

The City of

JACKSON



**SEMI ANNUAL
REPORT NO. 9**

MARCH 2017 THROUGH AUGUST 2017

Department of Public Works
Consent Decree Program

City of Jackson
Wastewater Consent Decree Program

Semi-Annual Report No. 9
March 2017 through August 2017

September 30, 2017
Resubmitted with Revisions - October 31, 2017

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

Department of Public Works



200 South President Street
Post Office Box 17
Jackson, Mississippi 39205-0017

October 31, 2017

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

Re: DOJ No. 90-5-1-1-09841

Re: City of Jackson, Mississippi, EPA Consent Decree
Semi-Annual Report No. 9 - Resubmittal

Dear Mr. Ammons:

Please find attached a re-submittal of the referenced report for the City of Jackson's Consent Decree Program. As was stated in the report originally submitted on September 30, 2017, this re-submittal revises some of the future work activities that were planned based on our current revenue projections. We would like to meet with you in Atlanta, at your earliest convenience, to discuss the contents of the report and discuss how Jackson can move forward on the Program.

As you may be aware, we have a new leadership team in Jackson. In the past 100 days we have installed a new Mayor, Chief Administrative Officer, Chief Financial Officer and Chief of Staff, as well as myself at Public Works. Our team is committed to moving the Program forward in a sustainable manner, and we look forward to the opportunity to discuss this report and future direction with you. We would plan to bring representatives of the City of Jackson as well as members of our Program Management Team to the meeting.

Please contact me directly (rmiller@jacksonms.gov; (601) 960-1178) should you have any questions or when you would like to schedule a meeting in Atlanta. Thank you for your consideration.

Sincerely,

A handwritten signature in blue ink that reads "Robert K. Miller".

Robert K. Miller
Director of Public Works

cc: Les Herrington, P.E. Mississippi Department of Environmental Quality
Bill Bush, USEPA
Karl J. Fingerhood, US Department of Justice

City of Jackson, Mississippi

Quarterly Report No. 18

July 2017 through September 2017

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

10/31/2017
Date


Robert K. Miller, Director
Department of Public Works

10/31/2017
Date

Semi-Annual Report No. 9

March 2017 through August 2017

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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 Compliance Statement

For the reporting period of March 1, 2017 through August 31, 2017, the City of Jackson, to the best of its knowledge, is in compliance with the requirements of the Consent Decree entered on March 1, 2013, with the exception of the late submittal of Semi-Annual Report 7, Quarterly Reports 14 and 15 and Annual Report 4.

2.0 Summary of Activities for the Reporting Period

The City selected and retained a new Program Management Team near the beginning of the reporting period. The new team began work by assessing current situation and ongoing activities, as well as 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 in compliance with the Consent Decree. Table 1 below table provides the status of implementation of the West Bank Interceptor Phase I Rehabilitation Plan. The Plan is on schedule.

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	Completed in 2015	Completed in 2015
2	IT0082-IT0098	Cleaning & Rehab	6,854	Completed in 2016	Completed in 2016
3	IT0098-IT0118	Cleaning & Rehab	7,428	2022	Construction complete August 2017
4	IT0148-IT0171	Cleaning	9,537	2022	Planning in development.
5	IT0133-IT0148	Cleaning	8,443	2022	Planning in development.
6	IT0118-IT0133	Cleaning & Rehab	5,790	2022	Planning in development.
7	IT0035-IT0043	Cleaning & Rehab	4,729	2022	Planning in development.
8	TP0002-IT0002	Cleaning	1,568	2022	Future projects.
	IT0009-IT0012	Cleaning	1,087		
	IT0028-1T0029	Cleaning	724		

Work activities anticipated during the next reporting period:

- No projects anticipated. Potential projects will be evaluated based on availability of sufficient revenue.

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 for the completion 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.
- Appendix A provides a summary of the West Bank Interceptor Flow Meter data from March 2017 through August 2017, including rainfall data.

Work activities anticipated during the next reporting period:

- Continue Long Term Flow monitoring for I/I analysis.
- Continue bi-monthly review meetings
- CSL Services will complete an I/I analysis of data through 2016.

Data generated from the flow monitoring is reviewed on a regular basis by City 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.

The regular review and analysis of the flow monitoring data led to an investigation of major sewer lines in the Caney Creek sewershed and discovery of washout of a creek crossing.

2.1.1.2 West Bank Interceptor Condition Assessment

No assessment work was scheduled or conducted on the West Bank Interceptor during the reporting period. Other work related to the Prioritization Work Plan and other related activities is discussed in the following section.

2.1.2 Sewershed Prioritization Work Plan

The Consent Decree requires that within seven (7) months after the Date of Entry of this Consent Decree, the City shall submit to EPA for review and approval a Prioritization Work Plan which shall set forth the proposed locations selected, and proposed methodologies and criteria that the City will implement and use, to identify the severity of I/I within the WCTS, to map the Sewer System, to assess the capacity of WCTS, and to establish Sewershed priorities for further evaluation and rehabilitation of the WCTS pursuant to the

Sewershed Evaluation Plan and Evaluation Report/Rehabilitation Plan. Upon approval by EPA, the City shall implement the Prioritization Work Plan.

Work Activities for this period for the prioritization plan are:

- Completed construction of model base
- Completed rainfall, dry weather flow and wet weather flow analysis using United States Environmental Protection Agency’s Sanitary Sewer Overflow Analysis and Planning (SSOAP) toolbox for 35 of the 76 sub basins
- Imported model base into InfoWorks ICM SE.
- Completed Flow Analysis Technical Memorandum for 35 sub basins
- Completed Calibration and Verification Technical Memorandum for 35 sub basins
- Completed 18 of 20 planned pump station capacity assessments.

Work activities anticipated during the next reporting period:

- Anticipate completing the first round of capacity assessments of pump stations in support of the hydraulic model. LS 69 Siwell Rd. #1 and LS 80 Trahon Influent Pump Station were delayed due to maintenance issues at the time initial assessments were performed.
- Continue rainfall, dry weather flow and wet weather flow analysis using the SSOAP toolbox for only 4 of 12 Group 1 sewersheds. Flow analysis for 8 remaining Group 1 sewersheds will not be performed at this time due to revenue limitations.
- Develop Calibration and Verification Technical Memorandum for only 4 of 12 Group 1 sewersheds. Hydraulic model will not be calibrated and verified for 8 remaining Group 1 sewersheds at this time due to revenue limitations.
- Pump Station Capacity Assessments at 8 City pump stations located in 4 of 12 Group 1 sewersheds.

2.1.3 Sewershed Evaluation Plan

The Consent Decree requires that within twelve (12) months after the Date of Entry of this Consent Decree, 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 in order 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:

- Received seven (7) responses to the Request for Proposals (RFPs) for SSES work in Sewer Group 1 on July 18, 2017. Cost proposals for work exceeded estimate by 25%.
- Developed data collection protocols for SSES basin information – this activity approximately 80 percent complete at end of period.

Work activities anticipated during the next reporting period:

- Award contract to perform SSES work in only 4 of 12 Group 1 sewersheds. SSES work in 8 remaining Group 1 sewersheds will not be contracted at this time due to budget limitations.
- Issue Notice to Proceed to Contractor to perform SSES work in only 4 of 12 Group 1 sewersheds.
- Issue RFP for additional flow monitoring in support of the hydraulic model calibration and verification in only 4 of 12 Group 1 sewersheds. Anticipate issuing RFP in Q4 of 2017. Flow monitoring work in 8 remaining Group 1 sewersheds will not be contracted at this time due to revenue limitations.

2.2 Wastewater Treatment Facilities

2.2.1 Savanna WWTP Composite Correction Program (CCP)

The Consent Decree requires that within twelve (12) months after the approval of the CPE, the City shall submit to EPA for review and approval a CCP for the Savanna Street WWTP. 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 as more particularly described below. To the extent applicable, the CCP shall be consistent with the EPA publications Improving POTW Performance Using the Composite Correction Approach, EPA CERL, October 1984, and Retrofitting POTWs, EPA CERL, July 1989; and the most current edition of MDEQ's Guidance for the Design of Publicly Owned Wastewater Facilities. 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, as such terms are used in the above-referenced EPA publications and as further clarified below. 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”), necessary for the Savanna Street WWTP to meet the May 4, 2012 NPDES Permit effluent limits including nutrient limits. The CCP shall also include expeditious schedules for the implementation of such measures; provided, however, that all Type 1 and Type 2 measures shall be completed within twenty-four (24) months after EPA’s approval of the CCP and all Type 3 measures shall be completed within sixty (60) months after EPA’s approval of the CCP.

Work Activities for this period for this activity:

- Developed Draft Facilities Plan to address the identified Type 1 and Type 2 measures. Also developed SRF Loan application for these improvements over a two-year funding cycle.
- The City moved forward with project to address the needs at the Sludge Handling Facility through the Major Maintenance and Repair Allowance in the Veolia Operations contract.
 - Completed minor structural repairs and installed new metal siding on the Sludge Handling Facility.
 - Received approval from Entergy to extend the roof over the entire Sludge Storage pad.

Work activities anticipated during the next reporting period:

- Received comments from Intergovernmental Review Agencies prior to public hearing.
- Conducted Public Hearing on September 12, 2017.
- Incorporate public comments into Facilities Plan and submit Final Facilities Plan to MDEQ for approval by October 15, 2017 SRF deadline. Submittal was made on time to MDEQ
- Submit to EPA, new Program Manager’s findings from review of CCP prepared by others.
- Prepare conceptual design of Type 1 and Type 2 plant repairs.
- Prepare RFP for selection of design consultant to prepare design contract documents for Type 1 & Type 2 repairs.
- Sludge Handling Facility – construction of sludge storage area improvements project will proceed under Veolia R&R Contract.
- RAS Pump Station – Replacement of RAS suction header in pump station will proceed under Veolia R&R Contract.

2.2.2 Savannah WWTP Storm Cell Sludge Disposal

The Consent Decree requires that as set forth in Section 2.D of the MDEQ Agreed Order I, the City has agreed to implement a Sludge and Solids Removal Plan that provides for the removal and proper disposal of excess, accumulated sludge/solids from the Savannah Street WWTP storm diversion cells. The Parties agree that the City shall implement the Sludge and Solids Removal Plan as an enforceable obligation under this Consent Decree. 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".

Work Activities for this period for this activity:

As of the first week of August 2017, disposal of all material from the eastern half of the Cell 6 was completed. For this six-month reporting period, a total of 18,384.7 tons of solids were disposed offsite. The Table below summarizes the cumulative progress of the solids disposal operations through the end of August 2017.

Cumulative Solid Quantities Data as of August 31, 2017

Biosolids Disposal Data		Quantity, wet tons	Percentage, %	Total Quantity, Wet Tons
Quantity Totals Data as of END OF PERIOD	Material disposed of via land application:	37,409.9	60%	61,978.9
	Material disposed of via landfill:	24,569.0	40%	

At the conclusion of this reporting period, **65.2%** of the revised estimated total quantity of material has been disposed; of which, **60%** was disposed via land application and **40%** disposed via landfilling. From project's start through August 31, 2017, of the total **218** geotextile tubes used for dewatering and temporary storage of material, the solids from **137** geotextile tubes have been removed and disposed of offsite. Breaking out data for only this reporting period, solids from **39** geotextile tubes were removed and disposed. As of September 1, 2017, solids contained within **81** geotextile tubes remain in Cell 6 for removal and disposal by the project's completion date.

Geotextile Tube Data

Geotextile Tubes Disposal Data	Number of Geotextile Tubes
Total to be disposed at start of project	218
Total disposed for this period	39

Cumulative total disposed as of period's end	137
Total remaining for completion	81

Regarding the permitting process, permits for land application sites in Hinds County, Mississippi, which are expected to be utilized for a majority of the remaining solids disposal, received final approval from MDEQ.

Work activities anticipated during the next reporting period:

- Complete bio-solids disposal operations by December 31, 2017.

2.3 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. One of the reporting requirements of the Annual Report as outlined in the Consent Decree Section IX, D ¶ 57 (i) requires “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.”

The following sections briefly address CMOM activities for the reporting period. A more robust discussion of these activities is included in the Annual Report for the period March 2016 through February 2017.

2.3.1 Capacity Assurance Program (CAP)

Work Activities for this period for this activity:

- Developed and submitted interim Capacity Assurance Program on August 31, 2017.
- Continued hydraulic model development.

Work activities anticipated during the next reporting period:

- Hydraulic model development will be completed in 4 Group 1 sewersheds (TN04, TN10, WBI22, and WBI25). Hydraulic model development will not be completed at this time for the entire collection system due to budget limitations.
- Address EPA/MDEQ review comments on interim Capacity Assurance Program (CAP). An updated CAP will not be completed and submitted to EPA until after completion of collection system hydraulic model. This will need to be discussed further with EPA and MDEQ.

2.3.2 Training Program

Significant milestones reached this period for this activity:

- Training Coordinator has now been in place for 18 months and the program continues to develop.
- Training scheduling has been impacted by vacancies and workload requirements of the Public Works Department.
- Training coordinator has started implementation of a new, online, Learning Management System (LMS). This was launched in March 2017.
- The Litmos training learning management system has been fully implemented, and we are in the process of working on utilizing it to its full potential. There is a total of 37 active training courses that have been populated into the software as of now and more courses being designed for placement into the software in the near future. All employees or their managers have been given user id and password information and have full access to all related courses available in the system with a number of courses already assigned.
- Training courses can be taken online through a computer, tablet or smartphone. This may help mitigate the time and availability obstacles of the current staffing issues.
- Veolia, the City's Contract Operator for the treatment facilities and lift stations conducted the required training for their employees.

Work activities anticipated during the next reporting period:

- Continue to develop training objectives for each employee.
- Review Training program objectives and propose amendment as necessary.

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 #15, #16, and # 17

Work activities anticipated during the next reporting period:

- Prepare and submit Quarterly Reports #18 and #19.
- 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
- QA/QC SSO data from March 2016 through February 2018 in preparation for Annual Report #5.
- Map locations with multiple SSO occurrences for inspection.
- Review locations with multiple SSO occurrences and determine needs.
- Conduct annual Program review in conjunction with the new Program Management Team.
- Schedule follow-up training sessions facilitated by the Training Coordinator.

2.3.4 Interjurisdictional Agreement Program

Work Activities for this period for this activity:

- EPA approved Program on August 26, 2016.
- No action has been required yet for this Program.

Work activities anticipated during the next reporting period:

- Implement Program procedures when required.

2.3.5 Private Lateral Program

Work Activities for this period for this activity:

- No progress was made in the reporting period on the Private Lateral Program due to staffing issues.
- Developed draft changes/updates to Sewer Use Ordinance for review and approval of City Council to ensure alignment with the Program.

Work activities anticipated during the next reporting period:

- No activity is planned to further implement the City's Private Lateral Program due to revenue limitations. The Program will be implemented when funding becomes available.

2.3.6 Water Quality Monitoring Program

Work Activities for this period for this activity:

- Second Re-submittal of the Water Quality Monitoring Program documents to EPA on August 4, 2017.

Work activities anticipated during the next reporting period:

- Awaiting EPA approval of program submitted to EPA on August 4, 2017.

2.3.7 Pump Station Operations Program

Work Activities for this period for this activity:

- New contract operator (Veolia) took over operation of treatment plants and pump stations in December 2016 - Their contract requires compliance with approved Pump Station Operations Program.

Work activities anticipated during the next reporting period:

- Emergency generator connections and transfer switches will be provided at select (mostly larger) pump stations under Veolia's R&R contract.
- Bypass pumping connections will be provided at select pump stations under Veolia's R&R contract. Smaller pump stations that can be serviced with a vactor truck during outages will generally not be equipped with connections.
- Review 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:

- Only minor progress was made in the previous year on the FOG program due to staffing issues.
- The Program Manager was authorized in August to begin implementation of the program.

Work activities anticipated during the next reporting period:

- Rollout of FOG program to public during next reporting period. This will be accomplished through utilization of Program Management staff for the initial stages of the Program.
- Present proposed changes to the Sewer Use Ordinance related to FOG, to the City Council for adoption.
- Train supervisors and inspectors in required field and data management activities.
- Update City's food service establishment database.
- Develop a data management system for FOG Program and integrate into CityWorks, or similar system.

2.3.9 Pump Station Preventative Maintenance Program

Work Activities for this period for this activity:

- Veolia (Contract Operator) issued a Notice to Proceed to two (2) engineering firms to begin design for the following pump stations:
 - Western Hills
 - Whitestone

Due to funding limitations in FY 2017, design packages for the two (2) remaining pump stations will be after the new budget year begins October 1, 2017

Work activities anticipated during the next reporting period:

- Design Services Agreements will be issued under Veolia's R&R contract for pump station improvements. Western Hills and Whitestone pump stations have begun design. Windsor Road and Forest Avenue will begin design in Q4 of 2017 under FY18 Veolia R&R Contract.
- Both Western Hills and Windsor Road had been noted in a previous meeting of February 24, 2016 with EPA as being in design stage, but that was not the case.
- Review 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:

- Activities have been adversely affected by staffing levels during the past year.

- Completed West Bank Rehabilitation Project Contract Number 3.
- Completed the following Collection System Emergency Repair/Replacement projects:
 - Bailey Avenue 180 l.f. \$ 234,050
 - Longwood Dr. 120 l.f. \$ 297,295
 - West St. 600 l.f. \$ 675,718
 - North St 2,700 l.f. \$1,250,624
 - Winchester St. 300 l.f. \$ 159,170

Work activities anticipated during the next reporting period include:

- City will issue an RFP to hire outside Contractor(s) to clean sewers and inspect sewer manholes in support of City forces. This contract(s) will be issued based on the availability of funds.
- Conduct Program review to identify areas of improvement and, if necessary, request Program amendment approval from USEPA.
- Continue to hire sewer maintenance staff to fill open positions based on available budget.
- Evaluate cost-effectiveness of repairing inoperable Vector Trucks versus the purchase of new trucks and proceed based on findings and available budget.
- Conduct Program review to identify areas of improvement and, if necessary, request Program amendment approval from USEPA.
- Complete the following Collection System Emergency Repair/Replacement projects:
 - Woodland Cr. 700 l.f. \$ 297,920
 - Medgar Evers Blvd 70 l.f. \$ 311,005

2.3.11 WWTP Operations and Maintenance Program

Work Activities for this period for this activity:

- New contract operator (Veolia) took over operation of treatment plants and pump stations in December 2016 - Their contract requires compliance with approved WWTP Operations and Maintenance Program

- Veolia is providing additional training for their staff on the use of the ERPortal CMMS system to ensure uniformity in data collection and analysis.
- Monthly meetings being held with City, Veolia and Program Management staff to review operations and maintenance activities and discuss any issues.

Work activities anticipated during the next reporting period:

- Review program metrics, monitor Veolia's implementation of program, and review monthly operations reports and rehabilitation plans.

2.3.12 Financing and Cost Analysis Program

Work Activities for this period for this activity:

- Submitted Program documents to EPA on September 15, 2014.
- Program documents were returned to the City on March 30, 2017. EPA has asked the City to review the document and request a schedule for re-submittal if they desire to make revisions.
- City requested 6-month period to review and re-submit the Program. New submittal due date is February 8, 2018.

Work activities anticipated during the next reporting period:

- Review Program documents and revise as the City deems appropriate.
- Resubmit to EPA by February 8, 2018 for approval.

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. Certain components of the WCTS Evaluation Plan required by Section VIII of the Consent Decree will assist the City in identifying defective Private Laterals in need of repair or replacement and illicit connections to the WCTS.

Based on EPA's return of this report three (3) months after the original submission, this resubmittal summarizes activities on the SEP through June 2017.

- SEP Participates homes that have been completed - 9.
- SEP Participants whose construction costs have been approved -2.
- SEP Participants that have been approved for lateral investigative services but awaits contractor to begin work – 8.
- SEP Participants prepared to be approved for lateral investigative services – 14.

The City performed outreach services in various city and community organizations that yield several qualified applicants and is expected to secure approximately 60 more in the next 90 days.

- Visited and provided SEP packets to the City of Jackson six Human and Cultural Centers Senior Citizens Programs.
- Visited and provided SEP packets to four Home Owners Associations.
- Visited and provided SEP packets to eight local church outreach programs.
- Visited and provided SEP packets to 80 residences that have defective laterals.
- Visited and provided SEP packets to the City's only community based retail and outpatient medical center known as Jackson Medical Mall.
- Visited and delivered 120 applications to residences in Wards 2, 3, 4, 5, 6, and 7. We await their completion and submittals. We are also revising the card stock SEP "green flyer" to reflect the new Mayor's name and possibly some minor improvements.

A Request for Qualifications (RFQ) packet has been submitted to the City to advertise for additional plumbing contractors to increase construction activity and address the existing SEP participants lateral repairs or replacement. The City anticipates setting an ad date mid-September 2017. Getting more qualified plumbers on the program is essential to speeding up the work flow of lateral repairs.

2.5 Program Management Activities

Work Activities for this period for this activity:

- Evaluated IT systems including, CityWorks, GIS and CMMS programs for integration into the data management system for the program.

- Began work on Financial Capability Analysis and Integrated Financial Plan.
- Met with EPA on July 24 to discuss Consent Decree Program progress.
- Submitted Quarterly, Semiannual and Annual regulatory reports.
- Provided overall program administration.
- Reviewed operations and maintenance reports for the City's Contract Operator on pump stations and treatment plants.
- Began development of document management system.
- Worked to coordinate and integrate Consent Decree Projects with other City Projects.
- Began review of CCP Report prepared by other.
- Issued RFPs and received proposals for SSES work in three contract groups.

Work activities anticipated during the next reporting period:

- Further implementation of CityWorks CMMS system and integration of CMMS with GIS data.
- Meet with EPA and MDEQ to discuss City budget limitations and need for Consent Decree Modification to establish a sustainable program.
- Continue discussions with West Rankin Utility Authority regarding City serving them as a satellite customer.
- Continued development of a workforce development program for City's Public Works Department.
- Completion of an updated financial capabilities assessment and integrated financial plan.
- 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.

Activity ID	Activity Name	% Comp	OD	@ Dur	RD	Start	Finish	Total Float	Comments
97348 - Jackson Compliance Schedule									
Phase Approach for WCTS Evaluation and Rehabilitation									
A1000	Develop Work Plan	100%	320	442	0	01-Apr-2013 A	17-Jun-2014 A	305	
MS1	Submit West Bank Interceptor Work Plan (8-1-13)	100%	0	0	0	01-Apr-2013 A	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									
A1010	West Bank Interceptor Rehabilitation Plan (Summary)	100%	1230	1273	0	01-Apr-2014 A	25-Sep-2017	5210	
WBI Flow Monitoring									
A1020	WBI Flow Monitoring	100%	730	730	0	01-Apr-2014 A	31-Mar-2016 A		
Inspection and Structural Evaluation of West Bank Interceptor									
A1030	Procure	100%	730	730	0	01-Apr-2014 A	31-Mar-2016 A		
A1300	Inspections	100%	1065	488	0	01-May-2014 A	31-Aug-2015 A		
Flow Data and Structural Evaluation Analysis									
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 Rehabilitation Plan									
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	01-Mar-2016 A	01-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									
A1060	West Bank Interceptor Facilities Plan & SRF Application (Summary)	0%	0	0	0	25-Sep-2017	25-Sep-2017	0	City Decided not to develop FP or seek SRF Funds
WBI Yearly Flow Monitoring									
A1750	WBI Flow Monitoring (Ongoing)	10.79%	5024	5024	4482	01-Jan-2030	01-Jan-2030	728	
West Bank Interceptor Rehabilitation Design and Construction - Phase 1									
A1070	FP Phase 3 Contract 1 Construction	100%	416	416	0	10-Jun-2013 A	17-Jun-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									
A1090	FP Phase 4 Construction	100%	233	233	0	11-Apr-2016 A	30-Nov-2016 A		
Project 3 - MH IT0098-IT0118 Rehab									
A1100	FP Phase 5 Construction	100%	207	268	0	21-Nov-2016 A	15-Aug-2017 A		
Project 4 - MH IT0148-IT0171 Cleaning only									
A1110	Design	58.03%	579	1034	243	01-Feb-2016 A	30-Nov-2018	227	
A1120	Procure	0%	89	89	0	01-Feb-2016 A	30-Apr-2016 A		
A1130	Cleaning	0%	121	121	121	02-Apr-2018*	31-Jul-2018	227	
Project 5 - MH IT0183-IT0148 Cleaning only									
A1140	Design	0%	244	244	244	01-Dec-2018	01-Aug-2019	1079	
A1150	Procure	0%	122	122	122	01-Dec-2018	01-Dec-2018	227	
A1160	Cleaning	0%	122	122	122	02-Apr-2019	01-Apr-2019	1079	
Project 6 - MH IT018-IT0183 Rehab									
A1170	Design	0%	305	305	305	02-Mar-2019	31-Dec-2019	227	
A1180	Procure	0%	60	60	0	02-Mar-2019	02-Mar-2019	227	
A1190	Construction	0%	245	245	245	02-Mar-2019	31-Dec-2019	227	
Project 7 - MH IT0035-IT0043 Rehab									
A1200	Design	0%	520	520	520	01-Jul-2019	31-Dec-2020	227	
A1210	Procure	0%	154	154	154	31-Jul-2019	31-Dec-2019	227	
A1220	Construction	0%	121	121	121	01-Jan-2020	30-Apr-2020	227	
Project 8 - TP2-IT02, IT09-IT12, IT28-IT29 Cleaning only									
A1230	Construction	0%	245	245	245	01-May-2020	31-Dec-2020	227	
A1240	Construction	0%	334	334	334	01-Jan-2021	30-Nov-2021	227	

Activity ID	Activity Name	% Comp	OD	Comp Dur	RD	Start	Finish	Total Float	Comments
A1230	Design	0%	90	90	90	01-Jan-2021	31-Mar-2021	227	
A1240	Procure	0%	122	122	122	01-Apr-2021	31-Jul-2021	227	
A1250	Cleaning	0%	122	122	122	01-Aug-2021	30-Nov-2021	227	
West Bank Interceptor Activity Report - Phase 1									
A1351	Develop Report West Bank Interceptor Phase 1	0%	274	274	274	01-Dec-2021	31-Aug-2022	3408	
M53	Submit Report West Bank Interceptor Phase 1 (10-13-22)	0%	0	0	0	01-Dec-2021	28-Feb-2022	227	72 months after approval of EPA2
EPA3	EPA Review & Approval West Bank Interceptor	0%	184	184	184	01-Mar-2022	31-Aug-2022	3408	
West Bank Interceptor Design and Construction - Phase 2									
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									
A1360	Design	0%	549	549	549	01-Jul-2021	31-Dec-2022	2935	
A1370	Procure	0%	120	120	120	01-Jul-2021	31-Dec-2021	2935	
A1380	Construction	0%	245	245	245	01-May-2022	31-Dec-2022	2935	
Project 10 - MH TP02-IT0001 Rehab									
A1390	Design	0%	549	549	549	01-Jul-2022	31-Dec-2023	2570	
A1400	Procure	0%	184	184	184	01-Jul-2022	31-Dec-2022	2570	
A1410	Construction	0%	120	120	120	01-Jan-2023	30-Apr-2023	2570	
West Bank Interceptor Activity Report - Phase 2									
A1420	Develop Report West Bank Interceptor Phase 2	0%	272	272	272	01-Jun-2030	27-Feb-2031	306	
M54	Submit West Bank Interceptor Phase 2 (4-13-2031)	0%	0	0	0	01-Jun-2030	29-Aug-2030	227	
EPA4	EPA Review & Approval West Bank Interceptor Phase 2	0%	182	182	182	30-Aug-2030	27-Feb-2031	306	174 months after approval of EPA2
Sewershed Prioritization Work Plan									
A1350	Develop Sewershed Prioritization Work Plan	100%	121	121	0	01-Jun-2013 A	17-Jun-2014 A		
M55	Submit Sewershed Prioritization Work Plan (10-1-13)	100%	0	0	0	01-Oct-2013 A	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-Jun-2013 A	17-Jun-2014 A		
Sewershed Prioritization Activities and Report									
A1440	Procure	100%	1095	334	0	01-May-2014 A	31-Mar-2015 A	4931	
A1450	Flow Monitoring	100%	122	122	0	01-May-2014 A	31-Aug-2014 A		
A1460	Characterization	100%	211	211	0	01-Sep-2014 A	31-Mar-2015 A		
WCTS Mapping									
A1470	Field Data Collection / GIS Mapping	100%	182	182	0	01-Apr-2015 A	30-Sep-2015 A		
A1480	Field Verification	100%	182	182	0	01-Apr-2015 A	30-Sep-2015 A		
Hydraulic Modeling									
A1490	Hydraulic Modeling	93.51%	1032	1644	67	01-Jun-2013 A	30-Nov-2017	5143	
WCTS Capacity Assessment									
A1500	Pump Stations Assessment	14.13%	184	244	158	01-Jul-2017 A	01-Mar-2018	4931	
A1510	Capacity Assessment	63.59%	121	121	121	02-Mar-2018	30-Jun-2018	4931	
Sewershed Prioritization Report									
A1430	Develop Sewershed Prioritization Report	100%	58	58	0	01-Jan-2017 A	28-Feb-2017 A	5143	
M56	Submit Sewershed Prioritization Report (2-17-17)	100%	0	0	0	01-Jan-2017 A	28-Feb-2017 A	5143	32 months after approval of EPA5
EPA6	EPA Review & Approval Sewershed Prioritization Report	2.91%	5052	6360	4905	01-Oct-2013 A	28-Feb-2031	305	Comments not received yet
Sewershed Evaluation Plan									
A1520	Develop Sewershed Evaluation Plan	100%	150	150	0	01-Oct-2013 A	28-Feb-2014 A		
M57	Submit Sewershed Evaluation Plan (3-1-14)	100%	0	0	0	01-Mar-2014 A	17-Jun-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									
		5.49%	2680	2741	2553	01-Mar-2017 A	31-Aug-2024	2677	

Activity ID	Activity Name	% Comp	OD	@ Comp Dur	RD	Start	Finish	Total Float	Comments
WCTS Evaluation Sewer Group 1									
A1530	Procure	37.12%	366	457	249	01-Mar-2017 A	31-May-2018	0	
A1540	Evaluation of Sewershed Group 1	77.17%	92	229	21	01-Mar-2017 A	15-Oct-2017	0	
MSS9	Complete Evaluation of Sewershed Group 1 (6-1-18)	0%	228	228	228	16-Oct-2017	31-May-2018	0	
Group 1 SSES Studies									
A1550	Procure	34.51%	426	426	279	01-May-2017 A	30-Jun-2018	4931	0 63 months from date of entry 3-1-13
A1560	Group1 SSES Studies	46.34%	123	213	66	01-May-2017 A	29-Nov-2017	4931	Only Group 1, Contract 3 to proceed initially
A1570	Procure	0%	167	167	167	15-Nov-2017*	30-Apr-2018	4992	
A1580	Flow Monitoring	0%	62	62	62	15-Nov-2017*	15-Jan-2018	4992	
WCTS Evaluation Report/ Rehabilitation Plan - Group 1									
A1590	Develop WCTS Evaluation Report/ Rehabilitation Plan - Group 1	0%	273	273	273	01-Jun-2018	28-Feb-2019	0	
MSS8	Submit WCTS Evaluation Report/ Rehabilitation Plan - Group 1 (8-31-18)	0%	0	0	0	01-Jun-2018	31-Aug-2018*	0	Only Group 1, Contract 3 to proceed initially
EPA8	EPA Review & Approval WCTS Evaluation Report/ Rehabilitation Plan - Group 1	0%	181	181	181	01-Sep-2018	28-Feb-2019	0	Only Group 1, Contract 3 to proceed initially
WCTS Rehabilitation Design and Construction Group 1									
A1600	Procure	0%	1738	1738	1738	01-Mar-2019	30-Nov-2023	0	
A1610	Design	0%	156	156	156	01-Mar-2019	03-Aug-2019	0	
A1620	Bid	0%	730	730	730	04-Aug-2019	02-Aug-2021	0	
A1630	Construction	0%	120	120	120	03-Aug-2021	30-Nov-2021	0	
MSS10	Complete WCTS Rehabilitation Design and Construction Group 1 (12-1-23)	0%	0	0	0	01-Dec-2021	30-Nov-2023*	0	129 months from date of entry 3-1-13
WCTS Rehabilitation Activity Report (By Design Engineer) Group 1									
A1640	Develop WCTS Rehabilitation Activity Report - Group 1	0%	275	275	275	01-Dec-2023	31-Aug-2024	2677	
MSS11	Submit WCTS Rehabilitation Activity Report - Group 1 (2-28-24)	0%	0	0	0	01-Dec-2023	29-Feb-2024	0	3 months from completion of MSS ; Only Group 1, Contract 3 to proceed initially
EPA9	EPA Review & Approval WCTS Rehabilitation Activity Report - Group 1	0%	184	184	184	01-Mar-2024	29-Feb-2024*	0	Only Group 1, Contract 3 to proceed initially
Sewershed Group 2									
WCTS Evaluation - SSES, Etc. - Sewer Group 2									
A1650	Procure	0%	2922	2922	2922	01-Mar-2023	28-Feb-2031	305	
A1660	Evaluation of Sewershed Group 2	0%	641	641	641	01-Mar-2023	30-Nov-2024	0	
MSS12	Complete Evaluation of Sewershed Group 2 (12-1-24)	0%	92	92	92	01-Mar-2023*	31-May-2023	0	
WCTS Evaluation Report/ Rehabilitation Plan - Group 2									
A1670	Develop WCTS Evaluation Report/ Rehabilitation Plan - Group 2	0%	274	274	274	01-Dec-2024	31-Aug-2025	0	141 months from date of entry 3-1-13
MSS13	Submit WCTS Evaluation Report/ Rehabilitation Plan - Group 2 (2-28-25)	0%	0	0	0	01-Dec-2024	28-Feb-2025	0	
EPA10	EPA Review & Approval WCTS Evaluation Report/ Rehabilitation Plan - Group 2	0%	184	184	184	01-Mar-2025	28-Feb-2025*	0	3 months from completion of MSS12
WCTS Rehabilitation Design and Construction Group 2									
A1680	Procure	0%	1734	1734	1734	01-Sep-2025	31-May-2030	0	
A1690	Design	0%	154	154	154	01-Sep-2025	01-Feb-2026	0	
A1700	Bid	0%	730	730	730	02-Feb-2026	01-Feb-2028	0	
A1710	Construction	0%	120	120	120	02-Feb-2028	31-May-2028	0	
MSS14	Complete WCTS Rehabilitation Design and Construction Group 1 (6-1-30)	0%	0	0	0	01-Jun-2028	31-May-2030*	0	207 months from date of entry 3-1-13
WCTS Rehabilitation Activity Report (By Design Engineer) Group 2									
A1720	Develop WCTS Rehabilitation Activity Report - Group 2	0%	273	273	273	01-Jun-2030	28-Feb-2031	305	
MSS15	Submit WCTS Rehabilitation Activity Report - Group 2 (8-31-30)	0%	0	0	0	01-Jun-2030	31-Aug-2030*	0	3 months from completion of MSS14
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 ((
A1730	Comprehensive Performance Evaluation (CPE) of SSWWTF	35.54%	3317	3774	2105	01-Mar-2013 A	30-Jun-2023	3105	
MSS16	Submit Comprehensive Performance Evaluation (CPE) of SSWWTF	100%	1521	781	0	01-Mar-2013 A	21-Apr-2015 A		
EPA12	EPA Review & Approval Comprehensive Performance Evaluation (CPE) of SSWWTF	100%	456	456	0	01-Mar-2013 A	31-May-2014 A		15 months from date of entry 3-1-13

Activity ID	Activity Name	% Comp	OD	Comp Dur	RD	Start	Finish	Total Float	Comments
Composite Correction Plan (CCP) of SSWWTF									
A1740	Comprehensive Performance Evaluation (CPE) of SSWWTF	100%	1878	942	0	01-Sep-2014 A	31-Mar-2017 A		
MS17	Submit Comprehensive Performance Evaluation (CPE) of SSWWTF	100%	364	364	0	01-Sep-2014 A	31-Aug-2015 A		
EPA13	EPA Review & Approval Comprehensive Performance Evaluation (CPE) of SSWWTF	100%	613	577	0	01-Sep-2014 A	31-Mar-2017 A		12 months after approval of EPA12 revision requested part of lower approval EPA14?
Savanna WWTP Facilities Plan & SRF Application		77.17%	92	168	21	01-May-2017 A	15-Oct-2017	5189	
A1760	FP	77.17%	92	168	21	01-May-2017 A	15-Oct-2017	5189	Final FP 10-15-17
A1770	SRF	65.57%	61	76	21	01-Aug-2017 A	15-Oct-2017	5189	Final SRF 10-15-17
Composite Correction Plan Revision and Resubmittal									
A1780	CCP Revision	64.36%	275	275	98	01-Apr-2017 A	30-Jun-2018	0	
MS18	Submit CCP Revision	0%	0	0	0	01-Dec-2017	31-Dec-2017	0	
EPA14	EPA Review & Approval CCP Revision	0%	181	181	181	01-Jan-2018	30-Jun-2018	0	
Corrective Actions - Types I & II									
A1800	Type I & II Corrective Actions	0%	731	731	731	01-Jul-2018	30-Jun-2020	0	
MS19	Complete Type I & II Corrective Actions	0%	0	0	0	30-Jun-2020*	30-Jun-2020*	0	24 months after approval of EPA14
Corrective Actions - Type III									
A1810	Type III Corrective Actions	0%	1826	1826	1826	01-Jul-2018	30-Jun-2023	0	
MS20	Complete Type III Corrective Actions	0%	0	0	0	30-Jun-2023*	30-Jun-2023*	0	60 months after approval of EPA14
Work under MDEQ Orders Enforceable under this Consent Decree									
SSWWTF - Remove Sludge From Storm Cells		92.69%	1341	2069	98	02-Jul-2012 A	31-Dec-2017	5112	
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%	667	667	0	02-Jul-2012 A	30-Apr-2014 A		Compliance 4-30-14
SSWWTF - Dispose of Sludge Removed From Storm Cells		92.69%	1341	1341	98	01-May-2014 A	31-Dec-2017	0	
A1840	SSWWTF - Dispose of Sludge Removed From Storm Cells	92.69%	1341	1341	98	01-May-2014 A	31-Dec-2017	0	
MS22	Complete SSWWTF - Dispose of Sludge Removed From Storm Cells	0%	0	0	0	31-Dec-2017*	31-Dec-2017*	0	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	31-May-2014 A		Compliance 5-31-14
Capacity, Management, Operations and Maintenance Programs (CMOM)									
CMOM Training Program		43.3%	8331	6901	4724	10-Oct-2011 A	31-Aug-2030	486	
A1860	Develop CMOM Training Program	100%	365	601	0	01-Sep-2013 A	25-Apr-2015 A		
MS24	Submit CMOM Training Program (3-1-14)	100%	365	180	0	01-Sep-2013 A	28-Feb-2014 A		
EPA15	EPA Review & Approval of CMOM Training Program	100%	55	55	0	01-Mar-2014 A	25-Apr-2014 A		12 months from date of entry 3-1-13
A1870	Implementation of CMOM Training Program (4-25-15)	100%	365	364	0	26-Apr-2014 A	25-Apr-2015 A		
CMOM Capacity Assurance Program (CAP)		0%	788	910	788	31-Aug-2017 A	27-Feb-2020	4324	
MS25.1	Submit CMOM CAP Intern (9-1-17)	100%	0	0	0	31-Aug-2017 A	31-Aug-2017 A		54 months from date of entry 3-1-13, Intern CAP submitted 8-31-17
A1880	Develop CMOM CAP	0%	243	243	243	01-Jan-2018*	31-Aug-2018	-364	
MS25	Submit CMOM CAP Final (9-1-17)	0%	0	0	0	31-Aug-2018*	31-Aug-2018*	-364	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	01-Sep-2018	27-Feb-2019	4324	
A1890	Implementation of CMOM CAP	0%	365	365	365	28-Feb-2019	27-Feb-2020	4324	12 months after Approval of EPA16
CMOM Sewer Overflow Response Plan		31.55%	6901	6901	4724	10-Oct-2011 A	31-Aug-2030	486	
A1920	CMOM Sewer Overflow Response Plan	31.55%	6901	6901	4724	10-Oct-2011 A	31-Aug-2030	486	ongoing for duration of Consent Decree
MS26	Develop CMOM Interjurisdictional Agreement Program	100%	725	1275	0	01-Mar-2014 A	26-Aug-2017 A		
EPA17	EPA Review & Approval of CMOM Interjurisdictional Agreement Program	100%	365	364	0	01-Mar-2014 A	26-Feb-2015 A		24 months from date of entry 3-1-13
A1910	Implementation of CMOM Interjurisdictional Agreement Program (8-25-17)	100%	180	544	0	01-Mar-2015 A	26-Aug-2016 A		
MS26	Implement CMOM Interjurisdictional Agreement Program	100%	365	365	0	27-Aug-2016 A	26-Aug-2017 A		12 months after Approval of EPA17

Activity ID	Activity Name	% Comp	OD	Comp Dur	RD	Start	Finish	Total Float	Comments
CMOM Private Lateral Program									
A1930	Develop CMOM Private Lateral Program	84.86%	2127	1626	322	01-Mar-2014 A	12-Aug-2018	-365	
MS27	Submit CMOM Private Lateral Program (3-1-15)	100%	365	365	0	01-Mar-2014 A	28-Feb-2015 A		24 months from date of entry 3-1-13
EPA18	EPA Review & Approval of CMOM Private Lateral Program (8-12-17)	100%	180	530	0	01-Mar-2015 A	12-Aug-2016 A		
A1940	Implement CMOM Private Lateral Program (8-12-17)	11.78%	365	730	322	13-Aug-2016 A	12-Aug-2018*	-365	12 months after Approval of EPA18, implementation has not been started
CMOM Water Quality Monitoring Program									
A1950	Develop CMOM Water Quality Monitoring Program	79.78%	1553	1618	314	01-Mar-2014 A	04-Aug-2018	4896	
MS28	Submit CMOM Water Quality Monitoring Program (3-1-15)	100%	365	365	0	01-Mar-2014 A	28-Feb-2015 A		
EPA19	EPA Review & Approval of CMOM Water Quality Monitoring Program	100%	180	888	0	01-Mar-2015 A	04-Aug-2017 A		24 months from date of entry 3-1-13 Several Resubmittals
A1960	Implement CMOM Water Quality Monitoring Program	13.97%	365	365	314	05-Aug-2017 A	04-Aug-2018	4896	12 months after Approval of EPA19
CMOM Pump Station Operations Program									
A1970	Develop CMOM Pump Station Operations Program	100%	1822	729	0	01-Jun-2013 A	31-May-2015 A		
MS29	Submit CMOM Pump Station Operations Program (3-1-14)	100%	365	272	0	01-Jun-2013 A	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	Implement 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									
A1990	Develop CMOM Fats, Oils and Grease (FOG) Program	71.48%	1157	1634	330	01-Mar-2014 A	20-Aug-2018	-376	
MS30	Submit CMOM Fats, Oils and Grease (FOG) Program (3-1-15)	100%	365	365	0	01-Mar-2014 A	28-Feb-2015 A		
EPA21	EPA Review & Approval of CMOM Fats, Oils and Grease (FOG) Program	100%	180	527	0	01-Mar-2015 A	09-Aug-2016 A		24 months from date of entry 3-1-13
A2000	Implement CMOM Fats, Oils and Grease (FOG) Program (6-9-17)	9.59%	365	365	330	21-Aug-2017 A	20-Aug-2018*	-376	12 months after Approval of EPA21, implementation started by program manager
CMOM Pump Station Maintenance Program									
A2010	Develop CMOM Pump Station Maintenance Program	100%	747	730	0	01-Jun-2013 A	31-May-2015 A		
MS31	Submit CMOM Pump Station Maintenance Program (3-1-14)	100%	365	273	0	01-Jun-2013 A	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	Implement 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									
A2030	Develop CMOM Gravity Line Preventative Maintenance Program	80.19%	1055	1786	209	01-Jun-2013 A	21-Apr-2018	0	
MS32	Submit CMOM Gravity Line Preventative Maintenance Program (6-1-14)	100%	334	334	0	01-Jun-2013 A	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	Implement CMOM Gravity Line Preventative Maintenance Program (4-21-16)	42.74%	365	1096	209	22-Apr-2015 A	21-Apr-2018*	0	12 months after Approval of EPA23, Not fully implemented, RFPs for Outside Contractors Q4 201
CMOM WWTF Operation and Maintenance Program									
A2050	Develop CMOM WWTF Operation and Maintenance Program	100%	2340	1055	334	01-Jun-2013 A	21-Apr-2016 A		
MS33	Submit CMOM WWTF Operation and Maintenance Program (6-1-14)	100%	334	334	0	01-Jun-2013 A	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	Implement 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									
A2070	Develop Financing and Cost Analysis Program	67.08%	2351	2351	774	01-Jun-2013 A	07-Nov-2019	4436	
MS34	Submit Financing and Cost Analysis Program (9-1-14)	100%	365	456	0	01-Jun-2013 A	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)	23.89%	180	180	137	13-Aug-2017 A	08-Feb-2018*	0	
MS34.1	Resubmit Financing and Cost Analysis Program (2-8-18)	0%	0	0	0	08-Feb-2018	08-Feb-2018	4436	
EPA25.1	EPA Review & Approval of Financing and Cost Analysis Program Resubmittal	0%	180	180	180	09-Feb-2018	07-Aug-2018	4436	
A2080	Implement CMOM Financing and Cost Analysis Program	0%	457	457	457	08-Aug-2018	07-Nov-2019	4436	15 months after approval of EPA25.1
Reporting Requirements									
Quarterly Reports									
A2080	Develop Report 16	4.04%	5174	5638	4965	01-Jan-2016 A	29-Apr-2031	245	
Quarterly Report 16									
A2080	Develop Report 16	2.98%	4931	5051	4784	01-Jan-2017 A	30-Oct-2030	426	
A2080	Develop Report 16	100%	90	128	0	01-Jan-2017 A	08-May-2017 A		
A2080	Develop Report 16	100%	90	90	0	01-Jan-2017 A	31-Mar-2017 A		

Activity ID	Activity Name	% Comp	OD	@ Comp Dur	RD	Start	Finish	Total Float	Comments
A2100	Due to City Report 16	100%	0	0	0	0	24-Apr-2017 A		
A2110	Due to EPA Report 16	100%	0	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	0	21-Jul-2017 A		
A2140	Due to EPA Report 17	100%	0	0	0	0	31-Jul-2017 A		
Quarterly Report 18		70.48%	122	122	35	01-Jul-2017 A	30-Oct-2017	0	
A2150	Develop Report 18	93.48%	92	92	6	01-Jul-2017 A	30-Sep-2017	0	
A2160	Due to City Report 18	0%	0	0	0	0	23-Oct-2017*	0	
A2170	Due to EPA Report 18	0%	0	0	0	0	30-Oct-2017*	0	
Quarterly Report 19		0%	122	122	122	01-Oct-2017	30-Jan-2018	0	
A2180	Develop Report 19	0%	92	92	92	01-Oct-2017*	31-Dec-2017	0	
A2190	Due to City Report 19	0%	0	0	0	0	23-Jan-2018*	0	
A2200	Due to EPA Report 19	0%	0	0	0	0	30-Jan-2018*	0	
Quarterly Report 20		0%	120	120	120	01-Jan-2018	30-Apr-2018	0	
A2210	Develop Report 20	0%	90	90	90	01-Jan-2018*	31-Mar-2018	0	
A2220	Due to City Report 20	0%	0	0	0	0	23-Apr-2018*	0	
A2230	Due to EPA Report 20	0%	0	0	0	0	30-Apr-2018*	0	
Quarterly Report 21		0%	121	121	121	01-Apr-2018	30-Jul-2018	0	
A2240	Develop Report 21	0%	91	91	91	01-Apr-2018*	30-Jun-2018	0	
A2250	Due to City Report 21	0%	0	0	0	0	23-Jul-2018*	0	
A2260	Due to EPA Report 21	0%	0	0	0	0	30-Jul-2018*	0	
Quarterly Report 22		0%	122	122	122	01-Jul-2018	30-Oct-2018	0	
A2270	Develop Report 22	0%	92	92	92	01-Jul-2018*	30-Sep-2018	0	
A2280	Due to City Report 22	0%	0	0	0	0	23-Oct-2018*	0	
A2290	Due to EPA Report 22	0%	0	0	0	0	30-Oct-2018*	0	
Quarterly Report 23		0%	122	122	122	01-Oct-2018	30-Jan-2019	0	
A2300	Develop Report 23	0%	92	92	92	01-Oct-2018*	31-Dec-2018	0	
A2310	Due to City Report 23	0%	0	0	0	0	23-Jan-2019*	0	
A2320	Due to EPA Report 23	0%	0	0	0	0	30-Jan-2019*	0	
Quarterly Report 24		0%	120	120	120	01-Jan-2019	30-Apr-2019	0	
A2330	Develop Report 24	0%	90	90	90	01-Jan-2019*	31-Mar-2019	0	
A2340	Due to City Report 24	0%	0	0	0	0	23-Apr-2019*	0	
A2350	Due to EPA Report 24	0%	0	0	0	0	30-Apr-2019*	0	
Quarterly Report 25		0%	121	121	121	01-Apr-2019	30-Jul-2019	0	
A2360	Develop Report 25	0%	91	91	91	01-Apr-2019*	30-Jun-2019	0	
A2370	Due to City Report 25	0%	0	0	0	0	23-Jul-2019*	0	
A2380	Due to EPA Report 25	0%	0	0	0	0	30-Jul-2019*	0	
Quarterly Report 26		0%	122	122	122	01-Jul-2019	30-Oct-2019	0	
A2390	Develop Report 26	0%	92	92	92	01-Jul-2019*	30-Sep-2019	0	
A2400	Due to City Report 26	0%	0	0	0	0	23-Oct-2019*	0	
A2410	Due to EPA Report 26	0%	0	0	0	0	30-Oct-2019*	0	
Quarterly Report 27		0%	122	122	122	01-Oct-2019	30-Jan-2020	0	
A2420	Develop Report 27	0%	92	92	92	01-Oct-2019*	31-Dec-2019	0	
A2430	Due to City Report 27	0%	0	0	0	0	23-Jan-2020*	0	
A2440	Due to EPA Report 27	0%	0	0	0	0	30-Jan-2020*	0	
Quarterly Report 28		0%	121	121	121	01-Jan-2020	30-Apr-2020	0	
A2450	Develop Report 28	0%	91	91	91	01-Jan-2020*	31-Mar-2020	0	

Activity ID	Activity Name	Jackson Schedule Layout										Total Float	Comments
		% Comp	OD	@ Comp Dur	RD	Start	Finish						
A2460	Due to City Report 28	0%	0	0	0	0	0	0	0	23-Apr-2020*	0		
A2470	Due to EPA Report 28	0%	0	0	0	0	0	0	0	30-Apr-2020*	0		
Quarterly Report 29		0%	121	121	121	01-Apr-2020	30-Jul-2020	0					
A2480	Develop Report 29	0%	91	91	91	01-Apr-2020*	30-Jun-2020	0					
A2490	Due to City Report 29	0%	0	0	0	0	0	0	0	23-Jul-2020*	0		
A2500	Due to EPA Report 29	0%	0	0	0	0	0	0	0	30-Jul-2020*	0		
Quarterly Report 30		0%	122	122	122	01-Jul-2020	30-Oct-2020	0					
A2510	Develop Report 30	0%	92	92	92	01-Jul-2020*	30-Sep-2020	0					
A2520	Due to City Report 30	0%	0	0	0	0	0	0	0	23-Oct-2020*	0		
A2530	Due to EPA Report 30	0%	0	0	0	0	0	0	0	30-Oct-2020*	0		
Quarterly Report 31		0%	122	122	122	01-Oct-2020	30-Jan-2021	0					
A2540	Develop Report 31	0%	92	92	92	01-Oct-2020*	31-Dec-2020	0					
A2550	Due to City Report 31	0%	0	0	0	0	0	0	0	25-Jan-2021*	0		
A2560	Due to EPA Report 31	0%	0	0	0	0	0	0	0	30-Jan-2021*	0		
Quarterly Report 32		0%	120	120	120	01-Jan-2021	30-Apr-2021	0					
A2570	Develop Report 32	0%	90	90	90	01-Jan-2021*	31-Mar-2021	0					
A2580	Due to City Report 32	0%	0	0	0	0	0	0	0	23-Apr-2021*	0		
A2590	Due to EPA Report 32	0%	0	0	0	0	0	0	0	30-Apr-2021*	0		
Quarterly Report 33		0%	121	121	121	01-Apr-2021	30-Jul-2021	0					
A2600	Develop Report 33	0%	91	91	91	01-Apr-2021*	30-Jun-2021	0					
A2610	Due to City Report 33	0%	0	0	0	0	0	0	0	23-Jul-2021*	0		
A2620	Due to EPA Report 33	0%	0	0	0	0	0	0	0	30-Jul-2021*	0		
Quarterly Report 34		0%	122	122	122	01-Jul-2021	30-Oct-2021	0					
A2630	Develop Report 34	0%	92	92	92	01-Jul-2021*	30-Sep-2021	0					
A2640	Due to City Report 34	0%	0	0	0	0	0	0	0	23-Oct-2021*	0		
A2650	Due to EPA Report 34	0%	0	0	0	0	0	0	0	30-Oct-2021*	0		
Quarterly Report 35		0%	122	122	122	01-Oct-2021	30-Jan-2022	0					
A2660	Develop Report 35	0%	92	92	92	01-Oct-2021*	31-Dec-2021	0					
A2670	Due to City Report 35	0%	0	0	0	0	0	0	0	24-Jan-2022*	0		
A2680	Due to EPA Report 35	0%	0	0	0	0	0	0	0	30-Jan-2022*	0		
Quarterly Report 36		0%	120	120	120	01-Jan-2022	30-Apr-2022	0					
A2690	Develop Report 36	0%	90	90	90	01-Jan-2022*	31-Mar-2022	0					
A2700	Due to City Report 36	0%	0	0	0	0	0	0	0	25-Apr-2022*	0		
A2710	Due to EPA Report 36	0%	0	0	0	0	0	0	0	30-Apr-2022*	0		
Quarterly Report 37		0%	121	121	121	01-Apr-2022	30-Jul-2022	0					
A2720	Develop Report 37	0%	91	91	91	01-Apr-2022*	30-Jun-2022	0					
A2730	Due to City Report 37	0%	0	0	0	0	0	0	0	25-Jul-2022*	0		
A2740	Due to EPA Report 37	0%	0	0	0	0	0	0	0	30-Jul-2022*	0		
Quarterly Report 38		0%	122	122	122	01-Jul-2022	30-Oct-2022	0					
A2750	Develop Report 38	0%	92	92	92	01-Jul-2022*	30-Sep-2022	0					
A2760	Due to City Report 38	0%	0	0	0	0	0	0	0	24-Oct-2022*	0		
A2770	Due to EPA Report 38	0%	0	0	0	0	0	0	0	30-Oct-2022*	0		
Quarterly Report 39		0%	122	122	122	01-Oct-2022	30-Jan-2023	0					
A2780	Develop Report 39	0%	92	92	92	01-Oct-2022*	31-Dec-2022	0					
A2790	Due to City Report 39	0%	0	0	0	0	0	0	0	23-Jan-2023*	0		
A2800	Due to EPA Report 39	0%	0	0	0	0	0	0	0	30-Jan-2023*	0		
Quarterly Report 40		0%	120	120	120	01-Jan-2023	30-Apr-2023	0					
A2810	Develop Report 40	0%	90	90	90	01-Jan-2023*	31-Mar-2023	0					

Activity ID	Activity Name	% Comp	OD	@ Comp Dur	RD	Start	Finish	Total Float	Comments
A2820	Develop Report 40	0%	0	0	0	0	24-Apr-2023*	0	
A2830	Develop Report 40	0%	0	0	0	0	30-Apr-2023*	0	
Quarterly Report 41		0%	121	121	121	01-Apr-2023	30-Jul-2023	0	
A2840	Develop Report 41	0%	91	91	91	01-Apr-2023*	30-Jun-2023	0	
A2850	Develop Report 41	0%	0	0	0	0	24-Jul-2023*	0	
A2860	Develop Report 41	0%	0	0	0	0	30-Jul-2023*	0	
Quarterly Report 42		0%	122	122	122	01-Jul-2023	30-Oct-2023	0	
A2870	Develop Report 42	0%	92	92	92	01-Jul-2023*	30-Sep-2023	0	
A2880	Develop Report 42	0%	0	0	0	0	23-Oct-2023*	0	
A2890	Develop Report 42	0%	0	0	0	0	30-Oct-2023*	0	
Quarterly Report 43		0%	122	122	122	01-Oct-2023	30-Jan-2024	0	
A2900	Develop Report 43	0%	92	92	92	01-Oct-2023*	31-Dec-2023	0	
A2910	Develop Report 43	0%	0	0	0	0	23-Jan-2024*	0	
A2920	Develop Report 43	0%	0	0	0	0	30-Jan-2024*	0	
Quarterly Report 44		0%	121	121	121	01-Jan-2024	30-Apr-2024	0	
A2930	Develop Report 44	0%	91	91	91	01-Jan-2024*	31-Mar-2024	0	
A2940	Develop Report 44	0%	0	0	0	0	23-Apr-2024*	0	
A2950	Develop Report 44	0%	0	0	0	0	30-Apr-2024*	0	
Quarterly Report 45		0%	121	121	121	01-Apr-2024	30-Jul-2024	0	
A2960	Develop Report 45	0%	91	91	91	01-Apr-2024*	30-Jun-2024	0	
A2970	Develop Report 45	0%	0	0	0	0	23-Jul-2024*	0	
A2980	Develop Report 45	0%	0	0	0	0	30-Jul-2024*	0	
Quarterly Report 46		0%	122	122	122	01-Jul-2024	30-Oct-2024	0	
A2990	Develop Report 46	0%	92	92	92	01-Jul-2024*	30-Sep-2024	0	
A3000	Develop Report 46	0%	0	0	0	0	23-Oct-2024*	0	
A3010	Develop Report 46	0%	0	0	0	0	30-Oct-2024*	0	
Quarterly Report 47		0%	122	122	122	01-Oct-2024	30-Jan-2025	0	
A3020	Develop Report 47	0%	92	92	92	01-Oct-2024*	31-Dec-2024	0	
A3030	Develop Report 47	0%	0	0	0	0	23-Jan-2025*	0	
A3040	Develop Report 47	0%	0	0	0	0	30-Jan-2025*	0	
Quarterly Report 48		0%	120	120	120	01-Jan-2025	30-Apr-2025	0	
A3050	Develop Report 48	0%	90	90	90	01-Jan-2025*	31-Mar-2025	0	
A3060	Develop Report 48	0%	0	0	0	0	23-Apr-2025*	0	
A3070	Develop Report 48	0%	0	0	0	0	30-Apr-2025*	0	
Quarterly Report 49		0%	121	121	121	01-Apr-2025	30-Jul-2025	0	
A3080	Develop Report 49	0%	91	91	91	01-Apr-2025*	30-Jun-2025	0	
A3090	Develop Report 49	0%	0	0	0	0	23-Jul-2025*	0	
A3100	Develop Report 49	0%	0	0	0	0	30-Jul-2025*	0	
Quarterly Report 50		0%	122	122	122	01-Jul-2025	30-Oct-2025	0	
A3110	Develop Report 50	0%	92	92	92	01-Jul-2025*	30-Sep-2025	0	
A3120	Develop Report 50	0%	0	0	0	0	23-Oct-2025*	0	
A3130	Develop Report 50	0%	0	0	0	0	30-Oct-2025*	0	
Quarterly Report 51		0%	122	122	122	01-Oct-2025	30-Jan-2026	0	
A3140	Develop Report 51	0%	92	92	92	01-Oct-2025*	31-Dec-2025	0	
A3150	Develop Report 51	0%	0	0	0	0	23-Jan-2026*	0	
A3160	Develop Report 51	0%	0	0	0	0	30-Jan-2026*	0	
Quarterly Report 52		0%	120	120	120	01-Jan-2026	30-Apr-2026	0	
A3170	Develop Report 52	0%	90	90	90	01-Jan-2026*	31-Mar-2026	0	

Activity ID	Activity Name	Jackson Schedule Layout										Total Float	Comments
		% Comp	OD	@ Comp Dur	RD	Start	Finish						
A3180	Develop Report 52	0%	0	0	0	0	0	0	0	0	23-Apr-2026*	0	
A3190	Due to EPA Report 52	0%	0	0	0	0	0	0	0	0	30-Apr-2026*	0	
Quarterly Report 53		0%	121	121	121	01-Apr-2026	30-Jul-2026	0				0	
A3200	Develop Report 53	0%	91	91	91	01-Apr-2026*	30-Jun-2026	0				0	
A3210	Due to City Report 53	0%	0	0	0	0	0	0	0	0	23-Jul-2026*	0	
A3220	Due to EPA Report 53	0%	0	0	0	0	0	0	0	0	30-Jul-2026*	0	
Quarterly Report 54		0%	122	122	122	01-Jul-2026	30-Oct-2026	0				0	
A3230	Develop Report 54	0%	92	92	92	01-Jul-2026*	30-Sep-2026	0				0	
A3240	Due to City Report 54	0%	0	0	0	0	0	0	0	0	23-Oct-2026*	0	
A3250	Due to EPA Report 54	0%	0	0	0	0	0	0	0	0	30-Oct-2026*	0	
Quarterly Report 55		0%	122	122	122	01-Oct-2026	30-Jan-2027	0				0	
A3260	Develop Report 55	0%	92	92	92	01-Oct-2026*	31-Dec-2026	0				0	
A3270	Due to City Report 55	0%	0	0	0	0	0	0	0	0	25-Jan-2027*	0	
A3280	Due to EPA Report 55	0%	0	0	0	0	0	0	0	0	30-Jan-2027*	0	
Quarterly Report 56		0%	120	120	120	01-Jan-2027	30-Apr-2027	0				0	
A3290	Develop Report 56	0%	90	90	90	01-Jan-2027*	31-Mar-2027	0				0	
A3300	Due to City Report 56	0%	0	0	0	0	0	0	0	0	23-Apr-2027*	0	
A3310	Due to EPA Report 56	0%	0	0	0	0	0	0	0	0	30-Apr-2027*	0	
Quarterly Report 57		0%	121	121	121	01-Apr-2027	30-Jul-2027	0				0	
A3320	Develop Report 57	0%	91	91	91	01-Apr-2027*	30-Jun-2027	0				0	
A3330	Due to City Report 57	0%	0	0	0	0	0	0	0	0	23-Jul-2027*	0	
A3340	Due to EPA Report 57	0%	0	0	0	0	0	0	0	0	30-Jul-2027*	0	
Quarterly Report 58		0%	122	122	122	01-Jul-2027	30-Oct-2027	0				0	
A3350	Develop Report 58	0%	92	92	92	01-Jul-2027*	30-Sep-2027	0				0	
A3360	Due to City Report 58	0%	0	0	0	0	0	0	0	0	25-Oct-2027*	0	
A3370	Due to EPA Report 58	0%	0	0	0	0	0	0	0	0	30-Oct-2027*	0	
Quarterly Report 59		0%	122	122	122	01-Oct-2027	30-Jan-2028	0				0	
A3380	Develop Report 59	0%	92	92	92	01-Oct-2027*	31-Dec-2027	0				0	
A3390	Due to City Report 59	0%	0	0	0	0	0	0	0	0	24-Jan-2028*	0	
A3400	Due to EPA Report 59	0%	0	0	0	0	0	0	0	0	30-Jan-2028*	0	
Quarterly Report 60		0%	121	121	121	01-Jan-2028	30-Apr-2028	0				0	
A3410	Develop Report 60	0%	91	91	91	01-Jan-2028*	31-Mar-2028	0				0	
A3420	Due to City Report 60	0%	0	0	0	0	0	0	0	0	24-Apr-2028*	0	
A3430	Due to EPA Report 60	0%	0	0	0	0	0	0	0	0	30-Apr-2028*	0	
Quarterly Report 61		0%	121	121	121	01-Apr-2028	30-Jul-2028	0				0	
A3440	Develop Report 61	0%	91	91	91	01-Apr-2028*	30-Jun-2028	0				0	
A3450	Due to City Report 61	0%	0	0	0	0	0	0	0	0	24-Jul-2028*	0	
A3460	Due to EPA Report 61	0%	0	0	0	0	0	0	0	0	30-Jul-2028*	0	
Quarterly Report 62		0%	122	122	122	01-Jul-2028	30-Oct-2028	0				0	
A3470	Develop Report 62	0%	92	92	92	01-Jul-2028*	30-Sep-2028	0				0	
A3480	Due to City Report 62	0%	0	0	0	0	0	0	0	0	23-Oct-2028*	0	
A3490	Due to EPA Report 62	0%	0	0	0	0	0	0	0	0	30-Oct-2028*	0	
Quarterly Report 63		0%	122	122	122	01-Oct-2028	30-Jan-2029	0				0	
A3500	Develop Report 63	0%	92	92	92	01-Oct-2028*	31-Dec-2028	0				0	
A3510	Due to City Report 63	0%	0	0	0	0	0	0	0	0	23-Jan-2029*	0	
A3520	Due to EPA Report 63	0%	0	0	0	0	0	0	0	0	30-Jan-2029*	0	
Quarterly Report 64		0%	120	120	120	01-Jan-2029	30-Apr-2029	0				0	
A3530	Develop Report 64	0%	90	90	90	01-Jan-2029*	31-Mar-2029	0				0	

97348 - Jackson Compliance Schedule		Jackson Schedule Layout										Total Float	Comments
Activity ID	Activity Name	% Comp	OD	@ Comp	RD	Start	Finish						
A3540	Due to City Report 64	0%	0	0	0	0	23-Apr-2029*					0	
A3550	Due to EPA Report 64	0%	0	0	0	0	30-Apr-2029*					0	
Quarterly Report 65		0%	121	121	121	01-Apr-2029	30-Jul-2029					0	
A3560	Develop Report 65	0%	91	91	91	01-Apr-2029*	30-Jun-2029					0	
A3570	Due to City Report 65	0%	0	0	0	0	23-Jul-2029*					0	
A3580	Due to EPA Report 65	0%	0	0	0	0	30-Jul-2029*					0	
Quarterly Report 66		0%	122	122	122	01-Jul-2029	30-Oct-2029					0	
A3590	Develop Report 66	0%	92	92	92	01-Jul-2029*	30-Sep-2029					0	
A3600	Due to City Report 66	0%	0	0	0	0	23-Oct-2029*					0	
A3610	Due to EPA Report 66	0%	0	0	0	0	30-Oct-2029*					0	
Quarterly Report 67		0%	122	122	122	01-Oct-2029	30-Jan-2030					0	
A3620	Develop Report 67	0%	92	92	92	01-Oct-2029*	31-Dec-2029					0	
A3630	Due to City Report 67	0%	0	0	0	0	23-Jan-2030*					0	
A3640	Due to EPA Report 67	0%	0	0	0	0	30-Jan-2030*					0	
Quarterly Report 68		0%	120	120	120	01-Jan-2030	30-Apr-2030					0	
A3650	Develop Report 68	0%	90	90	90	01-Jan-2030*	31-Mar-2030					0	
A3660	Due to City Report 68	0%	0	0	0	0	23-Apr-2030*					0	
A3670	Due to EPA Report 68	0%	0	0	0	0	30-Apr-2030*					0	
Quarterly Report 69		0%	121	121	121	01-Apr-2030	30-Jul-2030					0	
A3680	Develop Report 69	0%	91	91	91	01-Apr-2030*	30-Jun-2030					0	
A3690	Due to City Report 69	0%	0	0	0	0	23-Jul-2030*					0	
A3700	Due to EPA Report 69	0%	0	0	0	0	30-Jul-2030*					0	
Quarterly Report 70		0%	122	122	122	01-Jul-2030	30-Oct-2030					0	
A3710	Develop Report 70	0%	92	92	92	01-Jul-2030*	30-Sep-2030					0	
A3720	Due to City Report 70	0%	0	0	0	0	23-Oct-2030*					0	
A3730	Due to EPA Report 70	0%	0	0	0	0	30-Oct-2030*					0	
Semi-Annual Reports		4.75%	4993	5143	4754	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	0	23-Mar-2017 A						
A3760	Due to EPA Report 8	100%	0	0	0	0	18-Apr-2017 A						
Semi-Annual Report 9		100%	4821	245	0	01-Mar-2017 A	31-Oct-2017					0	
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	0	22-Sep-2017 A						
A3790	Due to EPA Report 9	0%	0	0	0	0	31-Oct-2017*					0	Resubmittal to EPA 10-31-17
Semi-Annual Report 10		0%	187	211	187	01-Sep-2017 A	30-Mar-2018					0	
A3800	Develop Report 10	13.26%	181	181	157	01-Sep-2017 A	28-Feb-2018					0	
A3810	Due to City Report 10	0%	0	0	0	0	23-Mar-2018*					0	
A3820	Due to EPA Report 10	0%	0	0	0	0	30-Mar-2018*					0	
Semi-Annual Report 11		0%	214	214	214	01-Mar-2018	30-Sep-2018					0	
A3830	Develop Report 11	0%	184	184	184	01-Mar-2018*	31-Aug-2018					0	
A3840	Due to City Report 11	0%	0	0	0	0	24-Sep-2018*					0	
A3850	Due to EPA Report 11	0%	0	0	0	0	30-Sep-2018*					0	
Semi-Annual Report 12		0%	211	211	211	01-Sep-2018	30-Mar-2019					0	
A3860	Develop Report 12	0%	181	181	181	01-Sep-2018*	28-Feb-2019					0	
A3870	Due to City Report 12	0%	0	0	0	0	25-Mar-2019*					0	
A3880	Due to EPA Report 12	0%	0	0	0	0	30-Mar-2019*					0	
Semi-Annual Report 13		0%	214	214	214	01-Mar-2019	30-Sep-2019					0	

Jackson Schedule Layout

Activity Name	% Comp	OD	@ Comp Dur	RD	Start	Finish	Total Float	Comments
Develop Report 13	0%	184	184	184	01-Mar-2019*	31-Aug-2019	0	
Due to City Report 13	0%	0	0	0		23-Sep-2019*	0	
Due to EPA Report 13	0%	0	0	0		30-Sep-2019*	0	
Semi Annual Report 14	0%	212	212	212	01-Sep-2019	30-Mar-2020	0	
Develop Report 14	0%	182	182	182	01-Sep-2019*	28-Feb-2020	0	
Due to City Report 14	0%	0	0	0		23-Mar-2020*	0	
Due to EPA Report 14	0%	0	0	0		30-Mar-2020*	0	
Semi Annual Report 15	0%	214	214	214	01-Mar-2020	30-Sep-2020	0	
Develop Report 15	0%	184	184	184	01-Mar-2020*	31-Aug-2020	0	
Due to City Report 15	0%	0	0	0		23-Sep-2020*	0	
Due to EPA Report 15	0%	0	0	0		30-Sep-2020*	0	
Semi Annual Report 16	0%	211	211	211	01-Sep-2020	30-Mar-2021	0	
Develop Report 16	0%	181	181	181	01-Sep-2020*	28-Feb-2021	0	
Due to City Report 16	0%	0	0	0		23-Mar-2021*	0	
Due to EPA Report 16	0%	0	0	0		30-Mar-2021*	0	
Semi Annual Report 17	0%	214	214	214	01-Mar-2021	30-Sep-2021	0	
Develop Report 17	0%	184	184	184	01-Mar-2021*	31-Aug-2021	0	
Due to City Report 17	0%	0	0	0		23-Sep-2021*	0	
Due to EPA Report 17	0%	0	0	0		30-Sep-2021*	0	
Semi Annual Report 18	0%	211	211	211	01-Sep-2021	30-Mar-2022	0	
Develop Report 18	0%	181	181	181	01-Sep-2021*	28-Feb-2022	0	
Due to City Report 18	0%	0	0	0		23-Mar-2022*	0	
Due to EPA Report 18	0%	0	0	0		30-Mar-2022*	0	
Semi Annual Report 19	0%	214	214	214	01-Mar-2022	30-Sep-2022	0	
Develop Report 19	0%	184	184	184	01-Mar-2022*	31-Aug-2022	0	
Due to City Report 19	0%	0	0	0		23-Sep-2022*	0	
Due to EPA Report 19	0%	0	0	0		30-Sep-2022*	0	
Semi Annual Report 20	0%	211	211	211	01-Sep-2022	30-Mar-2023	0	
Develop Report 20	0%	181	181	181	01-Sep-2022*	28-Feb-2023	0	
Due to City Report 20	0%	0	0	0		23-Mar-2023*	0	
Due to EPA Report 20	0%	0	0	0		30-Mar-2023*	0	
Semi Annual Report 21	0%	214	214	214	01-Mar-2023	30-Sep-2023	0	
Develop Report 21	0%	184	184	184	01-Mar-2023*	31-Aug-2023	0	
Due to City Report 21	0%	0	0	0		25-Sep-2023*	0	
Due to EPA Report 21	0%	0	0	0		30-Sep-2023*	0	
Semi Annual Report 22	0%	212	212	212	01-Sep-2023	30-Mar-2024	0	
Develop Report 22	0%	182	182	182	01-Sep-2023*	28-Feb-2024	0	
Due to City Report 22	0%	0	0	0		25-Mar-2024*	0	
Due to EPA Report 22	0%	0	0	0		30-Mar-2024*	0	
Semi Annual Report 23	0%	214	214	214	01-Mar-2024	30-Sep-2024	0	
Develop Report 23	0%	184	184	184	01-Mar-2024*	31-Aug-2024	0	
Due to City Report 23	0%	0	0	0		23-Sep-2024*	0	
Due to EPA Report 23	0%	0	0	0		30-Sep-2024*	0	
Semi Annual Report 24	0%	211	211	211	01-Sep-2024	30-Mar-2025	0	
Develop Report 24	0%	181	181	181	01-Sep-2024*	28-Feb-2025	0	
Due to City Report 24	0%	0	0	0		24-Mar-2025*	0	
Due to EPA Report 24	0%	0	0	0		30-Mar-2025*	0	
Semi Annual Report 25	0%	214	214	214	01-Mar-2025	30-Sep-2025	0	

Activity ID	Activity Name	% Comp	OD	@ Comp Dur	RD	Start	Finish	Total Float	Comments
A4250	Develop Report 25	0%	184	184	184	01-Mar-2025*	31-Aug-2025	0	
A4260	Due to City Report 25	0%	0	0	0		23-Sep-2025*	0	
A4270	Due to EPA Report 25	0%	0	0	0		30-Sep-2025*	0	
Semi Annual Report 26		0%	211	211	211	01-Sep-2025	30-Mar-2026	0	
A4280	Develop Report 26	0%	181	181	181	01-Sep-2025*	28-Feb-2026	0	
A4290	Due to City Report 26	0%	0	0	0		23-Mar-2026*	0	
A4300	Due to EPA Report 26	0%	0	0	0		30-Mar-2026*	0	
Semi Annual Report 27		0%	214	214	214	01-Mar-2026	30-Sep-2026	0	
A4310	Develop Report 27	0%	184	184	184	01-Mar-2026*	31-Aug-2026	0	
A4320	Due to City Report 27	0%	0	0	0		23-Sep-2026*	0	
A4330	Due to EPA Report 27	0%	0	0	0		30-Sep-2026*	0	
Semi Annual Report 28		0%	211	211	211	01-Sep-2026	30-Mar-2027	0	
A4340	Develop Report 28	0%	181	181	181	01-Sep-2026*	28-Feb-2027	0	
A4350	Due to City Report 28	0%	0	0	0		23-Mar-2027*	0	
A4360	Due to EPA Report 28	0%	0	0	0		30-Mar-2027*	0	
Semi Annual Report 29		0%	214	214	214	01-Mar-2027	30-Sep-2027	0	
A4370	Develop Report 29	0%	184	184	184	01-Mar-2027*	31-Aug-2027	0	
A4380	Due to City Report 29	0%	0	0	0		23-Sep-2027*	0	
A4390	Due to EPA Report 29	0%	0	0	0		30-Sep-2027*	0	
Semi Annual Report 30		0%	212	212	212	01-Sep-2027	30-Mar-2028	0	
A4400	Develop Report 30	0%	182	182	182	01-Sep-2027*	29-Feb-2028	0	
A4410	Due to City Report 30	0%	0	0	0		23-Mar-2028*	0	
A4420	Due to EPA Report 30	0%	0	0	0		30-Mar-2028*	0	
Semi Annual Report 31		0%	214	214	214	01-Mar-2028	30-Sep-2028	0	
A4430	Develop Report 31	0%	184	184	184	01-Mar-2028*	31-Aug-2028	0	
A4440	Due to City Report 31	0%	0	0	0		25-Sep-2028*	0	
A4450	Due to EPA Report 31	0%	0	0	0		30-Sep-2028*	0	
Semi Annual Report 32		0%	211	211	211	01-Sep-2028	30-Mar-2029	0	
A4460	Develop Report 32	0%	181	181	181	01-Sep-2028*	28-Feb-2029	0	
A4470	Due to City Report 32	0%	0	0	0		23-Mar-2029*	0	
A4480	Due to EPA Report 32	0%	0	0	0		30-Mar-2029*	0	
Semi Annual Report 33		0%	214	214	214	01-Mar-2029	30-Sep-2029	0	
A4490	Develop Report 33	0%	184	184	184	01-Mar-2029*	31-Aug-2029	0	
A4500	Due to City Report 33	0%	0	0	0		24-Sep-2029*	0	
A4510	Due to EPA Report 33	0%	0	0	0		30-Sep-2029*	0	
Semi Annual Report 34		0%	211	211	211	01-Sep-2029	30-Mar-2030	0	
A4520	Develop Report 34	0%	181	181	181	01-Sep-2029*	28-Feb-2030	0	
A4530	Due to City Report 34	0%	0	0	0		25-Mar-2030*	0	
A4540	Due to EPA Report 34	0%	0	0	0		30-Mar-2030*	0	
Semi Annual Report 35		0%	214	214	214	01-Mar-2030	30-Sep-2030	0	
A4550	Develop Report 35	0%	184	184	184	01-Mar-2030*	31-Aug-2030	0	
A4560	Due to City Report 35	0%	0	0	0		23-Sep-2030*	0	
A4570	Due to EPA Report 35	0%	0	0	0		30-Sep-2030*	0	
Annual Reports		4.04%	5174	5538	4955	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		

Activity ID	Activity Name	Jackson Schedule Layout					Total Float	Comments
		% Comp	OD	@ Dur	RD	Start		
Annual Report 5								
A4610	Develop Report 5	95.49%	4816	425	217	01-Mar-2017 A	28-Apr-2018	0
A4620	Due to City Report 5	56.99%	365	365	157	01-Mar-2017 A	28-Feb-2018	0
A4630	Due to EPA Report 5	0%	0	0	0		23-Apr-2018*	0
Annual Report 6								
A4640	Develop Report 6	0%	425	425	425	01-Mar-2018	28-Apr-2019	0
A4650	Due to City Report 6	0%	365	365	365	01-Mar-2018*	28-Feb-2019	0
A4660	Due to EPA Report 6	0%	0	0	0		22-Apr-2019*	0
Annual Report 7								
A4670	Develop Report 7	0%	426	426	426	01-Mar-2019	29-Apr-2020	0
A4680	Due to City Report 7	0%	366	366	366	01-Mar-2019*	29-Feb-2020	0
A4690	Due to EPA Report 7	0%	0	0	0		22-Apr-2020*	0
Annual Report 8								
A4700	Develop Report 8	0%	425	425	425	01-Mar-2020	29-Apr-2021	0
A4710	Due to City Report 8	0%	365	365	365	01-Mar-2020*	28-Feb-2021	0
A4720	Due to EPA Report 8	0%	0	0	0		22-Apr-2021*	0
Annual Report 9								
A4730	Develop Report 9	0%	425	425	425	01-Mar-2021	29-Apr-2022	0
A4740	Due to City Report 9	0%	365	365	365	01-Mar-2021*	28-Feb-2022	0
A4750	Due to EPA Report 9	0%	0	0	0		22-Apr-2022*	0
Annual Report 10								
A4760	Develop Report 10	0%	425	425	425	01-Mar-2022	29-Apr-2023	0
A4770	Due to City Report 10	0%	365	365	365	01-Mar-2022*	28-Feb-2023	0
A4780	Due to EPA Report 10	0%	0	0	0		24-Apr-2023*	0
Annual Report 11								
A4790	Develop Report 11	0%	426	426	426	01-Mar-2023	29-Apr-2024	0
A4800	Due to City Report 11	0%	366	366	366	01-Mar-2023*	28-Feb-2024	0
A4810	Due to EPA Report 11	0%	0	0	0		22-Apr-2024*	0
Annual Report 12								
A4820	Develop Report 12	0%	425	425	425	01-Mar-2024	29-Apr-2025	0
A4830	Due to City Report 12	0%	365	365	365	01-Mar-2024*	28-Feb-2025	0
A4840	Due to EPA Report 12	0%	0	0	0		22-Apr-2025*	0
Annual Report 13								
A4850	Develop Report 13	0%	425	425	425	01-Mar-2025	29-Apr-2026	0
A4860	Due to City Report 13	0%	365	365	365	01-Mar-2025*	28-Feb-2026	0
A4870	Due to EPA Report 13	0%	0	0	0		22-Apr-2026*	0
Annual Report 14								
A4880	Develop Report 14	0%	425	425	425	01-Mar-2026	29-Apr-2027	0
A4890	Due to City Report 14	0%	365	365	365	01-Mar-2026*	28-Feb-2027	0
A4900	Due to EPA Report 14	0%	0	0	0		22-Apr-2027*	0
Annual Report 15								
A4910	Develop Report 15	0%	426	426	426	01-Mar-2027	29-Apr-2028	0
A4920	Due to City Report 15	0%	366	366	366	01-Mar-2027*	28-Feb-2028	0
A4930	Due to EPA Report 15	0%	0	0	0		24-Apr-2028*	0
Annual Report 16								
A4940	Develop Report 16	0%	425	425	425	01-Mar-2028	29-Apr-2029	0
A4950	Due to City Report 16	0%	365	365	365	01-Mar-2028*	28-Feb-2029	0
A4960	Due to EPA Report 16	0%	0	0	0		23-Apr-2029*	0

Activity ID	Activity Name	% Comp	OD	@ Comp Dur	RD	Start	Finish	Total Float	Comments
Annual Report 17									
A4970	Develop Report 17	0%	425	425	425	01-Mar-2029	28-Apr-2030	0	
A4980	Due to City Report 17	0%	365	365	365	01-Mar-2029*	28-Feb-2030	0	
A4990	Due to EPA Report 17	0%	0	0	0	0	22-Apr-2030*	0	
Annual Report 18									
A5000	Develop Report 18	0%	425	425	425	01-Mar-2030	28-Apr-2031	0	
A5010	Due to City Report 18	0%	365	365	365	01-Mar-2030*	28-Feb-2031	0	
A5020	Due to EPA Report 18	0%	0	0	0	0	22-Apr-2031*	0	

APPENDIX A

FLOW MONITORING DATA

APRIL 2017 – SUMMARY

Overview: During the past month the following rainfall totals were recorded: RG 1 – 9.78 inches, RG 2 – 5.55 inches, RG 3 – 7.61 inches and RG 4 – 8.86 inches. Equipment issues at RG 2 likely resulted in artificially low readings at this gauge. Torrential rains occurred between 6:15 p.m. on April 2 and 4:45 a.m. on April 3. Totals recorded during this period were: RG 1 – 6.29 inches, RG 2 – 3.64 inches, RG 3 – 5.02 inches and RG 4 – 5.55 inches. The RG 1 total at the upper end of the system approached the threshold for a 25 year, 12 hour storm event. For the 6 hour period from 8:30 p.m. on April 2 to 2:30 a.m. on April 3 the total of 5.27 inches at RG 1 exceeded the threshold for a 25 year, 6 hour storm event. The Pearl River stayed above flood stage and there was surcharging throughout the wastewater collection system for several days.

Sitename	MH ID	Diameter (in)	Average Daily Flow (MGD)	Maximum Daily Flow (MGD)	Monthly Total Flow (mg)	Peak Depth (in)
WBI 1	IT0171	48	3.10	4.95	92.85	127
WBI 2	PL0544	15	Removed			
WBI 3	IT0156	48	4.54	6.74	136.18	108
WBI 4	IT0140	54	7.38	11.06	221.43	146
WBI 5	PL0028	36	0.76	1.49	22.80	135
WBI 5A	PL0167	30	2.01	3.13	60.30	112
WBI 5B	PL0079	30	0.39	0.86	11.63	134
WBI 6	HM0606	48	3.57	5.33	107.09	165
WBI 7	IT0123	54	13.84	19.91	415.10	173
WBI 8	IT0123	42	Removed			
WBI 9	HM0100A	11	0.07	0.15	2.19	5
WBI 10	EA0002	17	0.40	1.11	11.86	109
WBI 12	IT0085	54	16.35	22.37	490.60	207
WBI 13	EU0068	30	2.48	4.30	74.33	167
WBI 14	BH0221	30	1.47	2.72	44.11	48
WBI 15	BH0138	27	0.45	1.27	13.63	11
WBI 16	BH0074T	12	0.12	0.46	3.55	89
WBI 17	BH0074A	15	0.32	1.20	9.52	104
WBI 18	IT0055	66	25.55	34.14	766.59	176
WBI 19	IT0047	15	Removed			
WBI 20	IT0038	66	23.55	36.59	821.26	205
WBI 21	TN4131	24	0.43	2.01	13.00	13
WBI 22	TN4017	54	3.39	8.53	101.70	159
WBI 23	TN4005	42	Removed			
WBI 24	TN40006	48	4.69	13.74	140.78	78
WBI 25	LY0008	48	3.71	8.49	111.14	222
WBI 25 A	LY0039	48	0.43	3.19	12.84	109
WBI 26	IT0019	96	41.93	65.66	1257.78	276
WBI 27	TM0007A	24	0.58	1.13	17.31	35
WBI 28	HC0005A	37	0.89	1.60	26.68	143
WBI 29	IT0001	102	44.88	68.71	1346.27	233
CY 4	CY0280	42	0.63	3.44	18.76	84
HM 1	HM0632	24	0.98	1.42	29.50	153
TR 1	TR0050	42	1.30	3.81	34.27	32

MAY 2017 – SUMMARY

Overview: During the past month the following rainfall totals were recorded: RG 1 – 7.06 inches, RG 2 – 3.69 inches, RG 3 – 5.53 inches and RG 4 – 6.73 inches. We have performed a series of tests on RG 2 and despite the fact that it has had lower totals than other gauges during the past couple of months it appears to be working correctly. As warmer weather has set in, rain events do become more cellular. We will continue to evaluate this situation.

Sitename	MH ID	Diameter (in)	Average Daily Flow (MGD)	Maximum Daily Flow (MGD)	Monthly Total Flow (mg)	Peak Depth (in)
WBI 1	IT0171	48	2.94	4.68	91.07	102
WBI 2	PL0544	15	Removed			
WBI 3	IT0156	48	3.99	6.93	123.64	94
WBI 4	IT0140	54	6.92	12.44	214.54	107
WBI 5	PL0028	36	0.83	1.24	25.72	95
WBI 5A	PL0167	30	1.99	3.87	61.80	96
WBI 5B	PL0079	30	0.40	0.76	12.42	73
WBI 6	HM0606	48	3.30	4.03	102.40	108
WBI 7	IT0123	54	12.66	18.50	392.55	86
WBI 8	IT0123	12	Removed			
WBI 9	HM0100A	11	0.08	0.16	2.56	5
WBI 10	EA0002	17	0.36	0.68	11.11	24
WBI 12	IT0085	54	16.71	16.71	518.04	118
WBI 13	EU0068	30	2.64	3.96	81.92	156
WBI 14	BH0221	30	1.22	1.35	37.86	9
WBI 15	BH0138	27	0.47	0.88	14.45	12
WBI 16	BH0074T	12	0.05	0.14	1.53	7
WBI 17	BH0074A	15	0.21	0.37	6.50	15
WBI 18	IT0055	66	24.22	35.47	750.75	91
WBI 19	IT0047	15	Removed			
WBI 20	IT0038	66	27.00	40.24	836.63	75
WBI 21	TN4131	24	0.26	0.63	7.90	12
WBI 22	TN4017	54	3.15	7.79	97.60	24
WBI 23	TN4006	11	Removed			
WBI 24	TN40006	48	3.97	7.13	122.94	23
WBI 25	LY0008	48	3.07	8.34	95.20	28
WBI 25 A	LY0039	48	0.17	0.69	5.24	11
WBI 26	IT0019	96	39.97	68.32	1239.08	91
WBI 27	TM0007A	24	0.61	1.07	18.90	21
WBI 28	HC0005A	37	0.80	1.23	24.73	8
WBI 29	IT0001	102	43.12	73.18	1336.76	171
CY 4	CY0280	42	0.56	2.39	17.34	56
HM 1	HM0632	24	0.95	1.06	29.48	115
TR 1	TR0050	42	1.19	2.77	36.74	23

JUNE 2017 – SUMMARY

Overview: During the past month the following rainfall totals were recorded: RG 1 – 9.24 inches, RG 2 – 6.38 inches, RG 3 – 9.12 inches and RG 4 – 8.99 inches. We note that during the period from June 26 to June 29 flows increased along the WBI. There was no rainfall during this period, but the Pearl River rose above 27.5 feet during this timeframe at the USGS JACM6 gauge which is located near the U.S. Highway 80 bridge. Moving downstream from the northern end of the system, this increase in flow first becomes apparent at WBI-04 and is particularly evident in the balancing plots presented in Section Four of this report. HM-1 was down from June 2 to June 28. During that time the sensor was inaccessible due to surcharged conditions at this site.

Sitename	MHID	Diameter (in)	Average Daily Flow (MGD)	Maximum Daily Flow (MGD)	Monthly Total Flow (mg)	Peak Depth (in)
WBI 1	IT0171	48	3.20	4.70	95.86	97
WBI 2	PL0544	15	Removed			
WBI 3	IT0156	48	4.41	7.13	132.33	90
WBI 4	IT0140	54	7.06	11.68	211.83	104
WBI 5	PL0028	36	0.78	1.01	23.51	86
WBI 5A	PL0167	30	1.90	2.99	57.05	91
WBI 5B	PL0079	30	0.40	0.59	12.06	68
WBI 6	HM0606	48	2.43	3.02	73.02	105
WBI 7	IT0123	54	11.73	16.66	351.80	82
WBI 8	IT0123	12	Removed			
WBI 9	HM0100A	11	0.10	0.16	3.10	5
WBI 10	EA0002	17	0.43	0.68	13.02	21
WBI 12	IT0085	54	15.95	23.78	478.58	118
WBI 13	EU0068	30	2.82	3.56	84.48	152
WBI 14	BH0221	30	1.29	1.58	38.76	10
WBI 15	BH0138	27	0.55	0.94	16.34	10
WBI 16	BH0074T	12	0.07	0.14	2.01	10
WBI 17	BH0074A	15	0.23	0.34	6.79	11
WBI 18	IT0055	66	24.40	35.07	731.90	86
WBI 19	IT0047	15	Removed			
WBI 20	IT0038	66	27.05	38.48	811.36	102
WBI 21	TN4131	24	0.51	0.85	15.41	11
WBI 22	TN4017	54	3.81	8.75	114.63	65
WBI 23	TN4006	11	Removed			
WBI 24	TN40006	48	4.34	9.53	130.05	106
WBI 25	LY0008	48	3.94	8.54	118.21	49
WBI 25 A	LY0039	48	0.29	0.79	8.59	13
WBI 26	IT0019	96	43.48	67.81	1304.32	164
WBI 27	TM0007A	24	0.76	1.24	22.73	36
WBI 28	HC0005A	37	1.07	1.69	32.07	10
WBI 29	IT0001	102	47.58	71.08	1427.49	227
CY 4	CY0280	42	0.53	2.21	15.92	56
HM 1	HM0632	24	*0.922*	*0.923*	*3.284*	*30*
TR 1	TR0050	42	1.55	2.69	46.46	22

JULY 2017 – SUMMARY

Overview: During the past month the following rainfall totals were recorded: RG 1 – 4.34 inches, RG 2 – 3.22 inches, RG 3 – 2.52 inches and RG 4 – 2.7 inches. Rainfall patterns were very random and cellular this month.

Sitename	MH ID	Diameter (in)	Average Daily Flow (MGD)	Maximum Daily Flow (MGD)	Monthly Total Flow (mg)	Peak Depth (in)
WBI 1	IT0171	48	3.05	4.15	94.58	84
WBI 2	PL0544	15	Removed			
WBI 3	IT0156	48	4.08	5.20	124.55	74
WBI 4	IT0140	54	6.04	8.14	187.25	87
WBI 5	PL0028	36	0.76	0.94	23.48	73
WBI 5A	PL0167	30	1.67	2.56	51.63	63
WBI 5B	PL0079	30	0.35	0.51	10.75	50
WBI 6	HM0606	48	2.59	3.08	80.33	90
WBI 7	IT0123	54	10.33	13.55	320.08	62
WBI 8	IT0123	12	Removed			
WBI 9	HM0100A	11	0.08	0.10	2.50	4
WBI 10	EA0002	17	0.41	0.51	12.65	16
WBI 12	IT0085	54	14.12	18.21	437.69	49
WBI 13	EU0068	30	2.09	2.96	64.87	107
WBI 14	BH0221	30	1.32	1.59	40.84	14
WBI 15	BH0138	27	0.43	0.58	13.37	12
WBI 16	BH0074T	12	0.04	0.11	1.36	12
WBI 17	BH0074A	15	0.17	0.30	5.27	33
WBI 18	IT0055	66	23.47	28.69	727.68	123
WBI 19	IT0047	15	Removed			
WBI 20	IT0038	66	26.70	32.92	827.58	176
WBI 21	TN4131	24	0.39	0.61	12.23	11
WBI 22	TN4017	54	2.34	4.63	72.61	135
WBI 23	TN4006	11	Removed			
WBI 24	TN40006	48	2.63	4.27	81.55	54
WBI 25	LY0008	48	2.11	3.22	65.44	109
WBI 25 A	LY0039	48	0.12	0.46	3.82	20
WBI 26	IT0019	96	37.05	52.12	1148.65	248
WBI 27	TM0007A	24	0.51	0.66	15.69	17
WBI 28	HC0005A	37	0.67	0.67	20.70	93
WBI 29	IT0001	102	40.00	56.99	1240.12	233
CY 4	CY0280	42	0.30	0.75	9.12	53
HM 1	HM0632	24	1.02	1.48	31.54	90
TR 1	TR0050	42	1.10	1.48	34.21	15

AUGUST 2017 – SUMMARY

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 – 10.39 inches, RG 2 – 10.88 inches, RG 3 – 8.51 inches and RG 4 – 10.40 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	3.61	5.25	111.94	106
WBI 2	PL0544	15	Removed			
WBI 3	IT0156	48	4.44	6.41	137.58	91
WBI 4	IT0140	54	6.75	9.78	209.38	105
WBI 5	PL0028	36	0.81	1.06	24.95	94
WBI 5A	PL0167	30	1.78	2.59	55.11	94
WBI 5B	PL0079	30	0.35	0.64	10.74	71
WBI 6	HM0606	48	2.77	3.58	85.73	106
WBI 7	IT0123	54	11.42	15.47	353.90	77
WBI 8	IT0123	12	Removed			
WBI 9	HM0100A	11	0.08	0.12	2.58	5
WBI 10	EA0002	17	0.48	0.74	14.88	32
WBI 12	IT0085	54	14.55	20.92	450.95	78
WBI 13	EU0068	30	2.31	3.47	71.46	156
WBI 14	BH0221	30	1.75	4.86	54.13	18
WBI 15	BH0138	27	0.50	0.77	15.41	12
WBI 16	BH0074T	12	0.06	0.22	1.93	7
WBI 17	BH0074A	15	0.29	0.68	8.99	14
WBI 18	IT0055	66	26.42	37.36	819.04	94
WBI 19	IT0047	15	Removed			
WBI 20	IT0038	66	29.60	42.00	917.48	102
WBI 21	TN4131	24	0.33	0.61	10.19	11
WBI 22	TN4017	54	3.37	7.40	104.46	55
WBI 23	TN4006	11	Removed			
WBI 24	TN40006	48	3.25	5.82	100.62	30
WBI 25	LY0008	48	3.30	6.44	102.22	33
WBI 25 A	LY0039	48	0.24	1.41	7.28	16
WBI 26	IT0019	96	41.80	62.09	1295.75	157
WBI 27	TM0007A	24	0.50	0.69	15.64	34
WBI 28	HC0005A	37	0.66	1.09	20.31	9
WBI 29	IT0001	102	44.66	66.38	1384.58	233
CY 4	CY0280	42	0.76	2.44	23.59	66
HM 1	HM0632	24	1.02	1.37	31.45	114
TR 1	TR0050	42	1.28	2.41	39.55	23