr	Manhole	Undetermined	Previous SSO	No	NA	0.00	NR
6/15/2018	8:00 AM	Mohawk Ave / Kings Hwy	Manhole	Ongoing	100	Yes	Eubanks	0.02	Collapsed Pipe

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6/16/2018	10:19 AM	4341 Meadow Hill Dr	Other	Ongoing	470	Yes	Eubanks	0.00	Other
6/19/2018	12:10 PM	1429 E Northside Dr	Manhole	2.50	4,280	Yes	Eastover	0.01	Grease / Collapsed Pipe
6/21/2018	2:02 PM	927 Fairfax Circle	Ground Surface (defective pipe underground)	21.77	7,220	Yes	White Oak	0.01	Grease
6/22/2018	11:43 AM	188 John St	Ground Surface (defective pipe underground)	NR	420	No	NA	0.00	Collapsed Pipe
6/22/2018	4:45 PM	4046 Pine Hill Dr	Ground Surface (defective pipe underground)	16.37	1,150	Yes	Eubanks	0.15	Collapsed Pipe
6/27/2018	9:34 AM	4607 Churchill Dr	Ground Surface (defective pipe underground)	2.32	480	Yes	Eubanks	0.00	Collapsed Pipe
6/22/2018	2:50 PM	172 E Woodcrest Dr	Manhole	Ongoing	100	Yes	Caney		Other
9/19/2017	9:51 AM	Perry St / Prosperity St	Ground Surface (defective pipe underground)	Repair Complete. Bypass Pump Removed	Undetermined	Yes	Town	0.00	Collapsed Pipe
5/31/2018	8:00 AM	2920 Greenwood Ave	Manhole	1,326.75	38,400	Yes	Hardy	0.00	Collapsed Pipe
6/22/2018	3:29 PM	172 E Woodcrest Dr	Manhole	Ongoing / Unresolved	4,450	Yes	Caney	0.73	Other
7/6/2018	9:42 AM	1945 Petit Bois	Ground Surface (defective pipe underground)	NR	25	No	NA	0.28	Collapsed Pipe
7/6/2018	9:00 AM	814 Avondale St	Ground Surface (defective pipe underground)	Ongoing / Unresolved	10	Yes	Eubanks	0.12	Collapsed Pipe
7/11/2018	12:50 PM	3190 W Northside Dr	Manhole	0.80	280	Yes	Town	0.00	Grease
7/12/2018	11:30 AM	1413 Northside Dr	Manhole	5.00	200	Yes	Eastover	0.00	Collapsed Pipe/ Grease
7/16/2018	3:40 PM	1110 Jefferson St	Ground Surface (defective pipe underground)	71.75	8,420	Yes	Belhaven	2.22	Collapsed Pipe
7/17/2018	11:30 AM	Mule Jail Rd	Manhole	23.00	300	Yes	Purple	0.02	Other
7/18/2018	4:00 PM	323 Valley St	Other	NR	25	Yes	Lynch	0.15	Collapsed Pipe
7/18/2018	11:07 AM	1915 Corley Ave	Cleanout	26.55	13,360	Yes	Town	0.00	Grease
7/19/2018	2:09 PM	1852 Shamrock Dr	Ground Surface (defective pipe underground)	24.52	4,320	Yes	Three Mile	0.00	Collapsed Pipe
7/19/2018	5:27 PM	4332 Will O Run Dr	Cleanout	22.37	3,940	Yes	Big Creek	0.00	Grease

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7/23/2018	9:51 PM	2573 Lake Circle	Manhole	23.73	3,840	Yes	Hanging Moss	0.00	Solids
7/23/2018	9:51 AM	2573 Lake Circle	Manhole	23.57	40	Yes	Eastover	0.00	Grease / Solids
7/24/2018	9:07 AM	329 Columbus	Other	Ongoing / Unresolved	50	Yes	Lynch	0.00	Other
7/25/2018	7:25 PM	George St / Jefferson St	Ground Surface (defective pipe underground)	Ongoing / Unresolved	200	No	NA	0.00	Grease / Solids
7/28/2018	7:22 AM	930 Belhaven St	Ground Surface (defective pipe underground)	2.88	3,480	Yes	Belhaven	0.67	Collapsed Pipe/ Grease
7/31/2018	11:00 AM	584 N Canton Club Cir	Ground Surface (defective pipe underground)	0.75	5	No	NA	0.51	Collapsed Pipe
7/31/2018	2:00 PM	3411 Forest Hill Dr	Ground Surface (defective pipe underground)	Ongoing / Unresolved	100	Yes	Trahan	1.10	Collapsed Pipe
7/24/2018	9:07 AM	329 Columbus St	Other	313.30	2,925.00	Yes	Lynch	0.00	Other
8/2/2018	9:55 AM	304 Cedar Lane	Manhole	27.33	11,180.00	Yes	Hardy	0.41	Grease
8/4/2018	9:55 AM	4560 Methodist Farm Rd	Cleanout	5.37	75.00	No	Town	0.00	Grease
8/6/2018	6:11 PM	2222 E Northside Dr	Other	359.32	150,080.00	Yes	Hanging Moss	0.00	Other
8/6/2018	10:25 AM	329 Columbus St	Manhole	0.42	75.00	No	NA	0.00	Solids
8/7/2018	3:45 PM	4004 Medgar Evers Blvd	Manhole	Ongoing / Unresolved	2,500.00	Yes	Town	0.00	Collapsed Pipe
8/9/2018	4:40 PM	950 Buckley Dr	Ground Surface (defective pipe underground)	0.33	NR	No	NA	0.00	Collapsed Pipe
8/14/2018	3:45 PM	3411 Forest Hill Rd	Ground Surface (defective pipe underground)	Ongoing / Unresolved	1,800.00	No	NA	0.00	Collapsed Pipe / Solids
8/15/2018	10:00 AM	1130 Glen Erin St	Manhole	3.42	20.00	No	NA	0.00	Grease / Solids
8/16/2018	9:31 AM	816 Hickory Dr	Ground Surface (defective pipe underground)	127.20	235.00	No	NA	0.00	Collapsed Pipe
8/21/2018	9:00 AM	814 Avondale St	Ground Surface (defective pipe underground)	Ongoing / Unresolved	NR	No	NA	0.00	Collapsed Pipe
8/21/2018	5:58 PM	2046 Willow Way	Ground Surface (defective pipe underground)	17.72	5,240.00	Yes	Three Mile	0.00	Collapsed Pipe / Grease

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8/22/2018	10:16 AM	1812 Meadowbrook Rd	Ground Surface (defective pipe underground)	Ongoing / Unresolved	26,140.00	Yes	Eastover	0.00	Collapsed Pipe
8/27/2018	11:54 AM	2711 St Charles St	Cleanout	0.77	NR	No	NA	0.00	Grease / Solids
8/31/2018	3:00 PM	Ridgewood Rd / Roswell Dr	Other	NR	20.00	Yes	Eastover	0.24	Other
9/11/2018	10:40 AM	317 Queen Alexandria Lane	Manhole	1.25	100	No	NA	0.00	Grease / Solids
9/11/2018	3:05 PM	2118 East Dr	Ground Surface (defective pipe underground)	15.33	200	No	NA	0.35	Collapsed Pipe
9/18/2018	8:57 AM	1301 Hair St	Ground Surface (defective pipe underground)	6.60	3,290	Yes	Lynch	0.00	Grease
9/25/2018	4:05 PM	787 E Northside Dr	Manhole	21.20	4,780	Yes	Eubanks	0.05	Grease
9/26/2018	10:00 AM	147 Elmwood Pl	Manhole	2.25	150	Yes	Big Creek	1.87	Roots
9/26/2018	2:15 PM	3638 Cavalier Drive	Manhole	NR	1,000	Yes	Eubanks	1.65	Excessive Flow
9/28/2018	10:00 AM	1052 Cooper Road	Ground Surface (defective pipe underground)	2.00	200	Yes	Cary	0.00	Other
9/29/2018	11:11 AM	5055 Old Canton Rd	Manhole	0.32	220	Yes	Hanging Moss	0.00	Solids
9/29/2018	10:00 AM	4570 Old Canton Rd	Ground Surface (defective pipe underground)	1.00	75	Yes	Eastover	0.00	Collapsed Pipe / Grease
6/22/2018	3:29 PM	172 E Woodcrest Dr	Manhole	2,951.52	12,600	Yes	Cary	0.00	Tree fell. Damaged Manhole
10/1/2018	12:00 PM	3200 Woodrow Wilson Ave	Manhole	694.50	5,800	Yes	Town	0.00	Grease / Solids
10/1/2018	1:50 PM	105 E Pascagoula St	Manhole	0.58	100	Yes	Town	0.00	Grease / Solids
10/1/2018	9:30 AM	Manhattan Rd / Holly Dr	Manhole	0.50	300	No	NA	0.00	Grease / Solids
10/5/2018	1:30 PM	925 Reaves St	Ground Surface (defective pipe underground)	0.50	100	No	NA	0.00	Grease / Solids
10/7/2018	12:40 PM	2121 East Dr	Manhole	0.42	2,000	No	NA	0.00	Grease / Solids / Collapsed Pipe
10/10/2018	10:20 AM	201 Grandview Circle	Manhole	4.25	260	Yes	Three Mile	0.00	Grease
10/11/2018	10:48 AM	188 Treehaven Dr	Ground Surface (defective pipe underground)	NA	NA	Yes	Hardy	0.00	No SSO. Broken Water Main
10/15/2018	6:09 PM	203 E Monument St	Manhole	18.58	12,240	Yes	Town	0.00	Grease

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10/17/2018	9:35 AM	Pleasant Ave / Maple St	Ground Surface (defective pipe underground)	4.42	150	Yes	Town	0.00	Collapsed pipe
10/18/2018	4:45 PM	1525 Linde Road	Ground Surface (defective pipe underground)	3.25	20	Yes	Lynch	0.00	Strainer on Bypass Pump clogged
10/18/2018	2:40 PM	1087 I Frontage Rd	Manhole	144.58	880	No	NA	0.00	Grease / Solids
10/22/2018	4:30 PM	100 Rolling Meadows Dr	Manhole	2.02	100	Yes	Purple	0.00	Damaged by Water Dept.
10/23/2018	9:30 AM	1304 Eastover Dr	Manhole	3.53	100	Yes	Eubanks	0.00	Grease / Solids
10/24/2018	12:20 PM	2820 Terry Road	Manhole	1.92	500	No	NA	0.00	Grease
10/26/2018	2:15 PM	1110 N Jefferson St	Cleanout	120.75	2,400	Yes	Belhaven	0.00	Grease / Collapsed Pipe
10/28/2018	6:25 PM	319 Queen Julianna Lane	Ground Surface (defective pipe underground)	0.33	60	No	NA	0.00	Collapsed pipe
10/29/2018	5:45 PM	629 Fondren Pl	Manhole	1.25	Previous SSO	No	NA	0.00	Solids
10/30/2018	1:50 PM	2118 East Dr	Ground Surface (defective pipe underground)	0.00	Previous SSO	No	NA	0.00	Collapsed pipe
10/30/2018	9:15 AM	1429 Northside Dr	Manhole	0.00	Previous SSO	No	NA	0.00	Grease / Excessive Flow
10/30/2018	10:15 AM	2305 Timber Crossing	Manhole	1.58	700	No	NA	0.00	Grease / Solids
10/30/2018	10:00 AM	3638 Cavalier Dr	Manhole	0.00	Previous SSO	No	NA	0.00	Excessive Flow
11/1/2018	1:58 PM	1525 Linde Road	Other	0.45	10	No	NA	0.99	Leaking Pump Hose
11/3/2018	8:03 PM	3373 Cooper Rd	Manhole	37.78	2,200	No	NA	0.00	Solids
11/3/2018	10:00 PM	1117 Cooper Rd	Manhole	16.17	700	No	NA	0.00	Grease / Solids
11/6/2018	8:37 AM	125 Taylor St	Cleanout	3.82	280	Yes	Town	0.22	Grease
11/6/2018	2:47 PM	904 E Fortification St	Ground Surface (defective pipe underground)	2.18	460	Yes	Belhaven	0.22	Grease
11/7/2018	11:05 AM	1244 Cooper Rd	Cleanout	148.58	350	No	NA	1.11	Grease / Solids / Collapsed Pipe
11/8/2018	1:00 PM	1423 Woody Dr	Manhole	0.00	Previous SSO	No	NA	0.60	Excessive Flow
11/8/2018	12:30 PM	448 Cambridge Ln	Manhole	0.00	Previous SSO	No	NA	0.60	Excessive Flow
11/8/2018	12:50 PM	3138 Lakewood Dr	Manhole	0.00	Previous SSO	No	NA	0.60	Excessive Flow
11/11/2018	12:05 PM	2305 Timber Crossing	Manhole	1.67	100	No	NA	0.47	Grease

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11/12/2018	9:35 AM	5333 Brookhollow Dr	Ground Surface (defective pipe underground)	NR	1,500	No	NA	2.27	Excessive Flow / Pump Station Failure / Collapsed Pipe
11/12/2018	5:20 PM	Kimwood Dr / E Northside Dr	Manhole	0.08	25	No	NA	2.45	Grease
11/13/2018	2:45 PM	1244 Cooper Rd	Cleanout	0.92	150	No	NA	0.01	Grease / Collapsed Pipe
11/13/2018	7:05 AM	210 Highland Place Dr	Cleanout	6.47	30	No	NA	0.00	Collapsed Pipe
11/14/2018	2:31 PM	Belvedere Dr / Freemont St	Manhole	21.98	500	Yes	Hardy	0.01	Grease
11/14/2018	10:00 AM	170 Treehaven Dr	Ground Surface (defective pipe underground)	NA	NA	Yes	Hardy	0.01	Confirmed as Water Main Break 12/11
11/15/2018	9:15 AM	1253 Eastover Dr	Manhole	289.75	1,581	Yes	Eubanks	0.00	Grease / Solids
11/20/2018	4:07 PM	1621 Blair St	Ground Surface (defective pipe underground)	NR	2,200	Yes	Town	0.00	Collapsed Pipe
11/26/2018	6:30 AM	505 Stillwood Dr	Ground Surface (defective pipe underground)	9.87	320	No	NA	0.00	Grease
11/27/2018	10:00 AM	1253 Eastover Dr	Manhole	1.00	500	Yes	Eubanks	0.00	Grease / Solids
11/27/2018	11:09 AM	121 Melrose Dr	Manhole	1.98	168	Yes	White Oak	0.00	Grease
11/27/2018	4:00 PM	4540 Manhattan Rd	Manhole	0.17	150	Yes	Eubanks	0.00	Grease / Solids
11/29/2018	10:30 AM	1785 Minor Ln	Manhole	0.25	200	Yes	White Oak	0.00	Solids
12/1/2018	3:12 PM	3015 Woodview Dr	Manhole	96.30	Previous SSO	No	NA	0.00	Grease / Roots
12/2/2018	1:33 PM	117 E Pascagoula St	Manhole	1.35	60	Yes	Town	0.00	Solids
12/3/2018	8:41 AM	1253 Eastover Dr	Manhole	27.48	300	Yes	Eubanks	0.00	Collapsed Pipe
12/3/2018	7:41 PM	1757 Southaven Cir	Cleanout	0.23	40	No	NA	0.00	Undetermined
12/4/2018	8:45 AM	145 Lorenz Blvd	Cleanout	2.22	480	Yes	Town	0.00	Grease
12/5/2018	5:15 PM	5406 I 55 Frontage Rd	Manhole	17.58	480	Yes	Hanging Moss	0.00	Undetermined
12/5/2018	5:32 PM	1930 Boling St	Cleanout	0.13	20	No	NA	0.00	Solids
12/6/2018	1:10 PM	656 Chelsea Dr	Manhole	1.17	700	No	NA	0.00	Grease / Solids
12/6/2018	11:35 AM	1117 Cooper Rd	Manhole	0.92	600	No	NA	0.00	Grease / Solids / Collapsed Pipe
12/6/2018	10:19 PM	4615 I 55 Frontage Rd	Cleanout	0.30	50	No	NA	0.00	Grease / Solids
12/6/2018	12:50 PM	1596 W Capitol St	Manhole	3.17	75	Yes	Town	0.00	Solids
12/7/2018	9:25 AM	4570 Old Canton Rd	Cleanout	Unresolved	7,500	No	NA	0.31	Grease, Solids, Collapsed Pipe, Excessive Flow

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12/8/2018	11:30 AM	4121 Crane Blvd	Cleanout	Unresolved	960	Yes	Eubanks	2.24	Excessive Flow
12/9/2018	12:00 PM	428 Springfield Cir	Manhole	0.00	Previous SSO	No	NA	0.00	Excessive Flow
12/9/2018	6:35 PM	1309 W Northside Dr	Ground Surface (defective pipe underground)	0.55	50	Yes	Eubanks	0.00	Grease
12/10/2018	2:54 PM	5406 I 55 Frontage Rd	Cleanout	20.82	45	Yes	Hanging Moss	0.00	Undetermined
12/10/2018	10:30 AM	Springfield Cir / Colebrook Dr	Manhole	0.00	Previous SSO Follow up	No	NA	0.00	Excessive Flow
12/10/2018	7:05 PM	1429 E Northside Dr	Ground Surface (defective pipe underground)	1.17	40	Yes	Eastover	0.00	Grease
12/10/2018	12:40 PM	2492 N Mill St	Manhole	4.08	1,000	No	NA	0.00	Grease / Solids
12/10/2018	2:27 PM	4761 McWillie Dr	Manhole	21.58	600	Yes	Hanging Moss	0.00	Grease
12/11/2018	11:00 PM	4341 Meadow Hill Dr	Cleanout	0.25	3	No	NA	0.00	Collapsed Pipe
12/11/2018	3:40 PM	3190 Medgar Evers Blvd	Ground Surface (defective pipe underground)	1.33	50	Yes	Town	0.00	Grease
12/11/2018	10:25 AM	2007 N Lamar St	Cleanout	4.58	600	Yes	Town	0.00	Grease
12/12/2018	9:36 AM	4335 Manhasset Dr	Manhole	6.00	240	No	NA	0.00	Roots
12/12/2018	11:30 AM	2650 Belvedere Dr	Manhole	1.00	250	Yes	Hardy	0.00	Grease / Solids
12/12/2018	9:16 AM	821 Monterey St	Cleanout	2.80	380	No	NA	0.00	Collapsed Pipe
12/13/2018	7:49 PM	1091 Ellis Ave	Manhole	1.60	40	No	NA	0.29	Grease
12/14/2018	9:42 AM	4615 I 55 Frontage Rd	Cleanout	1.30	40	No	NA	0.01	Grease / Solids
12/14/2018	9:33 AM	1519 E Northside Dr	Manhole	Bypass Pump set up	NR	Yes	Eastover	0.01	Collapsed Pipe
12/15/2018	12:03 PM	1805 Meadowbrook Rd	Manhole	2.88	1,940	Yes	Eastover	0.08	Grease / Collapsed pipe
12/15/2018	2:15 PM	132 Glenstone Cir	Manhole	0.75	100	Yes	Cary	0.03	Solids
12/15/2018	9:15 PM	1087 I 20 Frontage Rd	Manhole	6.00	60	No	NA	0.03	Solids
12/17/2018	11:21 AM	340 S Denver St	Cleanout	2.33	60	Yes	Lynch	0.00	Collapsed Pipe
12/18/2018	11:50 AM	1253 Eastover Dr	Manhole	2.58	2,400	Yes	Eubanks	0.00	Collapsed Pipe
12/19/2018	12:30 PM	1253 Eastover Dr	Manhole	3.50	800	Yes	Eubanks	0.45	Collapsed Pipe
12/19/2018	12:30 PM	224 E Capitol St	Manhole	NA	NA	Yes	Town	0.44	No SSO, Abandoned Manhole, Stormwater
12/20/2018	10:30 AM	1253 Eastover Dr	Manhole	2.67	300	Yes	Eubanks	0.10	Collapsed Pipe
12/20/2018	10:00 AM	2650 Belvedere Dr	Manhole	0.42	200	Yes	Hardy	0.13	Solids

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12/20/2018	10:00 AM	2650 Belvedere Dr	Manhole	0.42	200	Yes	Hardy	0.13	Solids
12/21/2018	3:55 PM	2981 McDowell Rd Ex	Manhole	0.58	80	Yes	Cany	0.00	Grease / Solids
12/22/2018	8:08 PM	2213 McDowell Rd Ex	Cleanout	1.50	5	No	NA	0.00	Solids
12/24/2018	12:25 PM	4615 155 Frontage Rd	Cleanout	2.25	20	No	NA	0.00	Solids
12/24/2018	9:46 AM	1125 Palmyra St	Manhole	27.23	410	Yes	Town	0.00	Collapsed Pipe
12/25/2018	8:23 PM	1420 Woody Dr	Cleanout	0.40	5	No	NA	0.00	Solids
12/25/2018	10:30 AM	210 Highland Place Dr	Cleanout	2.77	15	No	NA	0.00	Collapsed Pipe
12/27/2018	10:20 AM	3602 Cavalier Dr	Manhole	24.42	Previous SSO Follow up	Yes	Eubanks	0.06	Excessive Flow
12/27/2018	10:20 AM	Wood Dale Dr / Cavalier Dr	Manhole	24.42	Previous SSO Follow up	Yes	Eubanks	0.06	Excessive Flow
12/27/2018	10:50 AM	3535 Edmar Pl	Manhole	24.15	Previous SSO Follow up	Yes	Eubanks	0.06	Excessive Flow
12/27/2018	10:50 AM	3502 Edmar Pl	Manhole	24.15	Previous SSO Follow up	Yes	Eubanks	0.06	Excessive Flow
12/27/2018	11:09 AM	Lawrence Rd / Manhattan Rd	Manhole	24.18	Previous SSO Follow up	Yes	Hanging Moss	0.06	Excessive Flow
12/28/2018	9:03 PM	5519 George Washington Dr	Manhole	26.38	3,680	Yes	Bogue Chitto	0.00	Grease
12/28/2018	10:30 AM	1150 Lakeland Dr	Manhole	3.58	700	Yes	Eubanks	0.06	Grease / Solids
12/28/2018	5:30 PM	1073 Arbor Visia Blvd	Ground Surface (defective pipe underground)	0.55	10	No	NA	0.06	Collapsed Pipe
12/28/2018	8:50 AM	2017 N Lamar St	Cleanout	2.17	50	Yes	Town	0.06	Grease
12/28/2018	11:25 AM	Kimwood Cr / Northside Dr	Manhole	0.08	Previous SSO	Yes	Eastover	0.06	Grease / Excessive Flow
12/29/2018	3:42 PM	4839 Cottonwood Ln	Manhole	21.72	2,700	Yes	Big Creek	0.74	Grease / Roots / Solids
1/1/2019	8:30 AM	4264 Richmond Cir	Manhole	0.17	8	No	NA	0.00	Collapsed Pipe
1/1/2019	6:25 PM	639 Belvedere Dr	Manhole	1.95	60	Yes	Eubanks	0.00	Solids
1/2/2019	3:57 PM	1823 Corley Ave	Manhole	22.27	3,180	Yes	Town	0.00	Grease / Collapsed Pipe
1/4/2019	10:30 AM	3625 Cavalier Dr	Manhole	Prev. SSO Followup	2,900	Yes	Eubanks	0.04	Excessive Flow
1/4/2019	7:18 PM	4053 Pinehill Dr	Cleanout	Ongoing Unresolved	4,480	Yes	Eubanks	0.04	Collapsed Pipe

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1/7/2019	3:30 PM	345 Saint Andrews Dr	Manhole	215.93	Not Reported	Yes	Purple	0.00	Excessive Flow
1/11/2019	8:15 PM	Leila Drive / Southerland Dr	Other	1.45	50	Yes	Eubanks	0.00	Collapsed Pipe
1/11/2019	10:00 AM	6125 Brown St	Manhole	0.33	300	Yes	Hanging Moss	0.00	Grease / Solids
1/11/2019	10:45 AM	785 Northside Dr	Manhole	0.10	300	Yes	Eubanks	0.00	Grease / Solids
1/12/2019	1:30 PM	1309 E Northside Dr	Cleanout	Ongoing Unresolved	18,000	No	NA	0.69	Grease / Solids / Collapsed Pipe
1/14/2019	2:00 PM	803 E Monument St	Manhole	0.50	150	No	NA	0.00	Solids
1/14/2019	11:02 AM	Cavaller Dr	Manhole	120.00	3,000	Yes	Eubanks	0.47	Excessive Flow
1/15/2019	2:30 PM	1701 Casteel Dr	Manhole	0.25	100	Yes	Lynch	0.00	Grease / Solids
1/15/2019	9:30 AM	1514 Belle Glade St	Cleanout	0.82	100	No	NA	0.00	Grease / Solids / Collapsed Pipe
1/17/2019	7:46 PM	1295 Palmyra St	Manhole	Ongoing Unresolved	193,200	Yes	Town	0.00	Collapsed Pipe
1/18/2019	2:00 PM	Belvedere Dr / Freemont St	Manhole	1.00	300	Yes	Hardy	0.00	Grease / Solids
1/18/2019	10:48 PM	2981 Mcdowell Road	Manhole	15.60	240	Yes	Cany	0.00	Grease
1/18/2019	1:20 PM	1117 Cooper Road	Manhole	0.42	600	No	NA	0.00	Grease / Solids / Collapsed Pipe
1/19/2019	4:45 PM	2960 Lakewood Dr	Manhole	0.25	300	Yes	Cany	0.96	Solids / Excessive Flow
1/19/2019	9:05 AM	Springfield Cir / Colebrook Dr	Manhole	Ongoing Unresolved	Not Reported	Yes	Lynch	0.00	Excessive Flow
1/22/2019	1:12 PM	1087 I 20 Frontage Rd	Ground Surface (defective pipe underground)	Ongoing Unresolved	10,000	No	NA	0.00	Roots / Solids / Collapsed Pipe
1/22/2019	9:05 AM	104 Woodrow Wilson Ave	Manhole	0.50	100	No	NA	0.00	Grease / Solids / Collapsed Pipe
1/23/2019	2:00 PM	Blair St / Fairbanks St	Manhole	Prev. SSO Followup	750	Yes	Town	0.49	Excessive Flow
1/23/2019	4:26 PM	905 Belhaven St	Manhole	8.40	480	Yes	Belhaven	0.49	Solids
1/23/2019	9:15 AM	3630 Northside Dr	Manhole	Prev. SSO Followup	Prev SSO	Yes	Bogue Chitto	0.00	Grease
1/24/2019	9:06 AM	5406 I 55 Frontage Rd	Manhole	2.53	3,980	Yes	Hanging Moss	0.00	Solids
1/28/2019	10:09 PM	334 Manship St	Manhole	Ongoing Unresolved	Not Reported	Yes	Town	0.13	Excessive Flow
1/28/2019	4:19 PM	Suncrest Dr / Longwood Dr	Manhole	Prev. SSO Followup	Prev SSO	Yes	Cany	0.14	Other
1/30/2019	4:55 PM	1309 Northside Dr	Cleanout	Ongoing Unresolved	800	Yes	Eastover	0.00	Collapsed Pipe

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1/30/2019	1:50 PM	402 Wesley Ave	Manhole	0.58	250	Yes	Town	0.00	Solids
1/31/2019	10:21 AM	3611 N State St	Manhole	Ongoing Unresolved	75	Yes	Eubanks	0.00	Collapsed Pipe
2/1/2019	2:40 PM	3826 Redbud Rd	Cleanout	0.08	25	Yes	Eastover	0.00	Collapsed Pipe
2/2/2019	10:37 AM	1701 Casteel Dr	Manhole	1.68	740	Yes	Lynch	0.00	Collapsed Pipe
2/2/2019	5:28 PM	108 Bendwood Ct	Manhole	0.95	200	Yes	Big Creek	0.00	Solids
2/2/2019	6:40 PM	Suncrest Dr / Longwood Dr	Manhole	0.17	150	Yes	Cany	0.00	Grease / Solids
2/5/2019	9:54 AM	2103 Powers Ave	Manhole	4.37	1,000	Yes	Town	0.00	Roots / Solids
2/6/2019	9:30 AM	2575 McDowell Cir	Cleanout	0.92	4,600	No	NA	0.01	Collapsed Pipe
2/6/2019	8:00 AM	1514 Belleglade	Cleanout	8.00	1,000	Yes	Eastover	0.00	Collapsed Pipe
2/7/2019	11:45 AM	1295 Palmyra St	Manhole	0.25		Yes	Town	0.00	Collapsed Pipe
2/7/2019	11:05 AM	1115 Palmyra St	Ground Surface (defective pipe underground)	Ongoing Unresolved	4,400	Yes	Town	0.00	Collapsed Pipe
2/8/2019	1:50 PM	5397 I 55 Frontage Road	Ground Surface (defective pipe underground)	1.02	1,800	Yes	Hanging Moss	0.00	Collapsed Pipe
2/10/2019	1:30 PM	2017 Lamar St	Cleanout	0.42	200	No	NA	0.00	Solids
2/10/2019	11:35 AM	233 E Bell St	Manhole	1.08	125	No	NA	0.00	Solids
2/11/2019	11:20 AM	235 Claiborne Ave	Cleanout	Ongoing Unresolved	5,400	Yes	Lynch	0.02	Collapsed Pipe
2/12/2019	9:05 AM	2359 Oakhurst Dr	Manhole	26.42	925	No	NA	0.00	Grease / Solids
2/14/2019	9:15 AM	2535 Prosperity St	Cleanout	2.00	100	No	NA	0.00	Grease / Solids
2/14/2019	2:30 PM	2103 Powers Ave	Manhole	Ongoing Unresolved	2,400	No	NA	0.00	Grease / Solids
2/16/2019	8:00 AM	4615 I 55 Frontage Rd	Cleanout	6.22	8,640	No	NA	0.00	Solids
2/17/2019	5:10 PM	Mill St / Woodrow Wilson Ave	Manhole	2.83	Previous SSO	No	NA	0.43	Grease / Solids
2/18/2019	9:45 AM	St Charles St / Columbia Ave	Manhole	0.33	130	No	NA	0.02	Solids
2/19/2019	9:45 AM	375 Lake Shore Road	Manhole	1.00	200	No	NA	0.51	Grease / Solids
2/19/2019	10:50 AM	418 Lake Shore Road	Manhole	0.25	200	No	NA	0.51	Grease / Solids
2/19/2019	1:45 PM	Colebrook Ave / Springfield Cir	Manhole	Ongoing Unresolved	2,500	Yes	Lynch	0.38	Excessive Flow
2/20/2019	5:54 PM	Arlington St / Peachtree St	Manhole	0.15	100	No	NA	0.97	Grease / Collapsed Pipe
2/20/2019	7:00 PM	215 Cullley Dr	Manhole	0.50	100	No	NA	0.99	Grease / Roots
2/21/2019	5:05 PM	2814 Booker Washington St	Manhole	Ongoing Unresolved	800	No	NA	0.00	Grease / Roots / Solids

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Date Began	Time Began	Location	Source	Estimated Duration, Hours	Estimated Volume, Gallons	Reached Waters of the State	Receiving Water	Rainfall, Inches	Reported Cause
2/21/2019	7:35 PM	2359 Oakhurst Dr	Manhole	Ongoing Unresolved	800	No	NA	0.12	Grease / Collapsed Pipe
2/21/2019	11:10 AM	St Charles St / Columbia Ave	Manhole	0.83	100	No	NA	0.04	Grease / Solids
2/25/2019	7:30 PM	2907 Kingswood Avenue	Cleanout	Ongoing Unresolved	400	No	NA	0.00	Grease / Solids
2/26/2019	6:00 PM	Chastain Dr / E Northside Dr	Manhole	Ongoing Unresolved	300	No	NA	0.00	Grease / Solids
2/26/2019	10:50 AM	2103 Powers Ave	Manhole	Ongoing Unresolved	400	No	NA	0.00	Grease / Solids
2/28/2019	12:30 PM	1645 Truman St	Ground Surface (defective pipe underground)	Ongoing Unresolved	100	Yes	Bakers	0.14	Collapsed Pipe
2/28/2019	10:50 AM	Chastain Dr / E Northside Dr	Manhole	Ongoing Unresolved	200	Yes	Eubanks	0.10	Grease / Solids
2/28/2019	10:30 AM	2103 Powers Ave	Manhole	Ongoing Unresolved	200	Yes	Town	0.00	Roots

Table 2
 City of Jackson, Mississippi
 Annual Report No. 6 - March 2017 through February 2019
 Pump Station SSOs

Date Began	Time Began	Location	Source	Estimated Duration, Hours	Estimated Volume, Gallons	Reached Waterway	Receiving Water	Rainfall, Inches	Reported Cause
3/7/2017	1:44 PM	1465 SHORT AVE	Pump Station	0.17	1,000	NO	Big Creek	0.83	Excessive Flow.
3/30/2017	9:09 AM	TIMBERLAWN ROAD	Pump Station	0.16	150	NO	Big Creek	1.04	Collapsed Pipe
3/30/2017	2:07 AM	1465 SHORT AVE	Pump Station	0.39	2,500	NO	Big Creek	1.04	Excessive Flow.
4/2/2017	11:00 PM	4210 CHURCH CIR	Pump Station	10.02	1,000	YES	Lynch	2.94	Excessive Flow.
4/3/2017	1:48 AM	1465 SHORT AVE	Pump Station	12.82	2,500	YES	Big Creek	2.19	Excessive Flow.
4/26/2017	11:06 PM	1465 SHORT AVE	Pump Station	2.02	50	YES	Big Creek	1.12	Excessive Flow.
4/30/2017	9:40 AM	1465 SHORT AVE	Pump Station	1.17	15	YES	Big Creek	0.68	Excessive Flow.
5/3/2017	9:50 PM	1465 SHORT AVE	Pump Station	4.67	100	YES	Big Creek	0.91	Excessive Flow.
5/20/2017	4:45 PM	3810 I 55 S	Pump Station	2.75	250	YES	Big Creek	0.46	Excessive Flow.
5/21/2017	4:39 PM	1465 SHORT AVE	Pump Station	4.97	200	YES	Big Creek	0.87	Excessive Flow.
5/22/2017	10:51 AM	2285 FOREST PARK DR	Pump Station	11.30	50	YES	Caney	1.04	Power Outage
5/24/2017	3:57 AM	1465 SHORT AVE	Pump Station	4.33	25	YES	Big Creek	0.32	Excessive Flow.
6/2/2017	12:07 AM	1465 SHORT AVE	Pump Station	2.03	50	YES	Big Creek	0.01	Excessive Flow.
6/4/2017	8:55 PM	1465 SHORT AVE	Pump Station	3.63	1,000	YES	Big Creek	0.54	Excessive Flow.
6/6/2017	9:00 AM	992 FLAG CHAPEL CIR	Pump Station	0.50	250	YES	Town	0.75	Excessive Flow.
6/6/2017	6:35 AM	1465 SHORT AVE	Pump Station	11.18	1,000	YES	Big Creek	0.75	Excessive Flow.
6/13/2017	4:56 PM	1465 SHORT AVE	Pump Station	2.80	500	YES	Big Creek	0.25	Excessive Flow.
6/16/2017	10:30 PM	1465 SHORT AVE	Pump Station	5.50	1,000	YES	Big Creek	1.11	Excessive Flow.
6/19/2017	6:18 PM	4210 CHURCH CIR	Pump Station	1.25	1,000	YES	Lynch	0.57	Excessive Flow.
6/21/2017	8:04 PM	1465 SHORT AVE	Pump Station	9.18	1,500	YES	Big Creek	1.26	Excessive Flow.
6/23/2017	12:30 PM	1465 SHORT AVE	Pump Station	4.50	1,500	YES	Big Creek	1.09	Excessive Flow.
7/1/2017	7:47 PM	1465 Short Ave (LS-68)	Pump Station	1.05	100	YES	Big Creek	1.00	Excessive Flow.
8/11/2017	3:24 PM	1914 Hwy 80 W (LS-87)	Pump Station	0.07	1,000	YES	Lynch Creek	0.06	Electrical failure
9/7/2017	8:41 AM	836 McClure Rd. (LS-82)	Pump Station	0.08	100	YES	Trahton Creek	0.00	Panel Failure
10/7/2017	2:30 PM	2102 Thousand Oak (LS-05)	Pump Station	0.25	500	YES	Big Creek	0.13	Float Panel Failure
10/13/2017	9:30 AM	1914 Hwy 80 W (LS-87)	Pump Station	0.33	1,000	YES	Big Creek	0.00	Pump Station Failure
11/26/2017	7:20 PM	316 Covington Dr.	Pump Station	0.83	2,000	YES	Big Creek	0.00	Control Panel Failure
12/11/2017	8:01 AM	575 Hillandale Dr. (LS-28)	Pump Station	0.40	1,000	YES	Big Creek	0.00	Pumps turned off and alarm disconnected
NO PUMP STATION SSOs REPORTED - January 2018									
NO PUMP STATION SSOs REPORTED - February 2018									

Table 2

City of Jackson, Mississippi
 Annual Report No. 6 - March 2017 through February 2019
 Pump Station SSOs

Date Began	Time Began	Location	Source	Estimated Duration, Hours	Estimated Volume, Gallons	Reached Waterway	Receiving Water	Rainfall, Inches	Reported Cause
3/14/2018	1:30 PM	4180 Whitehall Rd. (LS-92)	Pump Station	0.33	1,500	NO	NA	0.00	High Water Alarm Failure
NO PUMP STATION SSOs REPORTED - April 2018									
5/21/2018	7:30 AM	4095 Swell Rd (LS-69)	Pump Station	0.75	500	YES	Big Creek	2.47	Lightning
5/31/2018	1:30 PM	1914 Hwy 80 West (LS-87)	Pump Station	NR	1,000	YES	Lynch	0.00	Power failure
NO PUMP STATION SSOs REPORTED - June 2018									
NO PUMP STATION SSOs REPORTED - July 2018									
8/21/2018	Unknown	1914 Hwy 80 West (LS-87)	Pump Station	Unknown	100	Yes	Lynch	0.01	Main Breaker Tripped
NO PUMP STATION SSOs REPORTED - September 2018									
NO PUMP STATION SSOs REPORTED - October 2018									
NO PUMP STATION SSOs REPORTED - November 2018									
12/16/2018	6:00 PM	Western Hills Dr (LS-83)	Pump Station	0.60	100	Yes	Trahon	0.00	Rehab Contractor placed station into service w/o check valves & proper alarm set up.
NO PUMP STATION SSOs REPORTED - January 2019									
NO PUMP STATION SSOs REPORTED - February 2019									

Table 3
 City of Jackson, Mississippi
 Annual Report No. 6 - March 2017 through February 2019
 West Bank Interceptor SSOs

Date Began	Time Began	Location	Source	Estimated Duration, Hours	Estimated Volume, Gallons	Reached Waterway	Receiving Water	Rainfall, Inches	Reported Cause
NO WEST BANK INTERCEPTOR SSOs REPORTED - March 2017									
4/3/2017	1:08 PM	410 JEFFERSON ST	Manhole	2.98	10,000	YES	Town	2.19	Excessive Flow
NO WEST BANK INTERCEPTOR SSOs REPORTED - May 2017									
NO WEST BANK INTERCEPTOR SSOs REPORTED - June 2017									
NO WEST BANK INTERCEPTOR SSOs REPORTED - July 2017									
NO WEST BANK INTERCEPTOR SSOs REPORTED - August 2017									
NO WEST BANK INTERCEPTOR SSOs REPORTED - September 2017									
NO WEST BANK INTERCEPTOR SSOs REPORTED - October 2017									
NO WEST BANK INTERCEPTOR SSOs REPORTED - November 2017									
NO WEST BANK INTERCEPTOR SSOs REPORTED - December 2017									
NO WEST BANK INTERCEPTOR SSOs REPORTED - January 2018									
2/4/2018	2:30 AM	308 S. Jefferson St.	Manhole	13.75	3,000,000	YES	Pearl	1.17"	Excessive Flow, Equipment failure(WWTP)
NO WEST BANK INTERCEPTOR SSOs REPORTED - March 2018									
4/6/2018	11:08 AM	308 S. Jefferson St	Manhole	1.87	50,000	Yes	Pearl	0.02	Other
4/22/2018	10:43 AM	309 S. Jefferson St	Manhole	6.12	1,000,000	Yes	Pearl	3.13	Excessive Flow
NO WEST BANK INTERCEPTOR SSOs REPORTED - May 2018									
NO WEST BANK INTERCEPTOR SSOs REPORTED - June 2018									
NO WEST BANK INTERCEPTOR SSOs REPORTED - July 2018									
NO WEST BANK INTERCEPTOR SSOs REPORTED - August 2018									
NO WEST BANK INTERCEPTOR SSOs REPORTED - September 2018									
NO WEST BANK INTERCEPTOR SSOs REPORTED - October 2018									
11/9/2018	10:45 AM	408 S. Jefferson St.	Manhole	3.08	300,000	YES	Pearl	0.00	Excessive rain and failure of the #4 Influent pump . A total of 2.85" of rain fell from November 4 – November 10.
11/12/2018	5:45 AM	408 S. Jefferson St.	Manhole	7.75	500,000	YES	Pearl	0.00	Excessive rain and failure of the #4 Influent pump . A total of 2.85" of rain fell from November 4 – November 10.
12/27/2018	2:00 PM	408 S. Jefferson St	Manhole	5.53	500,000	Yes	Pearl	3.03	Excessive rain and failure of the #4 Influent pump .
12/31/2018	3:42 PM	408 S. Jefferson St	Manhole	0.60	200	Yes	Pearl	0.59	Influent Pump #4 out of service and temporary rental pump #9 out of service.

Table 3
City of Jackson, Mississippi
Annual Report No. 6 - March 2017 through February 2019
West Bank Interceptor SSOs

Date Began	Time Began	Location	Source	Estimated Duration, Hours	Estimated Volume, Gallons	Reached Waterway	Receiving Water	Rainfall, Inches	Reported Cause
1/2/2019	3:00 PM	408 S Jefferson St	Manhole	208.00	20,800,000	Yes	Pearl	2.20	Influent Pump #4 out of service and temporary rental pump #9 out of service.
1/12/2019	1:00 PM	408 S Jefferson St	Manhole	19.50	1,900,000	Yes	Pearl	0.56	Inability to operate #4 influent pump; 5.94" of rain received throughout the bypass during January; and a high Pearl River stage
2/20/2019	10:14 AM	408 S Jefferson St	Manhole	3.18	300,000	Yes	Pearl	0.44	Inability to operate #4 influent pump.

Table 4
 City of Jackson, Mississippi
 Annual Report No. 6 - March 2017 through February 2019
 Prohibited Bypasses SSOs

Date Began	Time Began	Location	Source	Estimated Duration, Days	Estimated Volume, Million Gallons	Reached Waterway	Receiving Water	Rainfall, Inches	Reported Cause
02/28/17	NA	3810 55 S	WWTP	3	61.80	YES	Pearl	1.14	Heavy rainfall generated influent flow in excess of mechanical plant's capacity.
03/30/17	2:20 PM	3810 55 S	WWTP	14	974.20	Yes	Pearl	5.27	Heavy rainfall, high river stage & open pit on WBI generated influent flow in excess of mechanical plant's capacity.
04/27/17	3:00 AM	3810 55 S	WWTP	4	85.66	Yes	Pearl	0.68	Excessive flow contributed to full lagoon levels thus creating the bypass
05/24/17	8:25 AM	3810 55 S	WWTP	2	94.19	Yes	Pearl	1.95	Excessive flow over the last 4 days contributed to full lagoon levels thus creating the bypass
06/06/17	9:40 AM	3810 55 S	WWTP	2	125.49	Yes	Pearl	2.14	Excessive flow contributed to full lagoon levels thus creating the bypass
06/21/17	10:40 AM	3810 55 S	WWTP	4	162.38	Yes	Pearl	3.81	Excessive flow contributed to full lagoon levels thus creating the bypass
06/27/17	10:50 PM	3810 55 S	WWTP	6	163.73	Yes	Pearl	2.90	There was a rainfall accumulation of 2.9" five days prior to the bypass. The excessive flow due to I/I caused us to divert, thus filling the storm lagoons.
08/09/17	6:30 AM	3810 55 S	WWTP	3	191.83	Yes	Pearl	2.80	There was a rainfall accumulation of 2.8" five days prior to the bypass in addition to another 2.5" during the duration of the bypass. The excessive flow due to I/I caused the diversion to the storm lagoons and subsequent bypass to the river.
NO PROHIBITED BYPASSES REPORTED - September 2017									
NO PROHIBITED BYPASSES REPORTED - October 2017									
11/09/17	3:30AM	3810 55 S	WWTP	7	255.39	Yes	Pearl	0.43	RAS header pipe replacement project and rainfall event totaling 0.43" over the course of two days
12/17/17	2:45 PM	3810 55 S	WWTP	5	89.10	Yes	Pearl		Limited Capacity due to two Clarifiers out of service and rainfall event totaling 1.46" during the bypass event
01/08/18	12:44 PM	3811 55 S	WWTP	7	176.38	NO	Pearl	0.92	Limited Capacity due to two Clarifiers out of service and rainfall event totaling 0.92" during the bypass event
01/17/18	1:00 PM	3810 55 S	WWTP	11	171.21	YES	Pearl	1.41	Limited Capacity due to two Clarifiers out of service and rainfall event totaling 1.41" during the bypass event
02/01/18	6:45 PM	3810 55 S	WWTP	14	580.15	YES	Pearl	5.07	Limited Capacity due to two Clarifiers out of service and rainfall event totaling 5.07" during the bypass event
02/16/18	4:40 PM	3810 55 S	WWTP	15	625.90	YES	Pearl	4.05	Limited Capacity due to two Clarifiers out of service and rainfall event totaling 4.05" during the bypass event
03/06/18	12:00 AM	3810 55 S	WWTP	2	139.29	YES	Pearl	1.95	Limited Capacity due to one Clarifier out of service and rainfall event totaling 1.95" during the bypass event

Table 4
 City of Jackson, Mississippi
 Annual Report No. 6 - March 2017 through February 2019
 Prohibited Bypasses SSOs

Date Began	Time Began	Location	Source	Estimated Duration, Days	Estimated Volume, Million Gallons	Reached Waterway	Receiving Water	Rainfall, Inches	Reported Cause
03/11/18	11:15 AM	3810 55 S	WWTP	3	182.88	YES	Pearl	2.33	Limited Capacity due to one Clarifier out of service and rainfall event totaling 2.33" during the bypass event
03/18/18	2:00 PM	3810 55 S	WWTP	1	83.07	YES	Pearl	1.04	Limited Capacity due to one Clarifier out of service and rainfall event totaling 1.04" during the bypass event
03/29/18	3:45 AM	3810 55 S	WWTP	1	111.01	YES	Pearl	1.12	Limited Capacity due to one Clarifier out of service and rainfall event totaling 1.12" during the bypass event
04/07/18	1:45 AM	3810 55 S	WWTP	4	191.64	YES	Pearl	2.71	Limited Capacity due to one Clarifier out of service and rainfall event totaling 2.71" during the bypass event
04/14/18	7:00 PM	3810 55 S	WWTP	4	142.40	YES	Pearl	1.71	Limited Capacity due to one Clarifier out of service and rainfall event totaling 1.71" during the bypass event
04/23/18	1:45 AM	3810 55 S	WWTP	5	156.94	YES	Pearl	3.60	Limited Capacity due to one Clarifier out of service and rainfall event totaling 3.6" during the bypass event
05/06/18	5:30 AM	3810 55 S	WWTP	3	71.05	YES	Pearl	1.46	Limited Capacity due to one Clarifier out of service and rainfall event totaling 1.46" during the bypass event
05/24/18	9:55 AM	3810 55 S	WWTP	8	195.90	YES	Pearl	2.94	Limited Capacity due to one Clarifier out of service and rainfall event totaling 2.94" during the bypass event
NO PROHIBITED BYPASSES REPORTED - June 2018									
NO PROHIBITED BYPASSES REPORTED - July 2018									
NO PROHIBITED BYPASSES REPORTED - August 2018									
NO PROHIBITED BYPASSES REPORTED - September 2018									
NO PROHIBITED BYPASSES REPORTED - October 2018									
11/08/18	5:11 PM	3810 55 S	WWTP	13	207.71	YES	Pearl	2.85	Excessive rain and failure of the #4 Influent pump created the need to bypass. A total of 2.85" of rain fell from November 4 – November 10.
12/09/18	10:26 AM	3810 55 S	WWTP	Ongoing as of 02/28/2019	2,064.13	YES	Pearl	2.32	Excessive flow. Rainfall total for the month of December was 8.03" with a total of 7.92" from December 7 – December 31.

* Volume shown for the 12/09/2018 event is through the end of the reporting period - February 28, 2019