



September 28, 2018

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
Washington, D.C. 20044-7611

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
Semi Annual Report No. 11

Dear Sirs:

On behalf of the City of Jackson, please find enclosed Semi Annual Report No. 11 for your review.

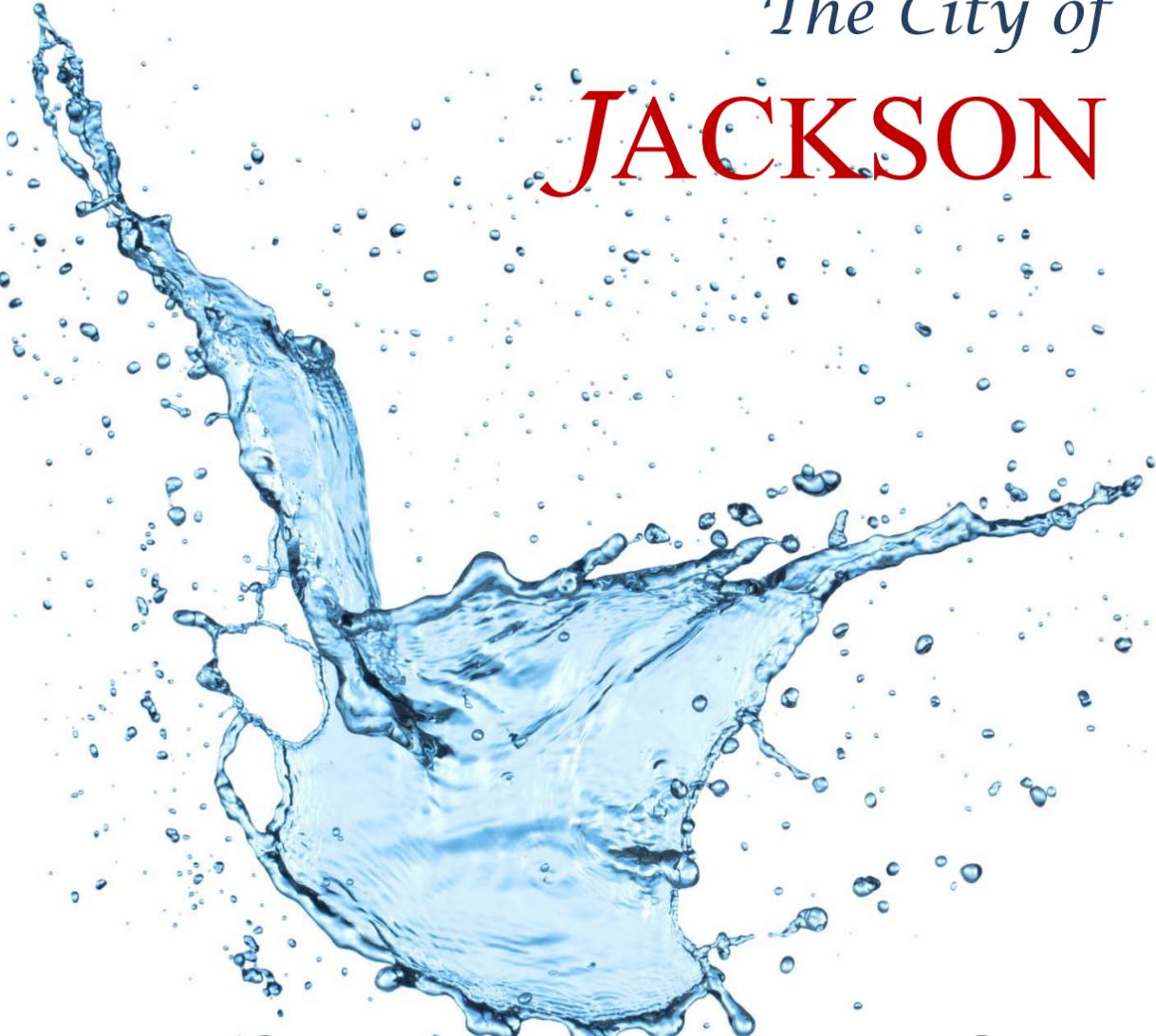
Sincerely,

A handwritten signature in blue ink, appearing to read "David Hauser".

David Hauser, P.E.
Project Manager

Enclosure

cc: Honorable Chokwe Antar Lumumba, Mayor, City of Jackson
Sharon D Gipson, City Attorney, City of Jackson
Robert Miller, Director, Public Works Department, City of Jackson
Terry Williamson, Legal Counsel, City of Jackson
Public Depository, Eudora Welty Public Library



The City of
JACKSON

SEMI-ANNUAL REPORT
REPORT NO. 11

MARCH 2018 THROUGH AUGUST 2018

Department of Public Works
Consent Decree Program

City of Jackson
Wastewater Consent Decree Program

Semi-Annual Report No. 11
March 2018 through August 2018

September 30, 2018

Prepared for:

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

Prepared by:

Burns & McDonnell
308 Pearl Street, Suite 104
Jackson, MS 39201

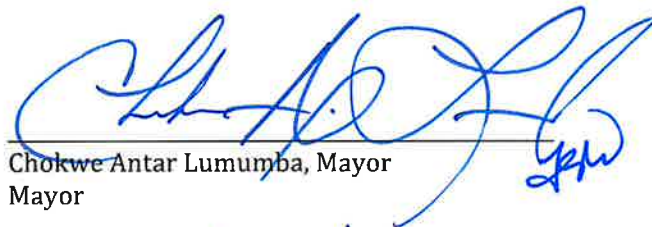
City of Jackson, Mississippi

Semi-Annual Report No. 11

March 2018 through August 2018

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
Mayor

9/27/18
Date


Robert K. Miller, Director
Department of Public Works

September 21, 2018
Date

Semi-Annual Report No. 11

March 2018 through August 2018

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1.0 Introduction

1.1 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 17½ 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

Burns & McDonnell Engineering Company, Inc. was retained to assist the City in addressing the requirements of the Consent Decree under a Program Management contract. Accordingly, the Program Management team prepared this Semi-Annual Report with input from the City and its various contractors to fulfill the requirements of Section IX ¶ 57 (b) set forth in the CD.

1.3 Consent Decree Requirements for Semi-Annual Report

As stated in the Consent Decree Section IX ¶ 57 (b), the Semi-Annual Report be submitted beginning thirty (30) Days after the first full six (6)-month period following the Date of Entry of this Consent Decree, and thirty (30) Days after each subsequent six (6)-month period until termination of the Consent Decree and shall contain the following, at a minimum:

Semi-Annual Reports ...the City shall submit to EPA for review and approval a Semi-Annual Report. Each Semi-Annual Report shall include, at a minimum:

- (i) *A description of projects and activities completed and milestones achieved during the previous applicable six (6)-month period pursuant to the requirements of this Consent Decree, in Gantt chart or similar format, including a description of the status of compliance or non-compliance with the requirements of this Consent*

Decree and, if applicable, the reasons for non-compliance. If any non-compliance cannot be fully explained at the time the report is due, the City shall include a statement to that effect in the report. The City shall investigate to determine the cause of the non-compliance and then shall submit an amendment to the report, including a full explanation of the cause of the non-compliance, within thirty (30) Days after submission of the Semi-Annual Report.

- (ii) *A summary of significant projects and activities anticipated to be performed, and milestones anticipated to be achieved*, in the successive applicable six (6)-month period to comply with the requirements of this Consent Decree, in Gantt chart or similar format.
- (iii) Any additional information the City determines is appropriate to demonstrate that the City is implementing the remedial actions required under this Consent Decree in an adequate and timely manner.

1.4 Compliance Statement

For the reporting period of March 1, 2018 through August 31, 2018, 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 submission 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 Preventive Maintenance Program.

2.0 Summary of Activities for the Reporting Period

The City and the Program Management Team continue to assess the current situation and ongoing activities, developing action plans for future required activities. These activities will be more fully discussed in Section 2.5 and in subsequent Semi-Annual Reports.

2.1 Wastewater Collection and Transmission System

2.1.1 West Bank Interceptor Work Plan

The West Bank Interceptor Work Plan was completed and submitted to EPA on July 30, 2013 in compliance with the requirements of the Consent Decree. The City received approval from the EPA on June 17, 2014. The West Bank Rehabilitation Plan was submitted to EPA on April 17, 2016 and revised May 3, 2017 in compliance with the Consent Decree.

The Consent Decree requires rehabilitation of 20% of the West Bank Interceptor by 2022 (Phase 1). To date, 37% of the West Bank Interceptor has been fully rehabilitated with plans in place to rehabilitate a total of 50% by 2022, as funding is available.

The following work has been completed or is planned, which is on schedule with the EPA approved Work Plan:

- Three (3) segments have been completed (cleaning and rehabilitated) totaling 29,195 LF of interceptor.
- Four (4) segments are in planning (Projects 4,5,6,7) totaling 28,541 LF of interceptor will be planned for completion by 2022.
- Five (5) segments (Projects 8, 9 and 10) totaling 9,934 LF of interceptor, have been identified for additional future work.

Table 1 below provides the status of implementation of the West Bank Interceptor Rehabilitation Plan. Phase 1 of this plan was completed well in advance of the Consent Decree deadline. This Table has been updated since the publication of Semi-Annual Report #10.

Table 1 Status of implementation of the West Bank Interceptor Phase I Rehabilitation Plan

Project	Segment	Work Required	Length, ft.	Planned Schedule	Status
1	IT0052-IT0082	Cleaning & Rehab	14,913	2015	Completed in 2015
2	IT0082-IT0098	Cleaning & Rehab	6,854	2016	Completed in 2016
3	IT0098-IT0118	Cleaning & Rehab	7,428	2022	Completed August 2017
4	IT0148-IT0171	Cleaning	9,537	2022	Planning in development.
5	IT0136-IT0148	Cleaning	6,619	2022	Planning in development.
6	IT0118-IT0136	Cleaning & Rehab	7,656	2022	Planning in development.
7	IT0035-IT0043	Cleaning & Rehab	4,729	2022	Planning in development.
8	TP0002-IT0002 IT0009-IT0012 IT0028-IT0029	Cleaning Cleaning Cleaning	1,568 1,087 724	2022	Planning in development.
9	IT0021-IT0033	Cleaning & Rehab	5,651	TBD	Planning in development
10	TP002-IT0001	Cleaning & Rehab	904	TBD	Planning in development

Work activities anticipated during the next reporting period:

- No projects anticipated.

2.1.1.1 West Bank Interceptor Flow Monitoring

As indicated in the West Bank Interceptor Work Plan, the first activity required is to conduct sewage flow monitoring to determine the severity of I/I in various segments along the length of West Bank Interceptor. The flow metering is needed to meet the requirements of the West Bank Interceptor Rehabilitation Plan.

Work Activities for this period for the flow monitoring project are:

- Continued long-term flow monitoring and data analysis at 29 sites.
- Reviewed I/I Analysis Draft Report for West Bank Interceptor Flow Meters.
- Appendix A provides a summary of the West Bank Interceptor Flow Meter data from September 2017 through February 2018.

Work activities anticipated during the next reporting period:

- Continue Long Term Flow monitoring for I/I analysis.
- Continue bi-monthly review meetings.
- Continue to review meter data for flow anomalies
- Finalize I/I Analysis Draft Report for West Bank Interceptor Flow Meters.

Data generated from the flow monitoring is reviewed on a regular basis by City and Program staff to detect any unusual occurrences. The flow metering contractor (CSL Services) also alerts the City staff if any unusual occurrences are noted between reporting periods.

2.1.1.2 West Bank Interceptor Condition Assessment

All condition assessment work for the entire West Bank Interceptor was completed by August 15, 2015, as reported in the approved West Bank Interceptor Rehabilitation Plan Revision 1, dated May 3, 2017.

2.1.2 Sewershed Prioritization Work Plan

The Consent Decree requires that within seven (7) months after the Date of Entry, the City shall submit to EPA for review and approval a Prioritization Work Plan.

Work Activities for this period for the prioritization plan are:

- The Sewershed Prioritization Report was submitted on February 17, 2017.
- The Sewershed Prioritization Report was approved on February 7, 2018.
- Completed dry weather and wet weather flow analysis on 20 additional flow meters utilizing the EPA SSOAP Toolbox in support of hydraulic model development.
- Began update of the Flow Analysis Technical Memorandum to reflect additional analysis of the 20 meters analyzed.
- Updated hydraulic model construction with available manhole surveys, pump station capacity assessment data and the 20 additional flow meters to support hydraulic model calibration.

- Began dry weather model calibration for the 20 additional metering locations.

Work activities anticipated during the next reporting period:

- Continue dry and wet weather calibration for group 1 and group 2 sewersheds. A total of 57-meter locations will be calibrated upon completion.
- Complete wet weather verification at the 57-meter locations once calibration is complete.
- Prepare synthetic design 2-yr, 24-hour storm for use in existing condition simulations.
- Simulate system-wide existing conditions evaluation utilizing calibrated and verified hydraulic model.

2.1.3 Sewershed Evaluation Plan

The Consent Decree requires that within twelve (12) months after the Date of Entry, the City shall submit to EPA for review and approval a Sewershed Evaluation Plan that the City will implement for the Sewersheds in Sewer Groups 1 and 2 pursuant to the schedule set forth in the approved Prioritization Report. The Sewershed Evaluation Plan shall provide for the City to evaluate the WCTS within the Sewersheds to support the development of the Evaluation Report/Rehabilitation Plan for the Sewershed, as provided in Paragraph 27 and the identification of rehabilitative and corrective actions to meet the objectives of this Consent Decree.

Work Activities for this period for the Sewershed Evaluation Plan are:

- Three firms were awarded contracts to perform SSES work in Sewer Group 1, however due to lack of funding these contracts were not awarded.
- Awarded installation of 10 temporary flow meters within 4 of the 12 Group 1 sewersheds, in support of hydraulic modeling and I/I determination.

Work activities anticipated during the next reporting period:

- SSES work will not be performed at this time, since the priorities are eliminating SSOs and repairing collapsed sewer lines, as part of the Gravity Line Preventative Maintenance Program.

2.2 Wastewater Treatment Facilities

2.2.1 Savanna WWTP Composite Correction Program (CCP)

The purpose of the CCP is to identify rehabilitation and/or upgrades to the Savanna Street WWTP to address the problems identified in the CPE. Upon approval by EPA, the City shall implement the remedial measures in the approved CCP in accordance with the expeditious schedules contained therein.

The CCP shall include, at a minimum, the identification of specific Type 1, Type 2 and Type 3 remedial measures. Type 1 and Type 2 remedial measures shall include, minor process changes, minor equipment additions or enhancements, or flow configuration changes to meet NPDES Permit effluent limits and to maximize Secondary Treatment of peak wet weather flow through the Savanna Street WWTP. Type 3 remedial measures shall include any capital improvements, including, without limitation, the addition of a clarifier of equal size to the existing clarifiers at the Savanna Street WWTP and Biological Nutrient Removal ("BNR").

Work Activities for this period for this activity:

- Completed conceptual design for Type 1 and Type 2 plant repairs.
- Completed SRF Loan Application package for Type 1 and Type 2 improvements.
- City selected Neel-Schaffer, Inc. as the design consultant to prepare design documents and specifications for Type 1 and Type 2 repairs.

Work activities anticipated during the next reporting period:

- Receive SRF Loan Award from MDEQ.
- Develop detailed design plans and specifications documents for Type 1 and Type 2 repairs.

2.2.2 Savanna WWTP Storm Cell Sludge Disposal

The Consent Decree requires the City to implement a Sludge and Solids Removal Plan that provides for the removal and proper disposal of excess, accumulated sludge/solids from the Savanna Street WWTP storm diversion cells. Section 2.D of the Agreed Order as amended September 29, 2011 states

"...In any event, Respondent, in accordance with the implementation schedule, shall remove all sludge not later than April 30, 2014 and shall dispose of all removed sludge no later than December 31, 2017".

Pursuant therein, as of December 29, 2017, the solids disposal operations at the Savanna Street WWTP were completed in accordance with the requisites of the MDEQ Agreed Order No. 5823 10, thereby satisfying the December 31, 2017 deadline as set forth in Section 2.D. of the Agreed Order Amendment dated September 29, 2011. Additional information pertaining to solids disposal activities for this reporting period is included in the subsequent paragraphs.

Work Activities for this period for this activity:

- Solids Disposal Contract complete and closed out June 19, 2018. Final contract cost was \$ 8,248,950.54.
- Storm Cell Survey was completed March 2018. Results indicated that approximately 7 million cu. ft. of sludge has accumulated in the lagoons since April 2014. This represents approximately 35% of storage volume below freeboard.

Work activities anticipated during the next reporting period:

- Continue to monitor sludge accumulation volume in the Storm Cells as part of the Wastewater Plant Operation & Maintenance Program.

2.3 Capacity, Management, Operations and Maintenance Programs

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

The following sections briefly address CMOM activities for the reporting period.

2.3.1 Capacity Assurance Program (CAP)

Work Activities for this period for this activity:

- The interim Capacity Assurance Plan was approved on February 7, 2018.
- Hydraulic model development is being completed for the sewer collection system.

Work activities anticipated during the next reporting period:

- Finalize flow analysis, calibration and verification for the remaining flow meters.
- Complete system-wide existing conditions, while identifying bottlenecks and existing capacity.
- Upon model completion, an updated CAP will be re-submitted to EPA.

2.3.2 Training Program

Significant milestones reached this period for this activity:

- The Training Program has been developed in full.
- The Litmos training learning management system has been fully implemented. There are currently 27 courses available.
- A total of 50 hours of training were provided to the Public Works Sewer Maintenance Staff and management for this period.

Work activities anticipated during the next reporting period:

- Continue to develop training objectives for each employee classification.
- Review Training program objectives and propose changes as needed.

2.3.3 Sewer Overflow Response Plan

Work Activities for this period for this activity:

- Continued remotely monitoring high water alarms on lift stations.
- Continued Regulatory Agency notifications.
- Submitted Quarterly Reports #20, and #21.
- Conducted training session with emphasis on NPDES Permit Compliance
- Began monthly updates of post rainfall inspection lists and mapping
- Conducted 579 post rainfall location inspections. 56 locations were found to have an SSO occurring or evidence of previous SSO. These locations were reported to Sewer Maintenance for follow up response.
- Began routine inspections of locations that have unresolved issues that contributed to SSO
- Began mapping of Food Service Establishments, collection system failures & dry weather SSO locations for analysis

Work activities anticipated during the next reporting period:

- Prepare and submit Quarterly Reports #22 and #23.
- Continue to remotely monitor all pump station high water levels and respond accordingly – by Veolia.

- Update and maintain SSO database, utilizing Program Manager staff as necessary.
- Continue to map locations with multiple SSO occurrences for inspection.
- Review and inspect locations with multiple SSO occurrences and determine needs.
- Conduct annual Program review in conjunction with the Program Management Team.
- Continue to develop Standard Operating Procedures for activities conducted under the SORP.

2.3.4 Inter-Jurisdictional Agreement Program

Work Activities for this period for this activity:

- EPA approved Program on August 26, 2016.
- Met with West Rankin Utility Authority (WRUA) to discuss options for WRUA to remain in the City's wastewater system and the current inter-Jurisdictional agreement.
- WRUA has formally notified the City of Jackson of their intent to terminate agreement for sewer treatment in 4 years.

Work activities anticipated during the next reporting period:

- Address impact of losing WRUA as a customer.

2.3.5 Private Lateral Program

Work Activities for this period for this activity:

- No activities were performed within this reporting period on the Private Lateral Program due to staffing issues and lack of funds.

Work activities anticipated during the next reporting period:

- No activity is planned to implement the City's Private Lateral Program due to revenue limitations.

2.3.6 Water Quality Monitoring Program

Work Activities for this period for this activity:

- No activities were performed within this reporting period due lack of available funds and staffing resource limitations.

Work activities anticipated during the next reporting period:

- No activity is planned to implement the City's Water Quality Monitoring Program due to revenue limitations.

2.3.7 Pump Station Operations Program

Work Activities for this period for this activity:

- The contract operator (Veolia) is required to be compliant with the approved Pump Station Operations Program as part of their contract with the City.
- The Program Management Team and the City regularly monitor the Veolia performance and have determined Veolia is compliant with the Pump Station Operations plan.

Work activities anticipated during the next reporting period:

- Emergency generator connections and transfer switches will begin at select (mostly larger) pump stations under Veolia's Major Maintenance and Repair/Capital Modification Allowance contract, provided funding is available.
- Existing bypass pumping connections have been carefully inventoried. There are 40 pump stations that already have bypass pumping capability and 58 stations do not. Of the ones that do not have bypass pumping capability, the Program Management Team has prioritized them based on size, location and criticality. 20 stations have been identified as the first priority. Bypass pumping connections for those first priority stations will begin under Veolia's Major Maintenance and Repair/Capital Modification Allowance contract, provided funding is available. Smaller pump stations that can be serviced with a vactor truck during outages will generally not be equipped with connections.
- Continue reviewing program metrics, monitor Veolia's implementation of program, and evaluate Veolia's operations reports and rehabilitation plans.

2.3.8 Fat, Oils and Grease Program

Work Activities for this period for this activity:

- Two full time FOG inspectors and a Coordinator have been tasked with arranging first time courtesy visits to each Food Service Establishment (FSE) in the City of Jackson.
- Courtesy visits involve going over FOG disposal training materials with FSE management and staff; performing a FOG inspection of the facilities and ensuring appropriate follow up is scheduled, if needed.
- Key Food Service Establishment (FSE) data collected:
 - Quantity of FSEs data in database- 1051
 - Courtesy inspections completed - 449

Work activities anticipated during the next reporting period:

- Rollout of FOG Residents Awareness Program to public during next reporting period.
- Continue to work with City of Jackson's Planning Department to coordinate FOG Inspection Services for new FSE applicants.
- Continue to train Food Service Establishment supervisors and cooking staff in proper FOG disposal, required FOG equipment maintenance and on-site documentation requirements such as hauling manifests.
- Continue to update City's food service establishment database on CityWorks.
- Continue compliance inspections and enforcement consistent with the City ordinances.

2.3.9 Pump Station Preventative Maintenance Program

Work Activities for this period for this activity:

- Veolia (Contract Operator) was issued a Notice to Proceed for engineering firm to begin design for the following 2 pump stations and the Notice to Proceed for construction has been given for two (2) other pump stations.
 - Western Hills and Whitestone- Hemphill Construction was selected as the successful contractor. Additional easements were necessary prior to work beginning and have been received and NTP have been given. Construction is underway.

- Forest Avenue and Windsor Forest- EJES was selected as the design consultant and design has begun.
 - The Windsor Forest station will be eliminated with the installation of gravity sewers.

Work activities anticipated during the next reporting period:

- Design of Forest Avenue Pump Station and Windsor Forest gravity line is expected to be completed by mid-late October.
- Construction of Western Hills and Whitestone pump station rehabs are expected to be completed by mid-end of January 2019.
- Continue reviewing program metrics, monitor Veolia's implementation of program, and evaluate Veolia's maintenance reports and rehabilitation plans.

2.3.10 Gravity Line Preventative Maintenance Program

Work Activities for this period for this activity:

- Began mapping collection system failures reported as collapsed pipe on SSO reports
- Prepared prioritized list of 15 failure locations for repair
- A \$ 7M loan was secured from the 1% Sales Tax Commission to complete these repairs.
- SRF Emergency loans were secured to repair two (2) additional locations (\$350,000 each).
- Unit price bids have been approved and contracts issued and completed for certain emergency sewer failure projects.
- Completed the following Collection System Emergency Repair/Replacement projects:

• Briarfield Rd.	\$356,447
• Seneca/Pennsylvania	\$342,676
• Cherry Hills Dr.	\$109,000
• Woodrow Wilson/Prosperity	\$197,000

Work activities anticipated during the next reporting period include:

- Continue to hire sewer maintenance staff to fill open positions based on available budget.

- Continue mapping collection system failures reported as collapsed pipe on SSO reports
- Begin design and/or construction on the following locations:
 - West Street
 - Linde Road
 - Meadowbrook Road
 - Pleasant Avenue
 - Leila Drive
 - Southerland Drive
 - Coronet Place
 - Ridgewood Road
 - Delaware Ave
 - Marshall Place

2.3.11 WWTP Operations and Maintenance Program

Work Activities for this period for this activity:

- Veolia provided a demonstration on the use of the ERPortal CMMS system to the City staff and Program Management Team to ensure an understanding of how the system is used to track corrective and preventive maintenance activities.
- Monthly meetings were held with City, Veolia and Program Management staff to review operations and maintenance activities and discuss any issues.
- Weekly sludge disposal and solids handling reports are being provided to the City and Program Management Team for review.
- Significant issues arose regarding two of the five clarifiers. After several months of being out of service, Clarifier #3 was placed back into service at the end of May. Then at the beginning of June, Clarifier #5 was removed from service due to failed baffle system. Work was complete, and it was placed back in service at the end of August.

Work activities anticipated during the next reporting period:

- Continue reviewing program metrics, monitor Veolia's implementation of program, and review monthly operations reports and rehabilitation plans.
- Continue review of weekly sludge disposal and solids handling reports.

- Begin program of cleaning and inspecting aeration basins. Currently 2 have been emptied and will be cleaned of accumulated grit and debris. An assessment will then be made of the condition of the diffuser systems and remedial steps will be taken as needed. It is anticipated that 2 basins will be taken out of service at a time until all basins have been inspected and rehabbed.

2.3.12 Financing and Cost Analysis Program

Work Activities for this period for this activity:

- No activity completed for this program during the reporting period.

Work activities anticipated during the next reporting period:

- Continue implementation of the Program as required.
- Continue to review the Program and assess whether it continues to meet the City's needs.

2.4 Supplemental Environmental Project

The purpose of the Supplemental Environmental Project ("SEP") is to reduce extraneous flows entering the Wastewater Collection and Transmission System (WCTS) through defective residential Private Laterals and through illicit connections from residential properties of eligible property owners. For purposes of this SEP, an illicit connection is any residential connection to the WCTS that discharges any substance or solution that is not intended to be transferred via the WCTS, such as stormwater, surface water runoff and roof runoff. The WCTS becomes a conduit for stormwater when defective Private Laterals or illicit connections allow rain or groundwater to enter the WCTS.

Work Activities for this period for this activity:

To expedite the implementation of this project, the City of Jackson has moved this project under the Consent Decree Program Management Team. The initial effort will be a concentrated public outreach campaign focused on disseminating information of this free lateral repair/replacement project by the City of Jackson to its homeowners of low and moderate income and to secure additional plumbing contractors.

Work activities anticipated during the next reporting period:

The outreach campaign will include targeted direct mail and/or inserts in the utility billing and will make use of Public Service Announcements on local radio stations. The Public Outreach Meetings will be held in centrally located venues and Program Management staff will be available to explain the Lateral Repair/Replacement Project, the qualification criteria and the steps required to validate information provided and to

perform the CCTV and ensuing repair or replacement, as needed per the review of the CCTV film.

The City and the Program Management Team are currently assessing various contractual modes for obtaining the services of licensed plumbing companies to accelerate the execution of lateral CCTV work and necessary plumbing repairs or replacements.

The City of Jackson expects that with this new, multi-pronged approach, the City will be able to expedite project execution and be better able to meet the SEP goals set forth in the Consent Decree for the City.

2.5 Program Management Activities

Work Activities for this period for this activity:

- Assisted with the installation and training of WinCanVX in the City's CCTV trucks
- Submitted Quarterly, Semi-Annual and Annual regulatory reports.
- Prepared and conducted monthly Consent Decree Progress Meetings with City Staff, EPA, MDEQ and DOJ.
- City met with West Rankin Utility Authority officials in the attempt have them remain a satellite
- Provided overall program administration.
- Reviewed operations and maintenance reports for the City's Contract Operator on pump stations and treatment plants.

Work activities anticipated during the next reporting period:

- Continue implementation of CityWorks CMMS system and integration of CMMS with GIS data.
- Continue monthly CD Progress Meetings with EPA, DOJ and MDEQ monthly to discuss City's progress in implementing the Consent Decree.
- Meet in October 2018 with EPA, DOJ and MDEQ to begin discussing a Consent Decree Modification and Financial Capability Assessment (FCA) to establish a sustainable program.
- Continue regulatory reporting.
- Continue Consent Decree program administration.

3.0 Consent Decree Progress Schedule

A chart indicating the overall progress of Consent Decree required activities and milestones is shown on the following pages. The program schedule is updated on a monthly basis.

97348 - Jackson Compliance Schedule		Jackson Schedule Layout								20-Sep-2018
Activity ID	Activity Name	% Comp	OD	@ Comp Dur	RD	Start	Finish	Total Float	Comments	
97348 - Jackson Compliance Schedule		44.69%	8331	7142	4608	10-Oct-2011 A	29-Apr-2031	245		
Phase Approach for WCTS Evaluation and Rehabilitaion		25.28%	6087	6543	4548	01-Apr-2013 A	28-Feb-2031	305		
West Bank Interceptor Work Plan		100%	320	442	0	01-Apr-2013 A	17-Jun-2014 A			
A1000	Develop Work Plan	100%	121	121	0	01-Apr-2013 A	31-Jul-2013 A			
MS1	Submit West Bank Interceptor Work Plan (8-1-13)	100%	0	0	0		31-Jul-2013 A		5 months after date of entry 3-1-13	
EPA1	EPA Review & Approval West Bank Interceptor Work Plan	100%	320	320	0	01-Aug-2013 A	17-Jun-2014 A			
West Bank Interceptor Evaluation Activities and Report		100%	1539	1630	0	01-Apr-2014 A	17-Sep-2018	4853		
A1010	West Bank Interceptor Rehabilitation Plan (Summary)	100%	1230	926	0	01-Apr-2014 A	13-Oct-2016 A			
WBI Flow Monitoring		100%	730	730	0	01-Apr-2014 A	31-Mar-2016 A			
A1020	WBI Flow Monitoring	100%	730	730	0	01-Apr-2014 A	31-Mar-2016 A			
Inspection and Structural Evaluation of West Bank Interceptor		100%	1095	488	0	01-May-2014 A	31-Aug-2015 A			
A1030	Procure	100%	122	122	0	01-May-2014 A	31-Aug-2014 A			
A1300	Inspections	100%	365	365	0	01-Sep-2014 A	31-Aug-2015 A			
Flow Data and Structural Evaluation Analysis		100%	274	274	0	01-Mar-2015 A	30-Nov-2015 A			
A1040	Flow Data and Structural Evaluation Analysis	100%	274	274	0	01-Mar-2015 A	30-Nov-2015 A			
West Bank Interceptor Evaluation Report and Rehabilitaion Plan		100%	1230	317	0	01-Dec-2015 A	13-Oct-2016 A			
A1050	Develop West Bank Interceptor Evaluation Report and Rehabilitation Plan	100%	121	121	0	01-Dec-2015 A	31-Mar-2016 A			
MS2	Submit West Bank Interceptor Rehabilitation Plan (4-17-16)	100%	0	0	0		31-Mar-2016 A		22 months after EPA1	
EPA2	EPA Review & Approval West Bank Interceptor Rehabilitation Plan	100%	195	195	0	01-Apr-2016 A	13-Oct-2016 A			
West Bank Interceptor Facilities Plan & SRF Application		0%	0	0	0	17-Sep-2018	17-Sep-2018	0		
A1060	West Bank Interceptor Facilities Plan & SRF Application (Summary)	0%	0	0	0	17-Sep-2018	17-Sep-2018	0	City Decided not to develop FP or seek SRF Funds	
WBI Yearly Flow Monitoring		17.89%	5024	5024	4125	01-Apr-2016 A	01-Jan-2030	728		
A1750	WBI Flow Monitoring (Ongoing)	17.89%	5024	5024	4125	01-Apr-2016 A	01-Jan-2030	728		
West Bank Interceptor Rehabilitation Design and Construction - Phase 1		46.62%	3595	3981	1919	10-Jun-2013 A	03-May-2024	-658		
Project 1 - MH IT0052-IT0082 Rehab		100%	416	737	0	10-Jun-2013 A	17-Jun-2015 A			
A1070	FP Phase 3 Contract 1 Construction	100%	416	416	0	10-Jun-2013 A	31-Jul-2014 A			
A1080	FP Phase 3 Contract 2 Construction	100%	259	259	0	01-Oct-2014 A	17-Jun-2015 A			
Project 2 - MH IT0082-IT0098 Rehab		100%	233	233	0	11-Apr-2016 A	30-Nov-2016 A			
A1090	FP Phase 4 Construction	100%	233	233	0	11-Apr-2016 A	30-Nov-2016 A			
Project 3 - MH IT0098-IT0118 Rehab		100%	207	268	0	21-Nov-2016 A	15-Aug-2017 A			
A1100	FP Phase 5 Construction	100%	207	268	0	21-Nov-2016 A	15-Aug-2017 A			
Project 4 - MH IT0148-IT0171 Cleaning only		56.73%	1130	1585	489	01-Feb-2016 A	03-Jun-2020	-658		
A1110	Design	100%	89	89	0	01-Feb-2016 A	30-Apr-2016 A			
A1120	Procure	0%	89	89	89	01-Feb-2019*	30-Apr-2019	-658		
A1130	Cleaning	0%	367	367	367	03-Jun-2019	03-Jun-2020	-658		
Project 5 - MH IT0133-IT0148 Cleaning only		0%	334	334	334	04-Jun-2020	03-May-2021	438		
A1140	Design	0%	90	90	90	04-Jun-2020	01-Sep-2020	-658		
A1150	Procure	0%	122	122	122	02-Sep-2020	01-Jan-2021	438		
A1160	Cleaning	0%	122	122	122	02-Jan-2021	03-May-2021	438		
Project 6 - MH IT0118-IT0133 Rehab		0%	549	549	549	02-Dec-2020	03-Jun-2022	-658		
A1170	Design	0%	184	184	184	02-Dec-2020	03-Jun-2021	-658		
A1180	Procure	0%	120	120	120	04-Jun-2021	01-Oct-2021	-658		
A1190	Construction	0%	245	245	245	02-Oct-2021	03-Jun-2022	-658		
Project 7 - MH IT0035-IT0043 Rehab		0%	520	520	520	01-Jan-2022	04-Jun-2023	-658		
A1200	Design	0%	154	154	154	01-Jan-2022	03-Jun-2022	-658		
A1210	Procure	0%	121	121	121	04-Jun-2022	02-Oct-2022	-658		
A1220	Construction	0%	245	245	245	03-Oct-2022	04-Jun-2023	-658		
Project 8 - TP2-IT02, IT09-IT12, IT28-IT29 Cleaning only		0%	334	334	334	05-Jun-2023	03-May-2024	-658		
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Activity ID	Activity Name	% Comp	OD	@ Comp Dur	RD	Start	Finish	Total Float	Comments	
A1230	Design	0%	90	90	90	05-Jun-2023	02-Sep-2023	-658		
A1240	Procure	0%	122	122	122	03-Sep-2023	02-Jan-2024	-658		
A1250	Cleaning	0%	122	122	122	03-Jan-2024	03-May-2024	-658		
West Bank Interceptor Activity Report - Phase 1		0%	274	274	274	04-May-2024	01-Feb-2025	2523		
A1361	Develop Report West Bank Interceptor Phase 1	0%	90	90	90	04-May-2024	01-Aug-2024	-658		
MS3	Submit Report West Bank Interceptor Phase 1 (10-13-22)	0%	0	0	0		01-Aug-2024*	-658	72 months after approval of EPA2	
EPA3	EPA Review & Approval West Bank Interceptor	0%	184	184	184	02-Aug-2024	01-Feb-2025	2523		
West Bank Interceptor Design and Construction - Phase 2		0%	3257	3257	3257	01-Jul-2021	31-May-2030	227		
A1830	West Bank Interceptor Design & Construction - Phase 2	0%	2922	2922	2922	01-Jun-2022*	31-May-2030	227		
Project 9 - MH IT0021-IT0033 Rehab		0%	549	549	549	01-Jul-2021	31-Dec-2022	2935		
A1360	Design	0%	184	184	184	01-Jul-2021*	31-Dec-2021	2935		
A1370	Procure	0%	120	120	120	01-Jan-2022	30-Apr-2022	2935		
A1380	Construction	0%	245	245	245	01-May-2022	31-Dec-2022	2935		
Project 10 - MH TP02-IT0001 Rehab		0%	549	549	549	01-Jul-2022	31-Dec-2023	2570		
A1390	Design	0%	184	184	184	01-Jul-2022*	31-Dec-2022	2570		
A1400	Procure	0%	120	120	120	01-Jan-2023	30-Apr-2023	2570		
A1410	Construction	0%	245	245	245	01-May-2023	31-Dec-2023	2570		
West Bank Interceptor Activity Report - Phase 2		0%	272	272	272	01-Jun-2030	27-Feb-2031	306		
A1420	Develop Report West Bank Interceptor Phase 2	0%	90	90	90	01-Jun-2030	29-Aug-2030	227		
MS4	Submit West Bank Interceptor Phase 2 (4-13-2031)	0%	0	0	0		29-Aug-2030*	227	174 months after approval of EPA2	
EPA4	EPA Review & Approval West Bank Interceptor Phase 2	0%	182	182	182	30-Aug-2030	27-Feb-2031	306		
Sewershed Prioritization Work Plan		100%	259	381	0	01-Jun-2013 A	17-Jun-2014 A			
A1350	Develop Sewershed Prioritization Work Plan	100%	121	121	0	01-Jun-2013 A	30-Sep-2013 A			
MS5	Submit Sewershed Prioritization Work Plan (10-1-13)	100%	0	0	0		30-Sep-2013 A		7 months after date of entry 3-1-13	
EPA5	EPA Review & Approval Sewershed Prioritization Work Plan	100%	259	259	0	01-Oct-2013 A	17-Jun-2014 A			
Sewershed Prioritization Activities and Report		79.24%	1975	2344	410	01-Jun-2013 A	31-Oct-2019	4443		
Sewershed Flow Monitoring		100%	1095	334	0	01-May-2014 A	31-Mar-2015 A			
A1440	Procure	100%	122	122	0	01-May-2014 A	31-Aug-2014 A			
A1450	Flow Monitoring	100%	211	211	0	01-Sep-2014 A	31-Mar-2015 A			
Sewershed Characterization		100%	182	182	0	01-Apr-2015 A	30-Sep-2015 A			
A1460	Characterization	100%	182	182	0	01-Apr-2015 A	30-Sep-2015 A			
WCTS Mapping		92.73%	1032	2009	75	01-Jun-2013 A	30-Nov-2018	4778		
A1470	Field Data Collection / GIS Mapping	100%	1002	1002	0	01-Jun-2013 A	28-Feb-2016 A			
A1480	Field Verification	87.68%	609	609	75	01-Apr-2017 A	30-Nov-2018	-789		
Hydraulic Modeling		58.49%	913	913	379	01-Apr-2017 A	30-Sep-2019	-789		
A1490	Hydraulic Modeling	58.49%	913	913	379	01-Apr-2017 A	30-Sep-2019	-789		
WCTS Capacity Assessment		67.32%	609	731	199	31-Oct-2017 A	31-Oct-2019	-517		
A1510	Capacity Assessment	100%	121	122	0	31-Oct-2017 A	02-Mar-2018 A			
A1500	Pump Stations Condition Assessment	0%	199	199	199	16-Apr-2019	31-Oct-2019	-517		
Sewershed Prioritization Report		100%	184	402	0	01-Jan-2017 A	07-Feb-2018 A			
A1430	Develop Sewershed Prioritization Report	100%	58	47	0	01-Jan-2017 A	17-Feb-2017 A			
MS6	Submit Sewershed Prioritization Report (2-17-17)	100%	0	0	0		17-Feb-2017 A		32 months after approval of EPA5	
EPA6	EPA Review & Approval Sewershed Prioritization Report	100%	184	354	0	18-Feb-2017 A	07-Feb-2018 A		EPA Approval recieved on 2-7-18	
Sewershed Evaluation Plan		9.98%	5052	6360	4548	01-Oct-2013 A	28-Feb-2031	305		
A1520	Develop Sewershed Evaluation Plan	100%	150	150	0	01-Oct-2013 A	28-Feb-2014 A			
MS7	Submit Sewershed Evaluation Plan (3-1-14)	100%	0	0	0		28-Feb-2014 A		12 months after date of entry 3-1-13	
EPA7	EPA Review & Approval Sewershed Evaluation Plan	100%	108	108	0	01-Mar-2014 A	17-Jun-2014 A			
Sewershed Group 1		14.03%	3593	3593	3089	01-May-2017 A	02-Mar-2027	1764		
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WCTS Evaluation Sewer Group 1		0%	274	274	274	01-Mar-2019	29-Nov-2019	-546	
A1530	Procure	0%	46	46	46	01-Mar-2019*	15-Apr-2019	-546	
A1540	Evaluation of Sewershed Group 1	0%	228	228	228	16-Apr-2019	29-Nov-2019	-546	
MS9	Complete Evaluation of Sewershed Group 1 (6-1-18)	0%	0	0	0		29-Nov-2019*	-546	63 months from date of entry 3-1-13
Group 1 SSES Studies		48.6%	1037	1037	533	01-May-2017 A	02-Mar-2020	4320	
A1550	Procure	0%	123	806	302	01-May-2017 A	15-Jul-2019	4320	
A1560	Group1 SSES Studies	0%	215	215	215	01-Aug-2019	02-Mar-2020	4320	Only Group 1, Contract 3 to proceed initially
Pre-Rehab Flow Monitoring		0%	243	243	243	02-Jan-2020	31-Aug-2020	4138	
A1570	Procure	0%	89	89	89	02-Jan-2020*	30-Mar-2020	4138	
A1580	Flow Monitoring	0%	109	109	109	15-May-2020*	31-Aug-2020	4138	Only Group 1, Contract 3 to proceed initially
WCTS Evaluation Report/ Rehabilitation Plan- Group 1		0%	272	272	272	01-Dec-2020	29-Aug-2021	-913	
A1590	Develop WCTS Evaluation Report/ Rehabilitation Plan- Group 1	0%	91	91	91	01-Dec-2020*	01-Mar-2021	-913	Only Group 1, Contract 3 to proceed initially
MS8	Submit WCTS Evaluation Report/ Rehabilitation Plan- Group 1 (8-31-18)	0%	0	0	0		01-Mar-2021*	-913	3 months from completion of MS9 ; Only Group 1, Contract 3 to proceed initially
EPA8	EPA Review & Approval WCTS Evaluation Report/ Rehabilitation Plan- Group 1	0%	181	181	181	02-Mar-2021	29-Aug-2021	-913	Only Group 1, Contract 3 to proceed initially
WCTS Rehabilitation Design and Construction Group 1		0%	1736	1736	1736	30-Aug-2021	31-May-2026	-913	
A1600	Procure	0%	156	156	156	30-Aug-2021	01-Feb-2022	-913	
A1610	Design	0%	730	730	730	02-Feb-2022	01-Feb-2024	-913	
A1620	Bid	0%	120	120	120	02-Feb-2024	31-May-2024	-913	
A1630	Construction	0%	730	730	730	01-Jun-2024	31-May-2026	-913	
MS10	Complete WCTS Rehabilitation Design and Construction Group 1 (12-1-23)	0%	0	0	0		31-May-2026*	-913	129 months from date of entry 3-1-13
WCTS Rehabilitation Activity Report (By Design Engineer) Group 1		0%	275	275	275	01-Jun-2026	02-Mar-2027	1764	
A1640	Develop WCTS Rehabilitation Activity Report - Group 1	0%	91	91	91	01-Jun-2026	30-Aug-2026	-913	
MS11	Submit WCTS Rehabilitation Activity Report - Group 1 (2-29-24)	0%	0	0	0		30-Aug-2026*	-913	3 months from completion of MS10
EPA9	EPA Review & Approval WCTS Rehabilitation Activity Report - Group 1	0%	184	184	184	31-Aug-2026	02-Mar-2027	1764	
Sewershed Group 2		0%	2922	2922	2922	01-Mar-2023	28-Feb-2031	305	
WCTS Evaluation - SSES, Etc. - Sewer Group 2		0%	641	641	641	01-Mar-2023	30-Nov-2024	0	
A1650	Procure	0%	92	92	92	01-Mar-2023*	31-May-2023	0	
A1660	Evaluation of Sewershed Group 2	0%	549	549	549	01-Jun-2023	30-Nov-2024	0	
MS12	Complete Evaluation of Sewershed Group 2 (12-1-24)	0%	0	0	0		30-Nov-2024*	0	141 months from date of entry 3-1-13
WCTS Evaluation Report/ Rehabilitation Plan - Group 2		0%	274	274	274	01-Dec-2024	31-Aug-2025	0	
A1670	Develop WCTS Evaluation Report/ Rehabilitation Plan- Group 2	0%	90	90	90	01-Dec-2024	28-Feb-2025	0	
MS13	Submit WCTS Evaluation Report/ Rehabilitation Plan- Group 2 (2-28-25)	0%	0	0	0		28-Feb-2025*	0	3 months from completion of MS12
EPA10	EPA Review & Approval WCTS Evaluation Report/ Rehabilitation Plan- Group 2	0%	184	184	184	01-Mar-2025	31-Aug-2025	0	
WCTS Rehabilitation Design and Construction Group 2		0%	1734	1734	1734	01-Sep-2025	31-May-2030	0	
A1680	Procure	0%	154	154	154	01-Sep-2025	01-Feb-2026	0	
A1690	Design	0%	730	730	730	02-Feb-2026	01-Feb-2028	0	
A1700	Bid	0%	120	120	120	02-Feb-2028	31-May-2028	0	
A1710	Construction	0%	730	730	730	01-Jun-2028	31-May-2030	0	
MS14	Complete WCTS Rehabilitation Design and Construction Group 1 (6-1-30)	0%	0	0	0		31-May-2030*	0	207 months from date of entry 3-1-13
WCTS Rehabilitation Activity Report (By Design Engineer) Group 2		0%	273	273	273	01-Jun-2030	28-Feb-2031	305	
A1720	Develop WCTS Rehabilitation Activity Report - Group 2	0%	92	92	92	01-Jun-2030	31-Aug-2030	0	
MS15	Submit WCTS Rehabilitation Activity Report - Group 2 (8-31-30)	0%	0	0	0		31-Aug-2030*	0	3 months from completion of MS14
EPA11	EPA Review & Approval WCTS Rehabilitation Activity Report - Group 2	0%	181	181	181	01-Sep-2030	28-Feb-2031	305	
Comprehensive Performance Evaluation (CPE) & Composite Correction Program (CCF		38.24%	4140	4597	2557	01-Mar-2013 A	30-Sep-2025	2282	
Comprehensive Performance Evaluation (CPE) of SSWWTF		100%	1521	781	0	01-Mar-2013 A	21-Apr-2015 A		
A1730	Comprehensive Performance Evaluation (CPE) of SSWWTF	100%	456	456	0	01-Mar-2013 A	31-May-2014 A		
MS16	Submit Comprehensive Performance Evaluation (CPE) of SSWWTF	100%	0	0	0		31-May-2014 A		15 months from date of entry 3-1-13
EPA 12	EPA Review & Approval Comprehensive Performance Evaluation (CPE) of SSWWTF	100%	324	324	0	01-Jun-2014 A	21-Apr-2015 A		
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Composite Correction Plan (CCP) of SSWWTF		100%	1678	942	0	01-Sep-2014 A	31-Mar-2017 A		
A1740	Comprehensive Performance Evaluation (CCP) of SSWWTF	100%	364	364	0	01-Sep-2014 A	31-Aug-2015 A		
MS17	Submit Comprehensive Performance Evaluation (CCP) of SSWWTF	100%	0	0	0		31-Aug-2015 A		12 months after approval of EPA12
EPA13	EPA Review & Approval Comprehensive Performance Evaluation (CCP) of SSWWTF	100%	613	577	0	01-Sep-2015 A	31-Mar-2017 A		revision requested part of lower approval EPA14?
Savanna WWTP Facilities Plan & SRF Application		100%	92	514	0	01-May-2017 A	27-Sep-2018 A		
A1760	FP	100%	92	168	0	01-May-2017 A	15-Oct-2017 A		Final FP 10-15-17
A1770	SRF	100%	61	422	0	01-Aug-2017 A	27-Sep-2018 A		Final SRF 10-15-17; SRF Loan Application
Composite Correction Plan Revision and Resubmittal		100%	518	1119	0	01-Apr-2015 A	24-Apr-2018 A		
A1780	CCP Revision	100%	275	390	0	01-Apr-2015 A	25-Apr-2016 A		
MS18	Submit CCP Revision	100%	0	0	0		25-Apr-2016 A		
EPA14	EPA Review & Approval CCP Revision	100%	181	728	0	26-Apr-2016 A	24-Apr-2018 A		
Corrective Actions - Types I & II		0%	571	571	571	01-Oct-2018	23-Apr-2020	0	
A1800	Type I & II Corective Actions	0%	571	571	571	01-Oct-2018*	23-Apr-2020	0	
MS19	Complete Type I & II Corective Actions	0%	0	0	0		23-Apr-2020*	0	24 months after approval of EPA14
Corrective Actions - Type III		0%	1826	1826	1826	01-Oct-2020	30-Sep-2025	-891	
A1810	Type III Corective Actions	0%	1826	1826	1826	01-Oct-2020*	30-Sep-2025	-891	
MS20	Complete Type III Corective Actions	0%	0	0	0		30-Sep-2025*	-891	60 months after approval of EPA14
Work under MDEQ Orders Enforceable under this Consent Decree		100%	1341	2009	0	02-Jul-2012 A	31-Dec-2017 A		
SSWWTF - Remove Sludge From Storm Cells		100%	667	667	0	02-Jul-2012 A	30-Apr-2014 A		
A1820	SSWWTF - Remove Sludge From Storm Cells	100%	667	667	0	02-Jul-2012 A	30-Apr-2014 A		
MS21	Complete SSWWTF - Remove Sludge From Storm Cells	100%	0	0	0		30-Apr-2014 A		Complaince 4-30-14
SSWWTF - Dispose of Sludge Removed From Storm Cells		100%	1341	1341	0	01-May-2014 A	31-Dec-2017 A		
A1840	SSWWTF - Dispose of Sludge Removed From Storm Cells	100%	1341	1340	0	01-May-2014 A	31-Dec-2017 A		
MS22	Complete SSWWTF - Dispose of Sludge Removed From Storm Cells	100%	0	0	0		31-Dec-2017 A		Compliance 12-31-17
Presidential Hills NPDES Compliance		100%	439	439	0	18-Mar-2013 A	31-May-2014 A		
A1850	Presidential Hills NPDES Compliance	100%	439	439	0	18-Mar-2013 A	31-May-2014 A		
MS23	Complete Presidential Hills NPDES Compliance	100%	0	0	0		31-May-2014 A		Compliance 5-31-14
Capacity, Management, Operations and Maintenance Programs (CMOM)		47.58%	8331	6901	4367	10-Oct-2011 A	31-Aug-2030	486	
CMOM Training Program		100%	365	601	0	01-Sep-2013 A	25-Apr-2015 A		
A1860	Develop CMOM Training Program	100%	365	180	0	01-Sep-2013 A	28-Feb-2014 A		
MS24	Submit CMOM Training Program (3-1-14)	100%	0	0	0		28-Feb-2014 A		12 months from date of entry 3-1-13
EPA15	EPA Review & Approval of CMOM Training Program	100%	55	55	0	01-Mar-2014 A	25-Apr-2014 A		
A1870	Implementation of CMOM Training Program (4-25-15)	100%	365	364	0	26-Apr-2014 A	25-Apr-2015 A		12 months after Approval of EPA15
CMOM Capacity Assurance Program (CAP)		40.85%	1136	1335	672	31-Aug-2017 A	27-Apr-2021	0	
MS25.1	Submit CMOM CAP Intern (9-1-17)	100%	0	0	0		31-Aug-2017 A		54 months from date of entry 3-1-13, Intern CAP submitted 8-31-17
EPA35	EPA Review & Approval of Intern CMOM CAP	100%	180	159	0	01-Sep-2017 A	07-Feb-2018 A		
A1880	Develop CMOM CAP	23.49%	166	630	127	08-Feb-2018 A	30-Oct-2019	-789	Tied to Hydraulic Modeling complete plus 30 days
MS25	Submit CMOM CAP Final (9-1-17)	0%	0	0	0		30-Oct-2019*	-789	54 months from date of entry 3-1-13, Intern CAP submitted 8-31-17
EPA16	EPA Review & Approval of CMOM CAP	0%	180	180	180	31-Oct-2019	27-Apr-2020	0	
A1890	Implementation of CMOM CAP	0%	365	365	365	28-Apr-2020	27-Apr-2021*	0	12 months after Approval of EPA16
CMOM Sewer Overflow Response Plan		36.72%	6901	6901	4367	10-Oct-2011 A	31-Aug-2030	486	
A1920	CMOM Sewer Overflow Response Plan	36.72%	6901	6901	4367	10-Oct-2011 A	31-Aug-2030	486	ongoing for duration of Consent Decree
CMOM Interjurisdictional Agreement Program		100%	725	1275	0	01-Mar-2014 A	26-Aug-2017 A		
A1900	Develop CMOM Interjurisdictional Agreement Program	100%	365	364	0	01-Mar-2014 A	28-Feb-2015 A		
MS26	Submit CMOM Interjurisdictional Agreement Program (3-1-15)	100%	0	0	0		28-Feb-2015 A		24 months from date of entry 3-1-13
EPA17	EPA Review & Approval of CMOM Interjurisdictional Agreement Program	100%	180	544	0	01-Mar-2015 A	26-Aug-2016 A		
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A1910	Implementation of CMOM Interjurisdictional Agreement Program (8-26-17)	100%	365	365	0	27-Aug-2016 A	26-Aug-2017 A		12 months after Approval of EPA17	
CMOM Private Lateral Program		84.49%	2127	1991	330	01-Mar-2014 A	12-Aug-2019	-730		
A1930	Develop CMOM Private Lateral Program	100%	365	365	0	01-Mar-2014 A	28-Feb-2015 A			
MS27	Submit CMOM Private Lateral Program (3-1-15)	100%	0	0	0		28-Feb-2015 A		24 months from date of entry 3-1-13	
EPA18	EPA Review & Approval of CMOM Private Lateral Program	100%	180	530	0	01-Mar-2015 A	12-Aug-2016 A			
A1940	Implementation of CMOM Private Lateral Program (8-12-17)	9.59%	365	1095	330	13-Aug-2016 A	12-Aug-2019*	-730	12 months after Approval of EPA18, Implementation has not been started	
CMOM Water Quality Monitoring Program		71.41%	1553	2105	444	01-Mar-2014 A	04-Dec-2019	-365		
A1950	Develop CMOM Water Quality Monitoring Program	100%	365	365	0	01-Mar-2014 A	28-Feb-2015 A			
MS28	Submit CMOM Water Quality Monitoring Program (3-1-15)	100%	0	0	0		28-Feb-2015 A		24 months from date of entry 3-1-13	
EPA19	EPA Review & Approval of CMOM Water Quality Monitoring Program	100%	180	1009	0	01-Mar-2015 A	04-Dec-2017 A		Several Resubmittals	
A1960	Implementation of CMOM Water Quality Monitoring Program (12-4-18)	0%	365	730	444	05-Dec-2017 A	04-Dec-2019*	-365	12 months after Approval of EPA19	
CMOM Pump Station Operations Program		100%	1882	729	0	01-Jun-2013 A	31-May-2015 A			
A1970	Develop CMOM Pump Station Operations Program	100%	365	272	0	01-Jun-2013 A	28-Feb-2014 A			
MS29	Submit CMOM Pump Station Operations Program (3-1-14)	100%	0	0	0		28-Feb-2014 A		12 months from date of entry 3-1-13	
EPA20	EPA Review & Approval of CMOM Pump Station Operations Program	100%	180	108	0	01-Mar-2014 A	17-Jun-2014 A			
A1980	Implementation of CMOM Pump Station Operations Program (6-17-15)	100%	365	347	0	18-Jun-2014 A	31-May-2015 A		12 months after Approval of EPA20	
CMOM Fats, Oils and Grease (FOG) Program		100%	1157	1736	0	01-Mar-2014 A	01-Dec-2018 A			
A1990	Develop CMOM Fats, Oils and Grease (FOG) Program	100%	365	365	0	01-Mar-2014 A	28-Feb-2015 A			
MS30	Submit CMOM Fats, Oils and Grease (FOG) Program (3-1-15)	100%	0	0	0		28-Feb-2015 A		24 months from date of entry 3-1-13	
EPA21	EPA Review & Approval of CMOM Fats, Oils and Grease (FOG) Program	100%	180	527	0	01-Mar-2015 A	09-Aug-2016 A			
A2000	Implementation of CMOM Fats, Oils and Grease (FOG) Program (8-9-17)	100%	365	467	0	21-Aug-2017 A	01-Dec-2018 A		12 months after Approval of EPA21, Implementation started by program manager	
CMOM Pump Station Maintenance Program		100%	747	730	0	01-Jun-2013 A	31-May-2015 A			
A2010	Develop CMOM Pump Station Maintenance Program	100%	365	273	0	01-Jun-2013 A	28-Feb-2014 A			
MS31	Submit CMOM Pump Station Maintenance Program (3-1-14)	100%	0	0	0		28-Feb-2014 A		12 months from date of entry 3-1-13	
EPA22	EPA Review & Approval of CMOM Pump Station Maintenance Program	100%	180	109	0	01-Mar-2014 A	17-Jun-2014 A			
A2020	Implementation of CMOM Pump Station Maintenance Program (6-17-15)	100%	365	348	0	18-Jun-2014 A	31-May-2015 A		12 months after Approval of EPA22	
CMOM Gravity Line Preventative Maintenance Program		71.37%	1055	2236	302	01-Jun-2013 A	15-Jul-2019	-1180		
A2030	Develop CMOM Gravity Line Preventative Maintenance Program	100%	334	334	0	01-Jun-2013 A	30-Apr-2014 A			
MS32	Submit CMOM Gravity Line Preventative Maintenance Program (6-1-14)	100%	0	0	0		30-Apr-2014 A		15 months from date of entry 3-1-13	
EPA23	EPA Review & Approval of CMOM Gravity Line Preventative Maintenance Program	100%	180	356	0	01-May-2014 A	21-Apr-2015 A			
A2040	Implementation of CMOM Gravity Line Preventative Maintenance Program (4-21-16)	17.26%	365	1546	302	22-Apr-2015 A	15-Jul-2019*	-1180	12 months after Approval of EPA23, Not fully Implemented, RFP's for Outside Contractors Q4 2017	
CMOM WWTF Operation and Maintenance Program		100%	2340	1055	0	01-Jun-2013 A	21-Apr-2016 A			
A2050	Develop CMOM WWTF Operation and Maintenance Program	100%	334	334	0	01-Jun-2013 A	30-Apr-2014 A			
MS33	Submit CMOM WWTF Operation and Maintenance Program (6-1-14)	100%	0	0	0		30-Apr-2014 A		15 months from date of entry 3-1-13	
EPA24	EPA Review & Approval of CMOM WWTF Operation and Maintenance Program	100%	180	356	0	01-May-2014 A	21-Apr-2015 A			
A2060	Implementation of CMOM WWTF Operation and Maintenance Program (4-21-16)	100%	365	365	0	22-Apr-2015 A	21-Apr-2016 A		12 months after Approval of EPA24	
Financing and Cost Analysis Program		87.78%	2209	2204	270	01-Jun-2013 A	13-Jun-2019	0		
A2070	Develop Financing and Cost Analysis Program	100%	365	456	0	01-Jun-2013 A	31-Aug-2014 A			
MS34	Submit Financing and Cost Analysis Program (9-1-14)	100%	0	0	0		31-Aug-2014 A		18 months from date of entry 3-1-13, Resubmittal required by 2-8-18	
EPA25	EPA Review & Approval of Financing and Cost Analysis Program	100%	180	1065	0	01-Sep-2014 A	31-Jul-2017 A		EPA held for 3 years. Gave option to review again 6 months and resubmit	
A2071	Redevelop Financing and Cost Analysis Program (2-8-18)	100%	180	178	0	13-Aug-2017 A	07-Feb-2018 A		Reviewed by city and is reflective of current practices, no further revisions.	
MS34.1	Resubmit Financing and Cost Analysis Program (2-8-18)	100%	0	0	0		07-Feb-2018 A			
EPA25.1	EPA Review & Approval of Financing and Cost Analysis Program Resubmittal	100%	180	33	0	08-Feb-2018 A	13-Mar-2018 A			
A2080	Implementation of Financing and Cost Analysis Program (6-13-19)	40.92%	457	457	270	14-Mar-2018 A	13-Jun-2019*	0	15 months after approval of EPA25.1	
Reporting Requirements		10.94%	5174	5538	4608	01-Mar-2016 A	29-Apr-2031	245		
Quarterly Reports		10.22%	4931	5051	4427	01-Jan-2017 A	30-Oct-2030	426		
Quarterly Report 16		100%	90	128	0	01-Jan-2017 A	08-May-2017 A			
		Page 5 of 8							TASK filter: All Activities Progress Thru 17-Sep-2018	

97348 - Jackson Compliance Schedule			Jackson Schedule Layout							20-Sep-2018
Activity ID	Activity Name	% Comp	OD	@ Comp Dur	RD	Start	Finish	Total Float	Comments	
A2090	Develop Report 16	100%	90	90	0	01-Jan-2017 A	31-Mar-2017 A			
A2100	Due to City Report 16	100%	0	0	0		24-Apr-2017 A			
A2110	Due to EPA Report 16	100%	0	0	0		08-May-2017 A			
Quarterly Report 17		100%	156	122	0	01-Apr-2017 A	31-Jul-2017 A			
A2120	Develop Report 17	100%	91	91	0	01-Apr-2017 A	30-Jun-2017 A			
A2130	Due to City Report 17	100%	0	0	0		21-Jul-2017 A			
A2140	Due to EPA Report 17	100%	0	0	0		31-Jul-2017 A			
Quarterly Report 18		100%	122	122	0	01-Jul-2017 A	30-Oct-2017 A			
A2150	Develop Report 18	100%	92	92	0	01-Jul-2017 A	30-Sep-2017 A			
A2160	Due to City Report 18	100%	0	0	0		23-Oct-2017 A			
A2170	Due to EPA Report 18	100%	0	0	0		30-Oct-2017 A			
Quarterly Report 19		100%	122	122	0	01-Oct-2017 A	30-Jan-2018 A			
A2180	Develop Report 19	100%	92	92	0	01-Oct-2017 A	31-Dec-2017 A			
A2190	Due to City Report 19	100%	0	0	0		23-Jan-2018 A			
A2200	Due to EPA Report 19	100%	0	0	0		30-Jan-2018 A			
Quarterly Report 20		100%	120	120	0	01-Jan-2018 A	30-Apr-2018 A			
A2210	Develop Report 20	100%	90	90	0	01-Jan-2018 A	31-Mar-2018 A			
A2220	Due to City Report 20	100%	0	0	0		23-Apr-2018 A			
A2230	Due to EPA Report 20	100%	0	0	0		30-Apr-2018 A			
Quarterly Report 21		100%	121	121	0	01-Apr-2018 A	30-Jul-2018 A			
A2240	Develop Report 21	100%	91	91	0	01-Apr-2018 A	30-Jun-2018 A			
A2250	Due to City Report 21	100%	0	0	0		23-Jul-2018 A			
A2260	Due to EPA Report 21	100%	0	0	0		30-Jul-2018 A			
Quarterly Report 22		63.93%	122	122	44	01-Jul-2018 A	30-Oct-2018	0		
A2270	Develop Report 22	84.78%	92	92	14	01-Jul-2018 A	30-Sep-2018	0		
A2280	Due to City Report 22	0%	0	0	0		23-Oct-2018*	0		
A2290	Due to EPA Report 22	0%	0	0	0		30-Oct-2018*	0		
Quarterly Report 23		0%	122	122	122	01-Oct-2018	30-Jan-2019	0		
Quarterly Report 24		0%	120	120	120	01-Jan-2019	30-Apr-2019	0		
Quarterly Report 25		0%	121	121	121	01-Apr-2019	30-Jul-2019	0		
Quarterly Report 26		0%	122	122	122	01-Jul-2019	30-Oct-2019	0		
Quarterly Report 27		0%	122	122	122	01-Oct-2019	30-Jan-2020	0		
Quarterly Report 28		0%	121	121	121	01-Jan-2020	30-Apr-2020	0		
Quarterly Report 29		0%	121	121	121	01-Apr-2020	30-Jul-2020	0		
Quarterly Report 30		0%	122	122	122	01-Jul-2020	30-Oct-2020	0		
Quarterly Report 31		0%	122	122	122	01-Oct-2020	30-Jan-2021	0		
Quarterly Report 32		0%	120	120	120	01-Jan-2021	30-Apr-2021	0		
Quarterly Report 33		0%	121	121	121	01-Apr-2021	30-Jul-2021	0		
Quarterly Report 34		0%	122	122	122	01-Jul-2021	30-Oct-2021	0		
Quarterly Report 35		0%	122	122	122	01-Oct-2021	30-Jan-2022	0		
Quarterly Report 36		0%	120	120	120	01-Jan-2022	30-Apr-2022	0		
Quarterly Report 37		0%	121	121	121	01-Apr-2022	30-Jul-2022	0		
Quarterly Report 38		0%	122	122	122	01-Jul-2022	30-Oct-2022	0		
Quarterly Report 39		0%	122	122	122	01-Oct-2022	30-Jan-2023	0		
Quarterly Report 40		0%	120	120	120	01-Jan-2023	30-Apr-2023	0		
Quarterly Report 41		0%	121	121	121	01-Apr-2023	30-Jul-2023	0		
Quarterly Report 42		0%	122	122	122	01-Jul-2023	30-Oct-2023	0		
Quarterly Report 43		0%	122	122	122	01-Oct-2023	30-Jan-2024	0		
Quarterly Report 44		0%	121	121	121	01-Jan-2024	30-Apr-2024	0		
Quarterly Report 45		0%	121	121	121	01-Apr-2024	30-Jul-2024	0		
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97348 - Jackson Compliance Schedule		Jackson Schedule Layout								20-Sep-2018
Activity ID	Activity Name	% Comp	OD	@ Comp Dur	RD	Start	Finish	Total Float	Comments	
	Quarterly Report 46	0%	122	122	122	01-Jul-2024	30-Oct-2024	0		
	Quarterly Report 47	0%	122	122	122	01-Oct-2024	30-Jan-2025	0		
	Quarterly Report 48	0%	120	120	120	01-Jan-2025	30-Apr-2025	0		
	Quarterly Report 49	0%	121	121	121	01-Apr-2025	30-Jul-2025	0		
	Quarterly Report 50	0%	122	122	122	01-Jul-2025	30-Oct-2025	0		
	Quarterly Report 51	0%	122	122	122	01-Oct-2025	30-Jan-2026	0		
	Quarterly Report 52	0%	120	120	120	01-Jan-2026	30-Apr-2026	0		
	Quarterly Report 53	0%	121	121	121	01-Apr-2026	30-Jul-2026	0		
	Quarterly Report 54	0%	122	122	122	01-Jul-2026	30-Oct-2026	0		
	Quarterly Report 55	0%	122	122	122	01-Oct-2026	30-Jan-2027	0		
	Quarterly Report 56	0%	120	120	120	01-Jan-2027	30-Apr-2027	0		
	Quarterly Report 57	0%	121	121	121	01-Apr-2027	30-Jul-2027	0		
	Quarterly Report 58	0%	122	122	122	01-Jul-2027	30-Oct-2027	0		
	Quarterly Report 59	0%	122	122	122	01-Oct-2027	30-Jan-2028	0		
	Quarterly Report 60	0%	121	121	121	01-Jan-2028	30-Apr-2028	0		
	Quarterly Report 61	0%	121	121	121	01-Apr-2028	30-Jul-2028	0		
	Quarterly Report 62	0%	122	122	122	01-Jul-2028	30-Oct-2028	0		
	Quarterly Report 63	0%	122	122	122	01-Oct-2028	30-Jan-2029	0		
	Quarterly Report 64	0%	120	120	120	01-Jan-2029	30-Apr-2029	0		
	Quarterly Report 65	0%	121	121	121	01-Apr-2029	30-Jul-2029	0		
	Quarterly Report 66	0%	122	122	122	01-Jul-2029	30-Oct-2029	0		
	Quarterly Report 67	0%	122	122	122	01-Oct-2029	30-Jan-2030	0		
	Quarterly Report 68	0%	120	120	120	01-Jan-2030	30-Apr-2030	0		
	Quarterly Report 69	0%	121	121	121	01-Apr-2030	30-Jul-2030	0		
	Quarterly Report 70	0%	122	122	122	01-Jul-2030	30-Oct-2030	0		
	Semi- Annual Reports		11.94%	4993	5143	4397	01-Sep-2016 A	30-Sep-2030	456	
	Semi Annual Report 8		100%	4990	230	0	01-Sep-2016 A	18-Apr-2017 A		
	A3740	Develop Report 8	100%	181	181	0	01-Sep-2016 A	28-Feb-2017 A		
	A3750	Due to City Report 8	100%	0	0	0		23-Mar-2017 A		
	A3760	Due to EPA Report 8	100%	0	0	0		18-Apr-2017 A		
	Semi Annual Report 9		100%	4821	245	0	01-Mar-2017 A	31-Oct-2017 A		
	A3770	Develop Report 9	100%	184	183	0	01-Mar-2017 A	31-Aug-2017 A		
	A3780	Due to City Report 9	100%	0	0	0		22-Sep-2017 A		
	A3790	Due to EPA Report 9	100%	0	0	0		31-Oct-2017 A		Resubmittal to EPA 10-31-17
	Semi Annual Report 10		100%	182	206	0	01-Sep-2017 A	25-Mar-2018 A		
	A3800	Develop Report 10	100%	181	192	0	01-Sep-2017 A	12-Mar-2018 A		
	A3810	Due to City Report 10	100%	0	0	0		19-Mar-2018 A		
	A3820	Due to EPA Report 10	100%	0	0	0		25-Mar-2018 A		
	Semi Annual Report 11		100%	187	187	0	28-Mar-2018 A	30-Sep-2018 A		
	A3830	Develop Report 11	100%	157	157	0	28-Mar-2018 A	31-Aug-2018 A		
	A3840	Due to City Report 11	100%	0	0	0		24-Sep-2018 A		
	A3850	Due to EPA Report 11	100%	0	0	0		30-Sep-2018 A		
	Semi Annual Report 12		7.58%	211	211	195	01-Sep-2018 A	30-Mar-2019	0	
	A3860	Develop Report 12	8.84%	181	181	165	01-Sep-2018 A	28-Feb-2019	0	
	A3870	Due to City Report 12	0%	0	0	0		25-Mar-2019*	0	
	A3880	Due to EPA Report 12	0%	0	0	0		30-Mar-2019*	0	
	Semi Annual Report 13		0%	214	214	214	01-Mar-2019	30-Sep-2019	0	
	Semi Annual Report 14		0%	212	212	212	01-Sep-2019	30-Mar-2020	0	
	Semi Annual Report 15		0%	214	214	214	01-Mar-2020	30-Sep-2020	0	
	Semi Annual Report 16		0%	211	211	211	01-Sep-2020	30-Mar-2021	0	
	Semi Annual Report 17		0%	214	214	214	01-Mar-2021	30-Sep-2021	0	
			Page 7 of 8							TASK filter: All Activities Progress Thru 17-Sep-2018

97348 - Jackson Compliance Schedule		Jackson Schedule Layout								20-Sep-2018
Activity ID	Activity Name	% Comp	OD	@ Comp Dur	RD	Start	Finish	Total Float	Comments	
	Semi Annual Report 18	0%	211	211	211	01-Sep-2021	30-Mar-2022	0		
	Semi Annual Report 19	0%	214	214	214	01-Mar-2022	30-Sep-2022	0		
	Semi Annual Report 20	0%	211	211	211	01-Sep-2022	30-Mar-2023	0		
	Semi Annual Report 21	0%	214	214	214	01-Mar-2023	30-Sep-2023	0		
	Semi Annual Report 22	0%	212	212	212	01-Sep-2023	30-Mar-2024	0		
	Semi Annual Report 23	0%	214	214	214	01-Mar-2024	30-Sep-2024	0		
	Semi Annual Report 24	0%	211	211	211	01-Sep-2024	30-Mar-2025	0		
	Semi Annual Report 25	0%	214	214	214	01-Mar-2025	30-Sep-2025	0		
	Semi Annual Report 26	0%	211	211	211	01-Sep-2025	30-Mar-2026	0		
	Semi Annual Report 27	0%	214	214	214	01-Mar-2026	30-Sep-2026	0		
	Semi Annual Report 28	0%	211	211	211	01-Sep-2026	30-Mar-2027	0		
	Semi Annual Report 29	0%	214	214	214	01-Mar-2027	30-Sep-2027	0		
	Semi Annual Report 30	0%	212	212	212	01-Sep-2027	30-Mar-2028	0		
	Semi Annual Report 31	0%	214	214	214	01-Mar-2028	30-Sep-2028	0		
	Semi Annual Report 32	0%	211	211	211	01-Sep-2028	30-Mar-2029	0		
	Semi Annual Report 33	0%	214	214	214	01-Mar-2029	30-Sep-2029	0		
	Semi Annual Report 34	0%	211	211	211	01-Sep-2029	30-Mar-2030	0		
	Semi Annual Report 35	0%	214	214	214	01-Mar-2030	30-Sep-2030	0		
Annual Reports		10.94%	5174	5538	4608	01-Mar-2016 A	29-Apr-2031	245		
Annual Report 4		100%	5174	428	0	01-Mar-2016 A	02-May-2017 A			
A4580	Develop Report 4	100%	365	365	0	01-Mar-2016 A	28-Feb-2017 A			
A4590	Due to City Report 4	100%	0	0	0		24-Apr-2017 A			
A4600	Due to EPA Report 4	100%	0	0	0		02-May-2017 A			
Annual Report 5		100%	4816	425	0	01-Mar-2017 A	29-Apr-2018 A			
A4610	Develop Report 5	100%	365	395	0	01-Mar-2017 A	30-Mar-2018 A			
A4620	Due to City Report 5	100%	0	0	0		23-Apr-2018 A			
A4630	Due to EPA Report 5	100%	0	0	0		29-Apr-2018 A			
Annual Report 6		43.04%	395	395	225	31-Mar-2018 A	29-Apr-2019	0		
A4640	Develop Report 6	50.75%	335	335	165	31-Mar-2018 A	28-Feb-2019	0		
A4650	Due to City Report 6	0%	0	0	0		22-Apr-2019*	0		
A4660	Due to EPA Report 6	0%	0	0	0		29-Apr-2019*	0		
Annual Report 7		0%	426	426	426	01-Mar-2019	29-Apr-2020	0		
Annual Report 8		0%	425	425	425	01-Mar-2020	29-Apr-2021	0		
Annual Report 9		0%	425	425	425	01-Mar-2021	29-Apr-2022	0		
Annual Report 10		0%	425	425	425	01-Mar-2022	29-Apr-2023	0		
Annual Report 11		0%	426	426	426	01-Mar-2023	29-Apr-2024	0		
Annual Report 12		0%	425	425	425	01-Mar-2024	29-Apr-2025	0		
Annual Report 13		0%	425	425	425	01-Mar-2025	29-Apr-2026	0		
Annual Report 14		0%	425	425	425	01-Mar-2026	29-Apr-2027	0		
Annual Report 15		0%	426	426	426	01-Mar-2027	29-Apr-2028	0		
Annual Report 16		0%	425	425	425	01-Mar-2028	29-Apr-2029	0		
Annual Report 17		0%	425	425	425	01-Mar-2029	29-Apr-2030	0		
Annual Report 18		0%	425	425	425	01-Mar-2030	29-Apr-2031	0		
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Appendix A

Flow Monitor Summary Data

SECTION FIVE – SUMMARY **March 2018**

This section contains a table that summarizes key aspects of the data collected at each flow monitoring location for this month.

Overview: During the past month the following rainfall totals were recorded: RG 1 – 6.80 inches, RG 2 – 6.62 inches, RG 3 – 7.29 inches and RG 4 – 7.33 inches. ****Notes:** 1. WBI-12 has been down since January 17. New sensors have been ordered and should arrive shortly. Estimated data based on balancing with upstream and downstream sites is provided here.

Sitename	MH ID	Diameter (in)	Average Daily Flow (MGD)	Maximum Daily Flow (MGD)	Monthly Total Flow (mg)	Peak Depth (in)
WBI 1	IT0171	48	4.83	7.72	149.64	102
WBI 2	PL0544	15	Removed			
WBI 3	IT0156	48	6.10	10.82	188.71	95
WBI 4	IT0140	54	8.44	12.51	261.20	108
WBI 5	PL0028	36	0.63	0.86	19.63	102
WBI 5A	PL0167	30	1.61	2.68	49.84	99
WBI 5B	PL0079	30	0.35	0.56	10.72	85
WBI 6	HM0606	48	2.45	4.45	75.89	102
WBI 7	IT0123	48	12.46	19.09	385.75	97
WBI 8	IT0123	12	Removed			
WBI 9	HM0100A	11	0.13	0.24	3.97	5
WBI 10	EA0002	17	0.57	1.16	17.78	51
WBI 12	IT0085	54	**15.81**	**22.93**	**489.73**	
WBI 13	EU0068	30	2.28	3.81	70.64	157
WBI 14	BH0221	30	1.86	2.36	57.64	12
WBI 15	BH0138	27	0.48	1.11	14.73	10
WBI 16	BH0074T	12	0.05	0.15	1.61	11
WBI 17	BH0074A	15	0.73	0.90	22.72	13
WBI 18	IT0055	66	29.24	41.04	905.31	123
WBI 19	IT0047	15	Removed			
WBI 20	IT0038	66	31.92	45.08	988.16	128
WBI 21	TN4131	24	0.38	0.78	11.74	12
WBI 22	TN4017	54	4.00	8.61	123.74	74
WBI 23	TN4006	11	Removed			
WBI 24	TN40006	48	3.14	6.18	97.17	29
WBI 25	LY0008	48	4.76	10.44	147.27	64
WBI 25 A	LY0039	48	0.37	1.62	11.36	12
WBI 26	IT0019	96	46.65	72.09	1443.36	170
WBI 27	TM0007A	24	0.72	1.68	22.33	23
WBI 28	HC0005A	37	1.07	2.30	33.10	11
WBI 29	IT0001	102	50.68	78.15	1569.04	215
CY 4	CY0280	42	4.74	15.88	146.81	43
HM 1	HM0632	24	0.98	1.29	30.24	120
TR 1	TR0050	42	1.87	4.09	57.81	34

SECTION FIVE – SUMMARY April 2018

This section contains a table that summarizes key aspects of the data collected at each flow monitoring location for this month.

Overview: During the past month the following rainfall totals were recorded: RG 1 – 8.04 inches, RG 2 – 8.84 inches, RG 3 – 8.05 inches and RG 4 – 8.88 inches. ****Notes:** 1. WBI-12 has been down since January 17. New sensors were installed on May 2. Estimated data for April based on balancing with upstream and downstream sites is provided here.

Sitename	MH ID	Diameter (in)	Average Daily Flow (MGD)	Maximum Daily Flow (MGD)	Monthly Total Flow (mg)	Peak Depth (in)
WBI 1	IT0171	48	4.77	7.74	142.97	115
WBI 2	PL0544	15	Removed			
WBI 3	IT0156	48	6.25	10.48	187.41	100
WBI 4	IT0140	54	8.35	11.94	250.40	118
WBI 5	PL0028	36	0.80	1.10	23.91	109
WBI 5A	PL0167	30	1.33	2.27	40.01	103
WBI 5B	PL0079	30	0.34	0.66	10.24	96
WBI 6	HM0606	48	2.64	4.62	79.10	108
WBI 7	IT0123	48	13.03	19.91	390.79	102
WBI 8	IT0123	12	Removed			
WBI 9	HM0100A	11	0.11	0.23	3.43	4
WBI 10	EA0002	17	0.52	0.91	15.70	64
WBI 12	IT0085	54	**16.06**	**23.23**	**481.92**	
WBI 13	EU0068	30	2.22	4.27	66.57	162
WBI 14	BH0221	30	1.65	2.45	49.53	18
WBI 15	BH0138	27	0.45	1.08	13.52	10
WBI 16	BH0074T	12	0.08	0.33	2.43	73
WBI 17	BH0074A	15	0.89	1.24	26.65	89
WBI 18	IT0055	66	26.48	36.81	794.53	175
WBI 19	IT0047	15	Removed			
WBI 20	IT0038	66	28.79	40.17	862.17	221
WBI 21	TN4131	24	0.35	0.74	10.34	32
WBI 22	TN4017	54	3.91	15.56	117.25	184
WBI 23	TN4006	11	Removed			
WBI 24	TN40006	48	3.35	7.97	100.59	108
WBI 25	LY0008	48	3.74	10.93	112.31	177
WBI 25 A	LY0039	48	0.45	2.73	13.52	84
WBI 26	IT0019	96	44.93	79.32	1347.82	244
WBI 27	TM0007A	24	0.94	2.17	28.24	24
WBI 28	HC0005A	37	1.04	3.58	31.33	144
WBI 29	IT0001	102	50.25	90.64	1507.55	244
CY 4	CY0280	42	4.55	14.10	136.60	74
HM 1	HM0632	24	1.11	1.46	33.15	125
TR 1	TR0050	42	1.90	4.52	56.98	31

SECTION FIVE – SUMMARY May 2018

This section contains a table that summarizes key aspects of the data collected at each flow monitoring location for this month.

Overview: During the past month the following rainfall totals were recorded: RG 1 – 2.44 inches, RG 2 – 5.64 inches, RG 3 – 3.70 inches and RG 4 – 4.90 inches. ****Notes:** 1. New sensors were installed at WBI-12 on May 2.

Sitename	MH ID	Diameter (in)	Average Daily Flow (MGD)	Maximum Daily Flow (MGD)	Monthly Total Flow (mg)	Peak Depth (in)
WBI 1	IT0171	48	4.20	7.07	130.07	86
WBI 2	PL0544	15	Removed			
WBI 3	IT0156	48	5.16	8.43	160.01	81
WBI 4	IT0140	54	6.97	9.67	215.94	98
WBI 5	PL0028	36	0.69	0.92	21.37	86
WBI 5A	PL0167	30	1.37	2.12	42.61	70
WBI 5B	PL0079	30	0.31	0.49	9.62	68
WBI 6	HM0606	48	2.38	4.12	73.65	90
WBI 7	IT0123	48	10.97	15.60	340.11	79
WBI 8	IT0123	12	Removed			
WBI 9	HM0100A	11	0.11	0.16	3.51	5
WBI 10	EA0002	17	0.46	0.81	14.27	20
WBI 12	IT0085	54	**13.48**	**19.19**	**404.21**	82
WBI 13	EU0068	30	1.76	2.77	54.47	130
WBI 14	BH0221	30	1.51	1.84	46.93	10
WBI 15	BH0138	27	0.40	0.56	12.28	9
WBI 16	BH0074T	12	0.05	0.16	1.67	10
WBI 17	BH0074A	15	0.90	1.05	27.79	7
WBI 18	IT0055	66	24.34	31.15	754.60	90
WBI 19	IT0047	15	Removed			
WBI 20	IT0038	66	26.38	33.97	817.82	117
WBI 21	TN4131	24	0.34	0.47	10.67	11
WBI 22	TN4017	54	2.22	4.97	68.70	67
WBI 23	TN4006	11	Removed			
WBI 24	TN40006	48	2.41	4.27	74.78	26
WBI 25	LY0008	48	2.92	5.75	90.54	46
WBI 25 A	LY0039	48	0.25	0.72	7.76	12
WBI 26	IT0019	96	37.69	51.39	1168.48	189
WBI 27	TM0007A	24	0.66	1.23	20.39	19
WBI 28	HC0005A	37	0.77	0.97	23.75	13
WBI 29	IT0001	102	42.66	54.71	1322.34	242
CY 4	CY0280	42	2.52	6.18	77.82	33
HM 1	HM0632	24	0.98	1.23	30.48	94
TR 1	TR0050	42	1.68	2.53	51.92	19

SECTION FIVE – SUMMARY June 2018

This section contains a table that summarizes key aspects of the data collected at each flow monitoring location for this month.

Overview: During the past month the following rainfall totals were recorded: RG 1 – 1.88 inches, RG 2 – 2.06 inches, RG 3 – 1.30 inches and RG 4 – 2.50 inches.

Sitename	MH ID	Diameter (in)	Average Daily Flow (MGD)	Maximum Daily Flow (MGD)	Monthly Total Flow (mg)	Peak Depth (in)
WBI 1	IT0171	48	4.42	6.78	132.55	36
WBI 2	PL0544	15	Removed			
WBI 3	IT0156	48	5.07	7.42	152.01	33
WBI 4	IT0140	54	7.16	9.88	214.81	42
WBI 5	PL0028	36	0.67	0.75	20.19	25
WBI 5A	PL0167	30	1.32	1.47	39.48	18
WBI 5B	PL0079	30	0.30	0.35	8.84	15
WBI 6	HM0606	48	2.39	3.39	71.76	38
WBI 7	IT0123	48	10.98	14.27	329.27	40
WBI 8	IT0123	12	Removed			
WBI 9	HM0100A	11	0.09	0.12	2.54	4
WBI 10	EA0002	17	0.37	0.51	11.18	13
WBI 12	IT0085	54	12.91	15.64	387.19	62
WBI 13	EU0068	30	1.95	2.99	58.47	101
WBI 14	BH0221	30	1.43	1.69	42.98	9
WBI 15	BH0138	27	0.39	0.55	11.70	9
WBI 16	BH0074T	12	0.04	0.07	1.13	8
WBI 17	BH0074A	15	0.97	1.07	29.01	6
WBI 18	IT0055	66	22.79	26.19	683.64	61
WBI 19	IT0047	15	Removed			
WBI 20	IT0038	66	25.87	30.26	776.14	66
WBI 21	TN4131	24	0.43	0.55	12.91	9
WBI 22	TN4017	54	1.80	2.48	53.91	29
WBI 23	TN4006	11	Removed			
WBI 24	TN40006	48	2.19	2.96	65.79	20
WBI 25	LY0008	48	2.68	3.60	80.28	24
WBI 25 A	LY0039	48	0.19	0.30	5.69	7
WBI 26	IT0019	96	37.50	44.30	1124.99	147
WBI 27	TM0007A	24	0.55	0.63	16.49	16
WBI 28	HC0005A	37	0.65	0.74	19.48	6
WBI 29	IT0001	102	41.09	49.56	1231.71	238
CY 4	CY0280	42	2.43	4.02	72.93	28
HM 1	HM0632	24	0.97	1.17	29.14	33
TR 1	TR0050	42	1.47	1.93	43.97	21

SECTION FIVE – SUMMARY July 2018

This section contains a table that summarizes key aspects of the data collected at each flow monitoring location for this month.

Overview: During the past month the following rainfall totals were recorded: RG 1 – 7.95 inches, RG 2 – 6.78 inches, RG 3 – 5.88 inches and RG 4 – 5.48 inches.

Sitename	MH ID	Diameter (in)	Average Daily Flow (MGD)	Maximum Daily Flow (MGD)	Monthly Total Flow (mg)	Peak Depth (in)
WBI 1	IT0171	48	4.24	5.61	131.29	86
WBI 2	PL0544	15	Removed			
WBI 3	IT0156	48	5.10	7.02	158.10	90
WBI 4	IT0140	54	7.30	9.48	226.31	107
WBI 5	PL0028	36	0.72	1.18	22.28	94
WBI 5A	PL0167	30	1.38	2.01	42.78	81
WBI 5B	PL0079	30	0.33	0.80	10.10	77
WBI 6	HM0606	48	2.75	4.47	85.36	98
WBI 7	IT0123	48	11.72	16.72	363.40	84
WBI 8	IT0123	12	Removed			
WBI 9	HM0100A	11	0.07	0.13	2.19	4
WBI 10	EA0002	17	0.41	0.76	12.74	25
WBI 12	IT0085	54	13.51	19.57	418.66	100
WBI 13	EU0068	30	1.94	3.09	60.25	148
WBI 14	BH0221	30	1.15	1.35	35.61	10
WBI 15	BH0138	27	0.43	0.68	13.43	10
WBI 16	BH0074T	12	0.05	0.12	1.46	13
WBI 17	BH0074A	15	0.64	0.76	19.27	31
WBI 18	IT0055	66	21.25	31.14	658.58	117
WBI 19	IT0047	15	Removed			
WBI 20	IT0038	66	24.16	34.98	749.00	144
WBI 21	TN4131	24	0.44	0.74	13.47	13
WBI 22	TN4017	54	1.84	4.41	57.06	96
WBI 23	TN4006	11	Removed			
WBI 24	TN40006	48	2.93	6.05	90.66	30
WBI 25	LY0008	48	2.45	4.19	76.02	82
WBI 25 A	LY0039	48	0.22	0.76	6.83	13
WBI 26	IT0019	96	36.65	56.68	1136.00	215
WBI 27	TM0007A	24	0.58	0.69	17.84	19
WBI 28	HC0005A	37	0.74	0.93	22.80	43
WBI 29	IT0001	102	40.89	62.82	1267.67	241
CY 4	CY0280	42	2.72	6.37	84.33	41
HM 1	HM0632	24	1.02	1.55	31.64	109
TR 1	TR0050	42	1.48	2.51	45.80	20

SECTION FIVE – SUMMARY **August 2018**

This section contains a table that summarizes key aspects of the data collected at each flow monitoring location for this month.

Overview: During the past month the following rainfall totals were recorded: RG 1 – 5.07 inches, RG 2 – 5.47 inches, RG 3 – 3.00 inches and RG 4 – 3.05 inches.

Sitename	MH ID	Diameter (in)	Average Daily Flow (MGD)	Maximum Daily Flow (MGD)	Monthly Total Flow (mg)	Peak Depth (in)
WBI 1	IT0171	48	3.85	5.27	119.26	64
WBI 2	PL0544	15	Removed			
WBI 3	IT0156	48	4.47	6.30	138.62	75
WBI 4	IT0140	54	6.96	9.49	215.66	91
WBI 5	PL0028	36	0.72	1.14	22.17	80
WBI 5A	PL0167	30	1.56	2.45	48.22	66
WBI 5B	PL0079	30	0.37	0.86	11.35	64
WBI 6	HM0606	48	2.71	3.72	83.98	87
WBI 7	IT0123	48	11.56	15.61	358.31	88
WBI 8	IT0123	12	Removed			
WBI 9	HM0100A	11	0.06	0.11	1.80	4
WBI 10	EA0002	17	0.38	0.62	11.63	48
WBI 12	IT0085	54	13.35	18.05	413.79	114
WBI 13	EU0068	30	2.10	3.56	65.07	149
WBI 14	BH0221	30	1.08	1.29	33.52	11
WBI 15	BH0138	27	0.54	0.81	16.65	10
WBI 16	BH0074T	12	0.04	0.10	1.30	17
WBI 17	BH0074A	15	0.66	0.76	20.59	5
WBI 18	IT0055	66	20.48	25.82	634.98	88
WBI 19	IT0047	15	Removed			
WBI 20	IT0038	66	22.82	27.57	707.27	75
WBI 21	TN4131	24	0.45	0.57	13.82	11
WBI 22	TN4017	54	1.78	3.41	55.31	24
WBI 23	TN4006	11	Removed			
WBI 24	TN40006	48	3.08	4.18	95.43	27
WBI 25	LY0008	48	2.76	4.19	85.41	26
WBI 25 A	LY0039	48	0.19	0.44	5.74	12
WBI 26	IT0019	96	34.84	42.43	1079.91	128
WBI 27	TM0007A	24	0.50	0.60	15.54	17
WBI 28	HC0005A	37	0.75	0.91	23.11	7
WBI 29	IT0001	102	39.14	47.71	1213.41	199
CY 4	CY0280	42	2.31	4.21	71.69	28
HM 1	HM0632	24	0.90	1.29	27.76	104
TR 1	TR0050	42	1.43	1.89	44.17	17

Appendix B

SEP Escrow Deposit



Encrypted WebMail Application

Logged In: fyoung@city.jackson.ms.us

[Help](#)[Sign Out](#)[Home](#) [My Account](#)[View Message](#)[Reply](#)[Reply All](#)[Forward](#)

From: tmopswire@bxs.com
To: "fyoung@city.jackson.ms.us" <fyoung@city.jackson.ms.us>
Cc:
Subject: BXS_ENCRYPT [Cust Out Wire Advice - eMail] Message ID:180806142200H400 A
Code:OTCSADEM
Date: Monday, August 06, 2018 2:24:46 PM

From: BANCORPSOUTH BANK Wire Transfer Dept.

In accordance with your instructions, we have DEBITED your account: *****3550 for \$100,000.00.

If you have any questions, please contact your local branch.

Fed Reference #: 20180806MMQFMPF1000245

Sender Bank Information:

ABA #: 084201278
Bank Name: BANCORPSOUTH BANK

Receiving Bank Information:

ABA #: 065300279
Bank Name: TRUSTMARK NATIONAL

* * *

Originator Information:

Name: City of Jackson

Beneficiary Information:

Name: City of Jackson SEP Escrow Account
Acct #: *****3482

* * *

Beneficiary Bank:

Originator to Beneficiary Info: City of Jackson SEP Escrow Account # 17365

Bank to Bank information:

