WAGGONER

WEI/AJA, LLC

September 30, 2021

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

Michelle Clark
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. 17

Dear Lady and Sirs:

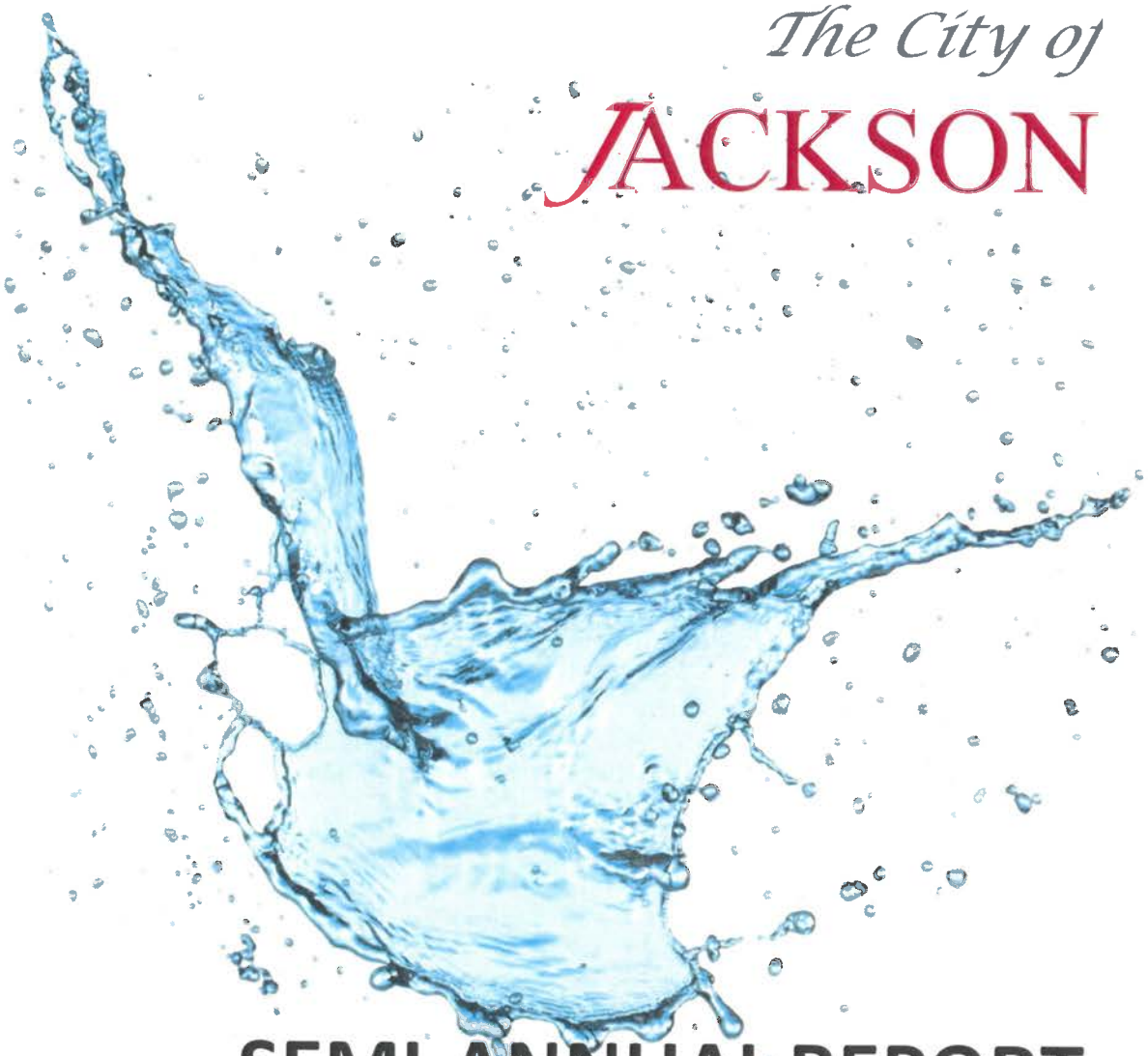
On behalf of the City of Jackson, please find enclosed the Jackson Consent Decree Semi-Annual Report No. 17. Should you have any questions, please contact me.

Sincerely,

Jennifer Jorge, Ph.D.
Program Manager

Enclosure
cc: Honorable Chokwe Antar Lumumba, Mayor
Monica D. Allen, City Attorney
Charles Williams, P.E., Ph.D., Director, Public Works Department
Terry Williamson, Legal Counsel
Public Depository, Eudora Welty Public Library
Bailey Long, P.E., MDEQ

The City of
JACKSON



SEMI-ANNUAL REPORT
REPORT NO. 17

MARCH 2021 Through AUGUST 2021

Department of Public Works
Consent Decree Program

City of Jackson
Wastewater Consent Decree Program

Semi-Annual Report No. 17
March 2021 through August 2021

September 30, 2021

Prepared for:

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

Prepared by:

WEI/AJA, LLC.
143-A LeFleurs Square
Jackson, MS 39211

City of Jackson, Mississippi
Semi-Annual Report No. 17
March 2021 through August 2021

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

9/30/2021
Date

Marlin King, Director
Department of Public Works

9/30/21
Date

Semi-Annual Report No. 17
March 2021 through August 2021

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APPENDICES

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1.0 Introduction

1.1 Consent Decree Overview

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

WEI/AJA, LLC. 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 is to 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.

Semi-Annual Report: The Project Schedule has been updated to the extent possible. However, due to the City's lack of funding for the Consent Decree Program, several of the Project Schedule Tasks have been deferred for a period of time or until additional funding is secured.

1.4 Compliance Statement

For the reporting period of March 1, 2021 through August 31, 2021, the City of Jackson, to the best of its employees' 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 and 16
- Quarterly Reports 14 and 15
- Annual Report 4
- Private Lateral Program
- Gravity Line Preventive Maintenance Program
- Training Program (Approved Program document was updated January 2021; City currently in full compliance)
- Water Quality Monitoring
- Fats, Oil and Grease (FOG) Program (Approved Program document currently being updated)
- Pump Stations Operations Program
- Pump Station Preventative Maintenance Program
- Capacity Assurance Program
- Financial Capacity Analysis Program
- Supplemental Environmental Project (SEP)
- Savanna Wastewater Treatment Plant – Type I & Type II Remedial Measures
- Group 1 Sanitary Sewer Evaluation Survey (SSES) Field Work
- Group 1 Sewershed Rehabilitation Plan.

1.5 City Meetings with EPA and MDEQ

The City continued to conduct multiple meetings with regulatory authorities during the reporting period, to provide updates on the status of the Consent Decree program implementation and to discuss the challenges the City faces with completing these tasks.

These meetings were held via teleconference calls with MDEQ, USEPA and USDOJ. During this reporting period, an agreement was reached amongst the participants and the teleconference calls started to be held biweekly, given the slowdown in activities due to the still ongoing COVID 19 pandemic. However, the City continues to provide a weekly Status Report of key agreed upon parameters to the Consent Decree regulatory agencies.

Below is a listing of the telephone conference calls that were conducted during this reporting period:		
Date	**Location**	**Purpose**
3/11/21	Conference Call	Cancelled due to ongoing water emergency
3/25/21	Conference Call	Consent Decree Status Update Meeting
4/8/21	Conference Call	Consent Decree Status Update Meeting
4/22/21	Conference Call	EPA Cancelled
5/13/21	Conference Call	Consent Decree Status Update Meeting
5/27/21	Conference Call	EPA Cancelled
6/10/21	Conference Call	EPA Cancelled
6/24/21	Conference Call	Consent Decree Status Update Meeting
8/12/21	Conference Call	Consent Decree Status Update Meeting
8/26/21	Conference Call	Consent Decree Status Update Meeting

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 required future activities as resources become available. These activities will be more fully discussed in Section 2.5 and in future 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 50% by 2022, provided funding becomes available.

There has been no new activity in the West Bank Interceptor for the period covered by this Semi-Annual Report.

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.

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
4A	IT0157-IT0170	Cleaning	5,786	2022	Completed August 2019
4B	IT0148-IT0157	Cleaning	3,751	2022	To be completed by October 13, 2022
5	IT0136-IT0148	Cleaning	6,619	2022	To be completed by October 13, 2022
6	IT0118-IT0136	Cleaning & Rehab	7,656	2022	To be completed by October 13, 2022
7	IT0035-IT0043	Cleaning & Rehab	4,729	2022	To be completed by October 13, 2022
8	TP0002-IT0002 IT0009-IT0012 IT0028-IT0029	Cleaning Cleaning Cleaning	1,568 1,087 724	2022	To be completed by October 13, 2022
9	IT0021-IT0033	Cleaning & Rehab	5,651	2030	To be completed by May 31, 2030
10	TP002-IT0001	Cleaning & Rehab	904	2030	To be completed by May 31, 2030

Work activities anticipated during the next reporting period:

- Due to lack of available funding, there is no activity planned for additional work on the West Bank Interceptor for the next 6 months.

2.1.1.1 West Bank Interceptor Flow Monitoring

As indicated in the West Bank Interceptor Rehabilitation Plan, the first activity required is to conduct sewage flow monitoring to determine the severity of inflow/infiltration (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. Please refer to Appendix A – West Bank Interceptor Flow Monitor Summary Data for detailed information.

Work activities for this period:

- Flow monitoring data continues to be monitored and summary reports have been prepared and submitted by the contractor to the City during this reporting period. Please refer to Appendix A as mentioned above for detailed information.

Work activities anticipated during the next reporting period:

- Continue long term flow monitoring on the West Bank Interceptor.
- Continue meter data review to analyze flow anomalies and take appropriate corrective action where necessary.

2.1.2 Sewershed Prioritization Work Plan

Work activities for this period:

- There has been no activity on the Sewer Prioritization Work Plan, as currently written in the Consent Decree; however, please refer to the next section for work that the City is currently performing.

Work activities anticipated during the next reporting period:

- No activity is planned for the next report period.

2.1.3 Sewershed Evaluation Plan

The City has proposed that the Sewer Evaluation Plan be revised and the Sewer Groups 1 and 2 are modified to be based on repairing sewer defects causing dry and wet weather chronic SSOs, in order to restore the conveyance capacity of the existing sewers.

Work activities for this period:

- The City has completed and submitted the application for a State Revolving Fund (SRF) loan from Mississippi Department of Environmental Quality (MDEQ) for the amount of $31,683,000 to fund the rehabilitation of Phase 1 area of the City of Jackson, as delineated in the approved Wastewater Collection System Improvements Facilities Plan; the loan has been approved by MDEQ.

- The loan amount is expected to cover the following specific items
    - Planning and Loan Application Phase Professional Services
    - Design and Land Acquisition Phase Professional Services
    - Construction and
    - Construction Phase Professional Services

- The Phase 1 area covers almost 315,000 lineal feet of pipe ranging from 6 inch to 42 inch in diameter. Of this, 210,332 lineal feet of pipe from 8 inch to 42 inch diameter will be hydraulically cleaned and closed circuit television (cctv) footage will be filmed after cleaning, to capture the defects within these pipes. The 104,290 lineal feet of 6 inch diameter pipe will be hydraulically cleaned because it is currently the source of so many SSOs within the Phase 1 area; however, all 6 inch diameter pipe will be replaced with 8 inch diameter pipe during the construction of Phase 1. This work was started in August 2021.

- All 1386 manholes within the Phase 1 area will be visually inspected from above ground. Flow velocity and volume measures will be performed prior to cleaning of pipelines to document pre-cleaned conditions. This will assist in validating cleaning efforts and provide a baseline for comparison of post-cleaning flow conditions, which in turn will assist in the evaluation of capacity when considering rehabilitation or replacement options. This work was started in August 2021.

Work activities anticipated during the next reporting period:

- Continuation and completion of the above outlined Phase 1 SSES work, ending with the submittal of a Phase 1 Area Condition Assessment Report, which will be used in the design stage of the project to rehabilitate the wastewater transmission system across the geographical area contained in Phase 1.

COJ SSES Investigation

City of Jackson SSES Field Investigation Data Collection Map

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Maxar

2.2 Wastewater Treatment Facilities

2.2.1 Savanna WWTP Improvements

The City issued a Notice to Proceed to the selected Contractor effective November 29, 2019. In accordance with the contract agreement, the number of days to achieve substantial completion was 400 days; the number of days to achieve readiness for final payment was 460 days.

Change Order #1 was approved December 19, 2020. This Change Order included the following:

- Electrical changes such as, a change in wire type, and a 480-volt feed to electrical building.
- Rerouting the West Rankin Utility Authority force main and backfilling the sinkhole caused by a force main collapse.
- Revisions to the aluminum grating support beams at the influent pump station.
- Transition motor mounts to connect the new blower motors to the existing blower.
- Removal of the existing cone valves on the three influent pumps and replacement of these valves with a swing check valve and an isolation gate valve.

Work activities for this period:

- Installation of the remaining 3 splitter box gates.
- Splitter box concrete modifications along with the installation of guardrail around the structure.
- Installation of temporary line stops and discharge valves at RAS building were installed.
- Clarifier #3 was commissioned and placed into service.
- The existing mechanism for Clarifier #1 was removed and the installation of the new mechanism, launders, and current density baffles was completed.
- Clarifier #1 was commissioned and placed into service.
- Electrical work at the influent pump station began.
- Continuation of electrical terminations from the new Electrical Building were performed.
- The installation of the HDPE piping for bypass pumping operations began.
- The flow meter for Clarifier #5 was removed and replaced.
- The Cities bypass pumps were removed and replaced with contractor's pumps.

- Repair work began on the City's temporary bypass pit structure that started failing on July 3rd, 2021.
- Blower #4 was inspected by manufacturer and found to have bad bearing. Rebuild of Blower #4 part of Change Order No. 2 schedule for approval in September 2021.
- Blower motors #1and #2 along with new gearbox couplings for each were installed and placed into service.
- Concrete wall removed from channel at the Anoxic basin removing hydraulic restriction.
- Sidewalks replaced in various areas.
- Preparation of Change Order No. 2 for execution by City in September 2021.

Work activities anticipated during the next reporting period:

- Installation of the remaining structural reinforcement at the temporary bypass pit.
- Removed bypass pumps will be reinstalled.
- Work on influent pump station will begin, based on the completion of the reinforcement of the temporary bypass pit.
- Continuation of the required electrical and equipment cabling terminations will take place.
- Underground fuel storage tank will be removed after influent pump station work is complete.

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:

- Because of limited available funding, the City is proposing elimination or deferral of the CAP MOM Program.

Work activities anticipated during the next reporting period:

- Because of limited available funding, the City is proposing elimination or deferral of the CAP Program.

2.3.2 Training Program

Significant milestones reached this period:

- The Training Program was revised January 2021(the prior reporting period) and at that point was confirmed by the City to be in full compliance of the Consent Decree requirements.

Work activities anticipated during the next reporting period:

- The City continues to execute its Training Program in compliance with Consent Decree requirements.

2.3.3 Sewer Overflow Response Plan

Work activities for this period:

- The approved SORP program was revised and updated in consultation with regulatory agencies and was finalized on March 21, 2021.
- Continued remote monitoring of high water alarms on lift stations.
- Continued Regulatory Agency notifications.
- Submitted Quarterly Reports #32 and #33.
- Developed monthly post-rainfall inspection lists and mapping through August 2021.
- Conducted 6,912 post rainfall location inspections, of which none were found to have an SSO occurring nor evidence of a previous SSO.
- Continued monthly update of SSO database.
- Continued inspections of locations that have unresolved issues, such as collapsed pipes, that contributed to SSOs.

Work activities anticipated during the next reporting period:

- Prepare and submit Quarterly Reports #34 and #35.
- Continue to remotely monitor all pump station high water levels and respond accordingly – by Veolia North America, the contracted operator.
- Update and maintain SSO database.
- Continue to map locations with multiple SSO occurrences for inspection utilizing Program Management Staff.
- Review and inspect locations with multiple SSO occurrences and determine needs by City personnel.

2.3.4 Inter-Jurisdictional Agreement Program

Work activities for this period:

- The Inter-Jurisdictional Agreement Program has been implemented.

Work activities anticipated during the next reporting period:

- No Inter-Jurisdictional Agreements are planned in the near future.

2.3.5 Private Lateral Program

Work activities for this period:

- No activities were performed.

Work activities anticipated during the next reporting period:

- No activities are planned.

2.3.6 Water Quality Monitoring Program

Work activities for this period:

- No activities were performed.

Work activities anticipated during the next reporting period:

- No activities are planned.

2.3.7 Pump Station Operations Program

Work Activities for this period:

- The contract operator (Veolia North America) is required to be compliant with the approved Pump Station Operations Program, as part of their contract with the City.
- Due to funding limitations, there have been no additional Emergency Pump Arounds (EPAs) installed during this reporting period.
- The Pump Station Operations Program CMOM report approved by EPA in 2014 is being updated to reflect the operations practices of the current contract operator, Veolia North America, who replaced the previous contract operator, United Water.

Work activities anticipated during the next reporting period:

- Veolia North America will continue to install EPAs with maintenance personnel as maintenance funding from the City allows.
- Review program criteria and monitor Veolia's implementation of the Program and evaluate Veolia's operations reports and rehabilitation plans by City personnel.
- The updated Pump Station Operations Program CMOM report will be submitted to EPA.

2.3.8 Fat, Oils and Grease Program

Work activities for this period:

- As of the end of August, 2021 there were a total of 1,130 Food Service Establishment (FSEs) in the City of Jackson. The breakdown of these FSEs by category is as follows:

61	**Hot Spot List** – FSEs in areas with recurring sewer cleaning needs
224	**Mississippi State Department of Health Category 3 & 4 FSEs** – FSEs that are large operations and/or have had repeated Health Department violations
284	**Mississippi State Department of Health Category 1 & 2 FSEs** – FSEs that are small operations and/or have a good record of Health Department compliance
92	**Institutions** – Schools, correctional facilities, feeding centers, and government buildings with food service (e.g., MS Children's Museum)
19	**Hospitals & Nursing Homes**
20	**Food Processors** – Food product manufacturing and storage facilities
15	**Mobile Food Units** – Food Trucks
46	**Coffee, Ice Cream, and Flavored Ice Shops**
153	**Churches**
186	**Child Care & Adult Day Care Facilities**
30	**Automotive Facilities & Car Washes** (new applicants only)
1,130	**Total number of FSEs in the City of Jackson**

- The City has the following priority list for performing FOG inspections:

1. **Sewer Trouble Spots Reported**
2. **FSE Hot Spot List**
3. **Category 3&4 FSEs**
4. **Category 1&2 FSEs**
5. **All other categories**

- Total first time (courtesy) inspections completed since inception of the FOG Program: 1,020
- Total follow-up inspections completed since inception of the FOG Program: 3,721

Work activities anticipated during the next reporting period:

- There are 28 FSEs currently without grease traps which will be issued a formal Notice of Violation (NOV) with a compliance deadline to install grease traps. FOG Inspectors will be monitoring compliance with the NOV directives.

2.3.9 Pump Station Preventative Maintenance Program

Work activities for this period:

- The Pump Station Preventive Maintenance Program CMOM report approved by EPA in 2014 is being updated to reflect the maintenance practices of the current contract operator, Veolia North America, who replaced the previous contract operator, United Water.

Work activities anticipated during the next reporting period:

- Continue to monitor Veolia's implementation of program and evaluate Veolia's maintenance reports and rehabilitation plans.
- The updated Pump Station Preventive Maintenance Program CMOM report will be submitted to EPA.

2.3.10 Gravity Line Preventative Maintenance Program

Work activities for this period:

- Completed the following Collection System Emergency Repair/Replacement Projects:

Location	Original Project Amount ($)	Status
Meadowbrook Road & Northview Drive	$227,781.00	Complete
Southwood Road	$124,041.94	Complete
1055 Meadowbrook Road- Phase 1	$156,744.20	Complete
Belk Distribution	$16,500.00	Complete
Gladewood Drive	$177,595.95	Complete
Meadow Lane	$67,716.45	Complete
Lorenz Blvd.	$59,712.45	Complete
Edgewood Street	$36,880.00	Complete
Belmont/Linden Drive	$121,887.75	Complete

1055 Meadowbrook Road- Phase 2	$341,620.50	Complete
CES Cleaning and CCTV Contract	$247,500.00	Complete
Brussels Drive	$39,055.96	Complete
Cedars of Lebanon	$40,384.00	Complete
Lamar/Bell Street	$386,270.00	Complete
Delaware Ave	$98,000.00	Complete
Forest Hill Road	$36,156.50	Complete

- Ongoing/Pending (After 8/31/2021):

Location	Original Project Amount ($)	Status
Tyrone Drive	$45,516	Ongoing
160 Industrial Drive	$101,622	Ongoing
Eubanks Creek Interceptor	$1,791,238.00	Ongoing

Work activities anticipated during the next reporting period:

- Continue to hire sewer maintenance staff to fill open positions based on available budget.
- All future activities are contingent on available funding.

2.3.11 WWTP Operations and Maintenance Program

Work activities for this period:

- A partial listing of maintenance activities for the reporting period is included in Appendix C.
- Monthly meetings resumed April 2021 with City and Veolia to review operations and maintenance activities and discuss operational issues.
- The Wastewater Treatment Plant Operations and Maintenance Program CMOM report approved by EPA in 2015 is being updated to reflect the O&M practices of the current contract operator, Veolia North America, who replaced the previous contract operator, United Water.

Work activities anticipated during the next reporting period:

- Monitor Veolia's implementation of Consent Decree Program, and review monthly operations reports and rehabilitation plans.
- The updated Wastewater Treatment Plant Operations and Maintenance Program CMOM report will be submitted to EPA.

2.3.12 Financing and Cost Analysis Program

Work activities for this period:

- Continue using Financial models (Short-Term Financial Model and Long-Term Financial Model) to assist City staff with Consent Decree Modification work.

Work activities anticipated during the next reporting period:

- Continue implementation of the Program as required, provided funds are available.
- Update Long Term Financial Model.

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:

- The Program Management Team requested and received approval from the City of Jackson to provide CCTV services to 51 prior approved addresses. HydroFlow Solutions completed 24 CCTV's.

- By August 2021, the following addresses had been completed from our previous grouping:

  3620 Sunset Drive
  1903 Will O Wisp Way
  2636 Milo Avenue
  1320 Brinkley Drive
  1064 Claiborne Avenue
  2831 Carver Street
  317 Buena Vista Avenue
  6122 Floral Drive
  206 Hilliyard Court
  226 Western Hills

- The Program Management Team provided coordination with homeowners, assured proper authorization and documentation, as well as on-site observation and final inspection. Upon completion of each project, the Program Management Team assembled required documentation and provided it to the City for processing of payment to the contractor.

Work activities anticipated during the next reporting period:

- During the next 6 months, we expect to solicit contractors to perform the needed repairs according to the reviews of the CCTV's. We also plan to continue to cctv and award contracts upon verification of defects.

2.5 Program Management Activities

Work Activities for this period:

- Submitted Quarterly, Semi-Annual, SEP Semi-Annual and Annual regulatory reports.
- Prepared and conducted Consent Decree Progress Conference Calls with City Staff, EPA, MDEQ and DOJ.
- Provided weekly Reports of activity to MDEQ and EPA.
- Provided overall program administration.

Work activities anticipated during the next reporting period:

Because of limited available funding, City is going to focus on four (4) initiatives:

- Continue Consent Decree Compliance Reporting;
- Continue Consent Decree Modification discussions with Regulatory Agencies;
- Update Long-Term and Short-Term Financial Model;
- Continue Consent Decree Program Management to achieve the above Consent Decree initiatives.

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.

Activity ID	Activity Name	% Comp	OD	@ Comp Dur	RD	Start	Finish	Total Float	Comments
97348 - Jackson Compliance Schedule		37.01%	7212	7812	4543	10-Oct-2011 A	27-Feb-2033	425	
Phase Approach for WCTS Evaluation and Rehabilitaion		33.35%	6817	7273	4543	01-Apr-2013 A	27-Feb-2033	425	
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		98.79%	2558	2649	31	01-Apr-2014 A	01-Jul-2021	3834	
A1010	West Bank Interceptor Rehabiliation Plan (Summary)	98.79%	2558	2649	31	01-Apr-2014 A	01-Jul-2021	3834	
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 Rehabiliation Plan (4-17-16)	100%	0	0	0		31-Mar-2016 A		22 months after EPA1
EPA2	EPA Review & Approval West Bank Interceptor Rehabiliation Plan	100%	195	195	0	01-Apr-2016 A	13-Oct-2016 A		
West Bank Interceptor Facilities Plan & SRF Application		0%	31	31	31	01-Jun-2021	01-Jul-2021	3834	
A1060	West Bank Interceptor Facilities Plan & SRF Application (Summary)	0%	31	31	31	01-Jun-2021*	01-Jul-2021	3834	City Considering FP & Submitting for SRF Funds
WBI Yearly Flow Monitoring		32.52%	5024	5024	3390	01-Apr-2016 A	01-Jan-2030	728	
A1750	WBI Flow Monitoring (Ongoing)	32.52%	5024	5024	3390	01-Apr-2016 A	01-Jan-2030	728	Data collection contract restarted in January 2020
West Bank Interceptor Rehabilitation Design and Construction - Phase 1		63.01%	3866	4252	1430	10-Jun-2013 A	29-Jan-2025	-929	
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		100%	1671	1368	0	01-Feb-2016 A	31-Oct-2019 A		
A1110	Design	100%	89	89	0	01-Feb-2016 A	30-Apr-2016 A		
A1120	Procure	100%	685	244	0	01-Mar-2019 A	31-Oct-2019 A		
A1130	Cleaning	100%	845	213	0	01-Apr-2019 A	31-Oct-2019 A		
Project 5 - MH IT0133-IT0148 Cleaning only		0%	334	334	334	02-Mar-2021	29-Jan-2022	167	
A1140	Design	0%	90	90	90	02-Mar-2021*	30-May-2021	-929	
A1150	Procure	0%	122	122	122	31-May-2021	29-Sep-2021	167	
A1160	Cleaning	0%	122	122	122	30-Sep-2021	29-Jan-2022	167	
Project 6 - MH IT0118-IT0133 Rehab		0%	549	549	549	30-Aug-2021	01-Mar-2023	-929	
A1170	Design	0%	184	184	184	30-Aug-2021	01-Mar-2022	-929	
A1180	Procure	0%	120	120	120	02-Mar-2022	29-Jun-2022	-929	
A1190	Construction	0%	245	245	245	30-Jun-2022	01-Mar-2023	-929	
Project 7 - MH IT0035-IT0043 Rehab		0%	520	520	520	29-Sep-2022	01-Mar-2024	929	
A1200	Design	0%	154	154	154	29-Sep-2022	01-Mar-2023	-929	
A1210	Procure	0%	121	121	121	02-Mar-2023	30-Jun-2023	-929	

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A1220	Construction	0%	245	245	245	01-Jul-2023	01-Mar-2024	-929	
Project 8 - TP24T02, IT094T12, IT284T29 Cleaning only		0%	334	334	334	02-Mar-2024	29-Jan-2025	-929	
A1230	Design	0%	90	90	90	02-Mar-2024	30-May-2024	-929	
A1240	Procure	0%	122	122	122	31-May-2024	29-Sep-2024	-929	
A1250	Cleaning	0%	122	122	122	30-Sep-2024	29-Jan-2025	-929	
West Bank Interceptor Activity Report - Phase 1		0%	274	274	274	30-Jan-2025	30-Oct-2025	2252	
A1361	Develop Report West Bank Interceptor Phase 1	0%	90	90	90	30-Jan-2025	29-Apr-2025	-929	
MS3	Submit Report West Bank Interceptor Phase 1 (10-13-22)	0%	0	0	0		29-Apr-2025*	-929	72 months after approval of EPA2
EPA3	EPA Review & Approval West Bank Interceptor	0%	184	184	184	30-Apr-2025	30-Oct-2025	2252	
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		100%	3149	3606	0	01-Jun-2013 A	16-Apr-2023	3181	
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		100%	1032	2009	0	01-Jun-2013 A	30-Nov-2018 A		
A1470	Field Data Collection / GIS Mapping	100%	1002	1002	0	01-Jun-2013 A	28-Feb-2016 A		
A1480	Field Verification	100%	609	609	0	01-Apr-2017 A	30-Nov-2018 A		
Hydraulic Modeling		100%	913	760	0	01-Apr-2017 A	30-Apr-2019 A		
A1490	Hydraulic Modeling	100%	913	760	0	01-Apr-2017 A	30-Apr-2019 A		Existing Conditions modeling only
WCTS Capacity Assessment		100%	1871	1993	0	31-Oct-2017 A	16-Apr-2023	-1780	
A1510	Capacity Assessment	100%	121	122	0	31-Oct-2017 A	02-Mar-2018 A		
A1500	Pump Stations Condition Assessment	0%	0	0	0	16-Apr-2023	16-Apr-2023	-1780	
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 received on 2-7-18
Sewershed Evaluation Plan		35.72%	5772	7090	3710	01-Oct-2013 A	27-Feb-2033	425	
A1520	Develop Sewershed Evaluation Plan	100%	150	150	0	01-Oct-2013 A	28-Feb-2014 A		

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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		0%	2616	2616	2616	02-Jan-2023	01-Mar-2030	669	
WCTS Evaluation Sewer Group 1		0%	274	274	274	01-Mar-2023	29-Nov-2023	-2008	
A1530	Procure	0%	46	46	46	01-Mar-2023*	15-Apr-2023	-2008	
A1540	Evaluation of Sewershed Group 1	0%	228	228	228	16-Apr-2023	29-Nov-2023	-2008	
MS9	Complete Evaluation of Sewershed Group 1 (6-1-18)	0%	0	0	0		29-Nov-2023*	-2008	63 months from date of entry 3-1-13
Group 1 SSES Studies		0%	307	307	307	01-May-2023	02-Mar-2024	2859	
A1550	Procure	0%	76	76	76	01-May-2023*	15-Jul-2023	2859	
A1560	Group1 SSES Studies	0%	215	215	215	01-Aug-2023	02-Mar-2024	2859	Only Group 1, Contract 3 to proceed initially
Pre-Rehab Flow Monitoring		0%	242	242	242	02-Jan-2023	31-Aug-2023	3043	
A1570	Procure	0%	88	88	88	02-Jan-2023*	30-Mar-2023	3043	
A1580	Flow Monitoring	0%	109	109	109	15-May-2023	31-Aug-2023	3043	Only Group 1, Contract 3 to proceed initially
WCTS Evaluation Report/ Rehabilitation Plan- Group 1		0%	273	273	273	30-Nov-2023	28-Aug-2024	-2008	
A1590	Develop WCTS Evaluation Report/ Rehabilitation Plan- Group 1	0%	92	92	92	30-Nov-2023	29-Feb-2024	-2008	CD Modification will change dates
MS8	Submit WCTS Evaluation Report/ Rehabilitation Plan- Group 1 (8-31-18)	0%	0	0	0		29-Feb-2024*	-2008	CD Modification will change dates
EPA8	EPA Review & Approval WCTS Evaluation Report/ Rehabilitation Plan- Group 1	0%	181	181	181	01-Mar-2024	28-Aug-2024	-2008	CD Modification will change dates
WCTS Rehabilitation Design and Construction Group 1		0%	1736	1736	1736	29-Aug-2024	30-May-2029	-2008	
A1600	Procure	0%	156	156	156	29-Aug-2024	31-Jan-2025	-2008	
A1610	Design	0%	730	730	730	01-Feb-2025	31-Jan-2027	-2008	
A1620	Bid	0%	120	120	120	01-Feb-2027	31-May-2027	-2008	
A1630	Construction	0%	730	730	730	01-Jun-2027	30-May-2029	-2008	
MS10	Complete WCTS Rehabilitation Design and Construction Group 1 (12-1-23)	0%	0	0	0		30-May-2029*	-2008	129 months from date of entry 3-1-13
WCTS Rehabilitation Activity Report (By Design Engineer) Group 1		0%	275	275	275	31-May-2029	01-Mar-2030	669	
A1640	Develop WCTS Rehabilitation Activity Report - Group 1	0%	91	91	91	31-May-2029	29-Aug-2029	-2008	
MS11	Submit WCTS Rehabilitation Activity Report - Group 1 (2-29-24)	0%	0	0	0		29-Aug-2029*	-2008	3 months from completion of MS10
EPA9	EPA Review & Approval WCTS Rehabilitation Activity Report - Group 1	0%	184	184	184	30-Aug-2029	01-Mar-2030	669	
Sewershed Group 2		0%	2921	2921	2921	01-Mar-2025	27-Feb-2033	-425	
WCTS Evaluation - SSES, Etc. - Sewer Group 2		0%	640	640	640	01-Mar-2025	30-Nov-2026	-730	
A1650	Procure	0%	92	92	92	01-Mar-2025*	31-May-2025	-730	
A1660	Evaluation of Sewershed Group 2	0%	548	548	548	01-Jun-2025	30-Nov-2026	-730	
MS12	Complete Evaluation of Sewershed Group 2 (12-1-24)	0%	0	0	0		30-Nov-2026*	-730	141 months from date of entry 3-1-13
WCTS Evaluation Report/ Rehabilitation Plan - Group 2		0%	274	274	274	01-Dec-2026	31-Aug-2027	-730	
A1670	Develop WCTS Evaluation Report/ Rehabilitation Plan- Group 2	0%	90	90	90	01-Dec-2026	28-Feb-2027	-730	
MS13	Submit WCTS Evaluation Report/ Rehabilitation Plan- Group 2 (2-28-25)	0%	0	0	0		28-Feb-2027*	-730	3 months from completion of MS12
EPA10	EPA Review & Approval WCTS Evaluation Report/ Rehabilitation Plan- Group 2	0%	184	184	184	01-Mar-2027	31-Aug-2027	-730	
WCTS Rehabilitation Design and Construction Group 2		0%	1734	1734	1734	01-Sep-2027	30-May-2032	-730	
A1680	Procure	0%	154	154	154	01-Sep-2027	01-Feb-2028	-730	
A1690	Design	0%	730	730	730	02-Feb-2028	31-Jan-2030	-730	
A1700	Bid	0%	120	120	120	01-Feb-2030	31-May-2030	-730	
A1710	Construction	0%	730	730	730	01-Jun-2030	30-May-2032	-730	
MS14	Complete WCTS Rehabilitation Design and Construction Group 1 (6-1-30)	0%	0	0	0		30-May-2032*	-730	207 months from date of entry 3-1-13
WCTS Rehabilitation Activity Report (By Design Engineer) Group 2		0%	273	273	273	31-May-2032	27-Feb-2033	-425	
A1720	Develop WCTS Rehabilitation Activity Report - Group 2	0%	92	92	92	31-May-2032	30-Aug-2032	-730	
MS15	Submit WCTS Rehabilitation Activity Report - Group 2 (8-31-30)	0%	0	0	0		30-Aug-2032*	-730	3 months from completion of MS14
EPA11	EPA Review & Approval WCTS Rehabilitation Activity Report - Group 2	0%	181	181	181	31-Aug-2032	27-Feb-2033	-425	
Comprehensive Performance Evaluation (CPE) & Composite Correction Program (CCF		55.65%	4140	4597	1836	01-Mar-2013 A	30-Sep-2025	2282	

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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		
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		35.92%	2007	2007	1286	01-Oct-2018 A	29-Mar-2024	-1436	
A1800	Type I & II Corective Actions	35.92%	2007	2007	1286	01-Oct-2018 A	29-Mar-2024	-1436	Construction Contract awarded currently in submittal stage
MS19	Complete Type I & II Corective Actions	0%	0	0	0		29-Mar-2024*	-1436	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	CD modification will change dates
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		Compliance 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)		49.27%	5456	5900	2630	10-Oct-2011 A	04-Dec-2027	1487	
CMOM Training Program		99.56%	2259	2587	10	01-Sep-2013 A	30-Sep-2020	-1985	
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)	99.56%	2259	2350	10	26-Apr-2014 A	30-Sep-2020*	-1985	12 months after Approval of EPA15
CMOM Capacity Assurance Program (CAP)		71.63%	2859	3162	811	31-Aug-2017 A	28-Apr-2026	-1827	
MS25.1	Submit CMOM CAP Interm (9-1-17)	100%	0	0	0		31-Aug-2017 A		54 months from date of entry 3-1-13. Interm CAP submitted 8-31-17
EPA35	EPA Review & Approval of Interm CMOM CAP	100%	180	159	0	01-Sep-2017 A	07-Feb-2018 A		
A1880	Develop CMOM CAP	0%	266	266	266	08-Feb-2024*	30-Oct-2024	-2616	Tied to Hydraulic Modeling complete plus 30 days
MS25	Submit CMOM CAP Final (9-1-17)	0%	0	0	0		30-Oct-2024*	-2616	54 months from date of entry 3-1-13. Interm CAP submitted 8-31-17
EPA16	EPA Review & Approval of CMOM CAP	0%	180	180	180	31-Oct-2024	28-Apr-2025	-1827	
A1890	Implementation of CMOM CAP	0%	365	365	365	29-Apr-2025	28-Apr-2026*	-1827	12 months after Approval of EPA16
CMOM Sewer Overflow Response Plan		98.79%	3309	3309	40	10-Oct-2011 A	30-Oct-2020	4078	
A1920	CMOM Sewer Overflow Response Plan	98.79%	3309	3309	40	10-Oct-2011 A	30-Oct-2020	4078	ongoing for duration of Consent Decree

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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		
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		48.77%	4913	4913	2517	01-Mar-2014 A	12-Aug-2027	-3652	
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)	0%	365	4017	2517	13-Aug-2016 A	12-Aug-2027*	-3652	12 months after Approval of EPA18, Implementation has not been started
CMOM Water Quality Monitoring Program		0%	1553	5027	2631	01-Mar-2014 A	04-Dec-2027	-3287	
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	3652	2631	05-Dec-2017 A	04-Dec-2027*	-3287	12 months after Approval of EPA19
CMOM Pump Station Operations Program		100%	1552	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		85.54%	3120	3120	451	01-Jun-2013 A	15-Dec-2021	-2064	
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)	81.44%	2430	2430	451	22-Apr-2015 A	15-Dec-2021*	-2064	12 months after Approval of EPA23, Not fully Implemented
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		91.38%	2578	2891	222	01-Jun-2013 A	30-Apr-2021	-687	
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		

TASK filter: All Activities
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Activity ID	Activity Name	% Comp	OD	@ Comp Dur	RD	Start	Finish	Total Float	Comments
A2080	Implementation of Financing and Cost Analysis Program (6-13-19)	73.03%	823	1144	222	14-Mar-2018 A	30-Apr-2021*	-687	15 months after approval of EPA25.1
Supplemental Environmental Project (SEP)		79.65%	3226	3226	649	01-Sep-2013 A	01-Jul-2022	3469	
Escrow Deposit		100%	2558	2558	0	01-Sep-2013 A	01-Sep-2020 A		
A6000	City to make deposit into SEP Escrow Account (9-1-13)	100%	1	0	0	01-Sep-2013 A	01-Sep-2013 A		$175K
A6010	City to make deposit into SEP Escrow Account (9-1-14)	100%	1	1	0	01-Sep-2014 A	01-Sep-2014 A		$100K
A6020	City to make deposit into SEP Escrow Account (9-1-15)	100%	1	1	0	01-Sep-2015 A	01-Sep-2015 A		$100K
A6030	City to make deposit into SEP Escrow Account (9-1-16)	100%	1	1	0	01-Sep-2016 A	01-Sep-2016 A		$100K
A6040	City to make deposit into SEP Escrow Account (9-1-17)	100%	1	1	0	01-Sep-2017 A	01-Sep-2017 A		$100K
A6050	City to make deposit into SEP Escrow Account (9-1-18)	100%	1	1	0	01-Sep-2018 A	01-Sep-2018 A		$100K
A6060	City to make deposit into SEP Escrow Account (9-1-19)	100%	1	1	0	01-Sep-2019 A	02-Sep-2019 A		$100K
A6070	City to make deposit into SEP Escrow Account (9-1-20)	100%	1	1	0	01-Sep-2020 A	01-Sep-2020 A		$100K
Semi Annual Report		96.66%	745	2588	10	02-Sep-2013 A	30-Sep-2020	4108	
A6090	Executed Escrow Agreement & EPA Documentation of Deposit 2013	100%	5	28	0	02-Sep-2013 A	30-Sep-2013 A		Within 30 days of Deposit
A6100	EPA Documentation of Deposit 2014	100%	5	28	0	02-Sep-2014 A	30-Sep-2014 A		Within 30 days of Deposit
A6110	EPA Documentation of Deposit 2015	100%	5	28	0	02-Sep-2015 A	30-Sep-2015 A		Within 30 days of Deposit
A6120	EPA Documentation of Deposit 2016	100%	5	28	0	02-Sep-2016 A	30-Sep-2016 A		Within 30 days of Deposit
A6130	EPA Documentation of Deposit 2017	100%	5	28	0	02-Sep-2017 A	30-Sep-2017 A		Within 30 days of Deposit
A6140	EPA Documentation of Deposit 2018	100%	5	28	0	02-Sep-2018 A	30-Sep-2018 A		Within 30 days of Deposit
A6150	EPA Documentation of Deposit 2019	100%	29	29	0	02-Sep-2019 A	30-Sep-2019 A		Within 30 days of Deposit
A6160	EPA Documentation of Deposit 2020	65.52%	29	29	10	02-Sep-2020 A	30-Sep-2020	4108	Within 30 days of Deposit
Final Completion Report		0%	31	31	31	01-Jun-2022	01-Jul-2022	3469	
A6080	SEP Completion Report	0%	31	31	31	01-Jun-2022*	01-Jul-2022	3469	Submit 30 days after SEP Projects Complete
Reporting Requirements		25.14%	5174	5933	3875	01-Mar-2016 A	26-Apr-2031	245	
Quarterly Reports		25.13%	4931	5051	3692	01-Jan-2017 A	30-Oct-2030	426	
Quarterly Report 16		100%	90	128	0	01-Jan-2017 A	08-May-2017 A		
Quarterly Report 17		100%	156	122	0	01-Apr-2017 A	31-Jul-2017 A		
Quarterly Report 18		100%	122	122	0	01-Jul-2017 A	30-Oct-2017 A		
Quarterly Report 19		100%	122	122	0	01-Oct-2017 A	30-Jan-2018 A		
Quarterly Report 20		100%	120	120	0	01-Jan-2018 A	30-Apr-2018 A		
Quarterly Report 21		100%	121	121	0	01-Apr-2018 A	30-Jul-2018 A		
Quarterly Report 22		100%	122	122	0	01-Jul-2018 A	30-Oct-2018 A		
Quarterly Report 23		100%	122	122	0	01-Oct-2018 A	30-Jan-2019 A		
Quarterly Report 24		100%	120	120	0	01-Jan-2019 A	30-Apr-2019 A		
Quarterly Report 25		100%	121	121	0	01-Apr-2019 A	30-Jul-2019 A		
Quarterly Report 26		100%	122	122	0	01-Jul-2019 A	30-Oct-2019 A		
Quarterly Report 27		100%	122	122	0	01-Oct-2019 A	30-Jan-2020 A		
Quarterly Report 28		100%	121	121	0	01-Jan-2020 A	30-Apr-2020 A		
Quarterly Report 29		100%	121	121	0	01-Apr-2020 A	30-Jul-2020 A		
Quarterly Report 30		67.21%	122	122	40	01-Jul-2020 A	30-Oct-2020	0	
A2510	Develop Report 30	89.13%	92	92	10	01-Jul-2020 A	30-Sep-2020	0	
A2520	Due to City Report 30	0%	0	0	0		23-Oct-2020*	0	
A2530	Due to EPA Report 30	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		25-Jan-2021*	0	
A2560	Due to EPA Report 31	0%	0	0	0		30-Jan-2021*	0	

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Activity ID	Activity Name	% Comp	OD	@ Comp Dur	RD	Start	Finish	Total Float	Comments
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		23-Apr-2021*	0	
A2590	Due to EPA Report 32	0%	0	0	0		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	
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		26.66%	4993	5143	3662	01-Sep-2016 A	30-Sep-2030	456	
Semi Annual Report 8		100%	4990	230	0	01-Sep-2016 A	18-Apr-2017 A		
Semi Annual Report 9		100%	4821	245	0	01-Mar-2017 A	31-Oct-2017 A		
Semi Annual Report 10		100%	182	206	0	01-Sep-2017 A	25-Mar-2018 A		
Semi Annual Report 11		100%	187	187	0	28-Mar-2018 A	30-Sep-2018 A		

TASK filter: All Activities
Progress Thru 21-Sep-2020

Activity ID	Activity Name	% Comp	OD	Comp Dur	RD	Start	Finish	Total Float	Comments
Semi Annual Report 12		100%	211	205	0	01-Sep-2018 A	25-Mar-2019 A		
Semi Annual Report 13		100%	211	214	0	01-Mar-2019 A	30-Sep-2019 A		
Semi Annual Report 14		100%	212	212	0	01-Sep-2019 A	30-Mar-2020 A		
A3920	Develop Report 14	100%	194	194	0	01-Sep-2019 A	12-Mar-2020 A		
A3930	Due to City Report 14	100%	0	0	0		13-Mar-2020 A		
A3940	Due to EPA Report 14	100%	0	0	0		30-Mar-2020 A		
Semi Annual Report 15		96.73%	214	214	7	01-Mar-2020 A	30-Sep-2020	0	
A3950	Develop Report 15	100%	184	184	0	01-Mar-2020 A	31-Aug-2020 A		
A3960	Due to City Report 15	0%	0	0	0		23-Sep-2020*	0	
A3970	Due to EPA Report 15	0%	0	0	0		30-Sep-2020*	0	
Semi Annual Report 16		9.48%	211	211	191	01-Sep-2020 A	30-Mar-2021	0	
A3980	Develop Report 16	11.05%	181	181	161	01-Sep-2020 A	28-Feb-2021	0	
A3990	Due to City Report 16	0%	0	0	0		23-Mar-2021*	0	
A4000	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	
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		25.14%	5174	5538	3873	01-Mar-2016 A	29-Apr-2031	245	
Annual Report 4		100%	5174	428	0	01-Mar-2016 A	02-May-2017 A		
Annual Report 5		100%	4816	425	0	01-Mar-2017 A	29-Apr-2018 A		
Annual Report 6		100%	395	395	0	31-Mar-2018 A	30-Apr-2019 A		
Annual Report 7		100%	423	423	0	04-Mar-2019 A	29-Apr-2020 A		
Annual Report 8		47.88%	424	424	221	02-Mar-2020 A	29-Apr-2021	0	
A4700	Develop Report 8	55.77%	364	364	161	02-Mar-2020 A	28-Feb-2021	0	
A4710	Due to City Report 8	0%	0	0	0		22-Apr-2021*	0	
A4720	Due to EPA Report 8	0%	0	0	0		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	

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Activity ID	Activity Name	% Comp	OD	@ Comp Dur	RD	Start	Finish	Total Float	Comments
	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	

TASK filter: All Activities
Progress Thru 21-Sep-2020

Appendix A

West Bank Interceptor
Flow Monitor Summary Data

SECTION FIVE – 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 – 6.11 inches, RG 2 – 6.64 inches, RG 3 – 5.9 inches and RG 4 – 6.16 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	7.29	9.19	225.53	120
WBI 2	PL0544	15	Removed			
WBI 3	IT0156	48	9.19	10.68	284.62	110
WBI 4	IT0140	54	11.69	13.97	361.99	113
WBI 5	PL0028	36	1.18	1.52	36.63	98
WBI 5A	PL0167	30	1.95	2.48	60.31	90
WBI 5B	PL0079	30	0.40	0.67	12.41	95
WBI 6	HM0606	48	4.18	5.95	129.27	106
WBI 7	IT0123	48	18.21	22.04	563.88	102
WBI 8	IT0123	12	Removed			
WBI 9	HM0100A	11	0.04	0.08	1.25	4
WBI 10	EA0002	17	0.53	0.96	16.29	155
WBI 12	IT0085	54	20.08	24.58	621.73	157
WBI 13	EU0068	30	2.45	3.30	75.72	160
WBI 14	BH0221	30	0.92	1.44	28.52	41
WBI 15	BH0138	27	0.40	0.77	12.45	40
WBI 16	BH0074T	12	0.11	0.27	3.43	87
WBI 17	BH0074A	15	0.82	2.61	25.38	81
WBI 18	IT0055	66	26.41	33.51	817.68	182
WBI 19	IT0047	15	Removed			
WBI 20	IT0038	66	28.96	35.50	896.39	213
WBI 21	TN4131	24	0.15	0.20	4.77	4
WBI 22	TN4017	54	3.84	11.75	118.90	174
WBI 23	TN4006	11	Removed			
WBI 24	TN40006	48	4.21	7.51	130.43	96
WBI 25	LY0008	48	2.70	8.06	83.67	182
WBI 25 A	LY0039	48	0.42	2.75	12.90	79
WBI 26	IT0019	96	46.44	73.09	1437.76	242
WBI 27	TM0007A	24	0.50	0.79	15.32	116
WBI 28	HC0005A	37	0.88	2.09	27.17	111
WBI 29	IT0001	102	54.58	88.75	1689.78	223
CY 4	CY0280	42	2.67	5.26	82.59	115
HM 1	HM0632	24	1.46	1.82	45.24	96
TR 1	TR0050	42	1.76	2.44	54.38	28

SECTION FIVE – 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 – 7.72 inches, RG 2 – 8.41 inches, RG 3 – 7.05 inches and RG 4 – 6.98 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	7.50	10.81	224.89	131
WBI 2	PL0544	15	Removed			
WBI 3	IT0156	48	9.00	11.66	269.86	114
WBI 4	IT0140	54	11.41	15.03	342.27	113
WBI 5	PL0028	36	1.24	1.57	37.04	119
WBI 5A	PL0167	30	1.55	2.83	46.34	119
WBI 5B	PL0079	30	0.41	0.61	12.31	101
WBI 6	HM0606	48	3.90	5.02	116.88	119
WBI 7	IT0123	48	17.78	22.97	533.48	108
WBI 8	IT0123	12	Removed			
WBI 9	HM0100A	11	0.03	0.15	0.98	5
WBI 10	EA0002	17	0.43	0.73	12.76	154
WBI 12	IT0085	54	19.28	24.95	578.27	105
WBI 13	EU0068	30	2.33	3.32	69.91	161
WBI 14	BH0221	30	0.93	1.81	27.87	37
WBI 15	BH0138	27	0.80	3.51	24.10	30
WBI 16	BH0074T	12	0.21	0.63	6.23	85
WBI 17	BH0074A	15	0.54	2.17	16.21	91
WBI 18	IT0055	66	26.26	37.03	787.93	180
WBI 19	IT0047	15	Removed			
WBI 20	IT0038	66	28.42	37.03	852.57	225
WBI 21	TN4131	24	0.16	0.34	4.86	7
WBI 22	TN4017	54	4.76	13.44	142.69	205
WBI 23	TN4006	11	Removed			
WBI 24	TN40006	48	4.69	9.64	140.62	120
WBI 25	LY0008	48	3.27	12.97	98.16	206
WBI 25 A	LY0039	48	1.49	9.72	44.76	96
WBI 26	IT0019	96	46.86	87.35	1405.83	245
WBI 27	TM0007A	24	0.62	1.56	18.51	132
WBI 28	HC0005A	37	1.17	3.41	34.94	128
WBI 29	IT0001	102	53.99	101.01	1619.79	223
CY 4	CY0280	42	2.47	8.46	74.03	131
HM 1	HM0632	24	1.38	2.25	41.50	114
TR 1	TR0050	42	1.87	4.37	56.23	132

SECTION FIVE – 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 – 5.42 inches, RG 2 – 4.31 inches, RG 3 – 3.33 inches and RG 4 – 3.17 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	5.83	8.88	180.70	123
WBI 2	PL0544	15	Removed			
WBI 3	IT0156	48	7.89	10.23	244.58	112
WBI 4	IT0140	54	10.27	14.59	318.33	116
WBI 5	PL0028	36	1.22	1.53	37.74	108
WBI 5A	PL0167	30	1.60	2.46	49.60	109
WBI 5B	PL0079	30	0.43	0.89	13.32	102
WBI 6	HM0606	48	3.61	4.97	111.84	110
WBI 7	IT0123	48	16.47	24.62	510.62	93
WBI 8	IT0123	12	Removed			
WBI 9	HM0100A	11	0.04	0.10	1.11	5
WBI 10	EA0002	17	0.33	0.60	10.35	102
WBI 12	IT0085	54	18.47	26.48	572.46	143
WBI 13	EU0068	30	2.36	3.40	73.09	144
WBI 14	BH0221	30	0.79	1.01	24.35	8
WBI 15	BH0138	27	0.32	0.48	9.97	7
WBI 16	BH0074T	12	0.10	0.28	3.03	70
WBI 17	BH0074A	15	0.54	1.27	16.86	93
WBI 18	IT0055	66	24.59	35.64	762.13	169
WBI 19	IT0047	15	Removed			
WBI 20	IT0038	66	26.72	39.28	828.19	192
WBI 21	TN4131	24	0.16	0.20	4.95	4
WBI 22	TN4017	54	1.96	5.27	60.82	141
WBI 23	TN4006	11	Removed			
WBI 24	TN40006	48	2.76	6.09	85.58	61
WBI 25	LY0008	48	1.63	4.91	50.65	125
WBI 25 A	LY0039	48	0.30	1.51	9.34	28
WBI 26	IT0019	96	37.61	63.92	1165.80	242
WBI 27	TM0007A	24	0.47	0.72	14.69	89
WBI 28	HC0005A	37	0.58	1.33	18.07	84
WBI 29	IT0001	102	42.10	72.51	1305.04	223
CY 4	CY0280	42	1.95	4.09	60.59	52
HM 1	HM0632	24	1.37	1.75	42.47	83
TR 1	TR0050	42	1.69	3.06	52.37	53

SECTION FIVE – 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 – 4.13 inches, RG 2 – 4.50 inches, RG 3 – 3.82 inches and RG 4 – 5.93 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	6.41	8.88	192.27	107
WBI 2	PL0544	15	Removed			
WBI 3	IT0156	48	8.23	10.46	246.89	97
WBI 4	IT0140	54	10.23	13.37	306.80	87
WBI 5	PL0028	36	1.19	1.38	35.60	90
WBI 5A	PL0167	30	1.51	2.52	45.27	105
WBI 5B	PL0079	30	0.39	0.80	11.72	110
WBI 6	HM0606	48	3.48	4.16	104.30	4
WBI 7	IT0123	48	17.17	23.06	515.04	146
WBI 8	IT0123	12	Removed			
WBI 9	HM0100A	11	0.03	0.08	0.96	164
WBI 10	EA0002	17	0.34	0.46	10.09	152
WBI 12	IT0085	54	19.91	26.33	597.22	33
WBI 13	EU0068	30	2.18	3.05	65.27	32
WBI 14	BH0221	30	0.90	2.28	27.01	79
WBI 15	BH0138	27	0.36	1.40	10.84	97
WBI 16	BH0074T	12	0.15	0.50	4.60	174
WBI 17	BH0074A	15	1.30	3.93	38.88	176
WBI 18	IT0055	66	27.75	37.85	832.39	5
WBI 19	IT0047	15	Removed			
WBI 20	IT0038	66	29.49	37.80	884.78	168
WBI 21	TN4131	24	0.18	0.23	5.33	95
WBI 22	TN4017	54	5.04	11.87	151.06	160
WBI 23	TN4006	11	Removed			
WBI 24	TN40006	48	3.38	12.83	101.46	66
WBI 25	LY0008	48	3.15	6.79	94.46	241
WBI 25 A	LY0039	48	0.95	11.43	28.55	40
WBI 26	IT0019	96	52.94	89.00	1588.23	120
WBI 27	TM0007A	24	0.46	0.62	13.80	233
WBI 28	HC0005A	37	0.93	2.60	27.76	83
WBI 29	IT0001	102	66.35	101.57	1990.34	99
CY 4	CY0280	42	1.83	3.64	54.80	58
HM 1	HM0632	24	1.35	1.92	40.35	83
TR 1	TR0050	42	1.86	5.16	55.92	53

SECTION FIVE – 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 – 9.57 inches, RG 2 – 14.88 inches, RG 3 – 8.98 inches and RG 4 – 9.73 inches. The huge total at RG 2 stands out, but the equipment has been checked and is working properly.

Sitename	MH ID	Diameter (in)	Average Daily Flow (MGD)	Maximum Daily Flow (MGD)	Monthly Total Flow (mg)	Peak Depth (in)
WBI 1	IT0171	48	6.23	8.75	193.07	105
WBI 2	PL0544	15	Removed			
WBI 3	IT0156	48	7.89	9.72	244.49	111
WBI 4	IT0140	54	10.22	13.19	316.81	113
WBI 5	PL0028	36	1.21	1.47	37.39	108
WBI 5A	PL0167	30	1.48	2.04	45.84	80
WBI 5B	PL0079	30	0.41	0.67	12.62	98
WBI 6	HM0606	48	4.03	5.15	124.99	112
WBI 7	IT0123	48	17.34	21.05	537.61	99
WBI 8	IT0123	12	Removed			
WBI 9	HM0100A	11	0.04	0.10	1.31	4
WBI 10	EA0002	17	0.41	0.89	12.64	76
WBI 12	IT0085	54	19.59	23.92	607.28	146
WBI 13	EU0068	30	1.34	2.79	41.46	154
WBI 14	BH0221	30	0.77	1.14	23.83	46
WBI 15	BH0138	27	0.34	0.64	10.65	26
WBI 16	BH0074T	12	0.12	0.32	3.75	29
WBI 17	BH0074A	15	0.81	1.80	24.99	97
WBI 18	IT0055	66	24.91	30.14	772.30	174
WBI 19	IT0047	15	Removed			
WBI 20	IT0038	66	27.37	32.93	848.32	176
WBI 21	TN4131	24	0.27	0.66	8.42	35
WBI 22	TN4017	54	1.44	3.32	44.47	58
WBI 23	TN4006	11	Removed			
WBI 24	TN40006	48	3.35	7.14	103.79	116
WBI 25	LY0008	48	3.31	6.91	102.53	198
WBI 25 A	LY0039	48	0.64	3.79	19.73	93
WBI 26	IT0019	96	43.43	61.67	1346.43	240
WBI 27	TM0007A	24	0.52	0.87	16.08	42
WBI 28	HC0005A	37	0.70	1.45	21.62	143
WBI 29	IT0001	102	56.90	80.71	1763.86	232
CY 4	CY0280	42	2.18	3.98	67.55	150
HM 1	HM0632	24	1.33	1.76	41.29	95
TR 1	TR0050	42	1.71	3.42	53.02	27

SECTION FIVE – 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 – 4.7 inches, RG 2 – 6.04 inches, RG 3 – 3.49 inches and RG 4 – 5.68 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	4.52	6.18	140.13	99
WBI 2	PL0544	15	Removed			
WBI 3	IT0156	48	6.89	8.73	213.66	105
WBI 4	IT0140	54	8.48	11.36	262.99	107
WBI 5	PL0028	36	1.16	1.58	36.00	103
WBI 5A	PL0167	30	1.28	1.73	39.68	90
WBI 5B	PL0079	30	0.43	0.89	13.23	97
WBI 6	HM0606	48	3.43	4.99	106.31	106
WBI 7	IT0123	48	14.60	19.83	452.70	158
WBI 8	IT0123	12	Removed			
WBI 9	HM0100A	11	0.02	0.09	0.62	4
WBI 10	EA0002	17	0.35	0.66	10.77	46
WBI 12	IT0085	54	16.31	22.08	505.52	134
WBI 13	EU0068	30	0.27	1.52	8.40	63
WBI 14	BH0221	30	0.64	0.78	19.92	14
WBI 15	BH0138	27	0.38	0.59	11.89	8
WBI 16	BH0074T	12	0.07	0.39	2.30	66
WBI 17	BH0074A	15	0.60	2.40	18.56	94
WBI 18	IT0055	66	19.68	28.13	610.07	165
WBI 19	IT0047	15	Removed			
WBI 20	IT0038	66	21.79	30.42	675.59	197
WBI 21	TN4131	24	0.18	0.62	5.68	8
WBI 22	TN4017	54	1.12	1.73	34.60	13
WBI 23	TN4006	11	Removed			
WBI 24	TN40006	48	2.40	9.20	74.51	74
WBI 25	LY0008	48	1.79	7.87	55.54	152
WBI 25 A	LY0039	48	0.38	4.94	11.65	49
WBI 26	IT0019	96	33.44	74.55	1036.74	242
WBI 27	TM0007A	24	0.39	0.84	11.96	35
WBI 28	HC0005A	37	0.47	0.97	14.45	72
WBI 29	IT0001	102	42.09	96.52	1304.72	232
CY 4	CY0280	42	1.80	6.48	55.77	66
HM 1	HM0632	24	1.17	1.57	36.21	68
TR 1	TR0050	42	1.41	2.78	43.78	21

Appendix B
SEP Escrow Deposit

Account Overview - xxxxxx7365 Escrow Agrmt Between City of Jackson and Trustmark DTD 8/30/13, Supp

Account Investment Objective: Directed

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Summary of Financial Activity

	Current Period ($)	Year to Date ($)
Beginning Market Value	640,172.82	640,139.10
Cash & Security Transfers	-1,250.00	-1,250.00
Contributions	1,250.00	1,250.00
Income & Capital Gain Distributions	3.00	36.72
Fees	0.00	0.00
Withdrawals	0.00	0.00
Change in Account Value	0.00	0.00
Market Value on Aug 31, 2021	**$640,175.82**	**$640,175.82**

Accrued income not included in Market Value. Refer to Portfolio Holdings schedule for accrued income.

Income and Gain/Loss Summary

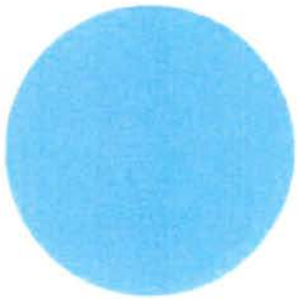
	Current Period ($)	Year to Date ($)
Taxable Income	0.00	0.00
Tax-Exempt Income	3.00	36.72
Tax-Deferred Income	0.00	0.00
Total Income Earned	**$3.00**	**$36.72**
Total Short Term Realized Capital Gain/Loss	**$0.00**	**$0.00**
Total Long Term Realized Capital Gain/Loss	**$0.00**	**$0.00**
Total Realized Capital Gain/Loss	**$0.00**	**$0.00**

This summary is for reference only. It is not intended for tax reporting purposes.

Asset Allocation as of August 31, 2021

	Market Value ($)	Percent
Cash & Equivalents	640,175.82	100%
Total of Your Account	**$640,175.82**	**100%**

Liabilities may reflect temporary cash overdrafts, including overdrafts between the income and principal portfolios. Percentages are rounded to the nearest whole percent.



Please refer to the "Important Information Regarding this Statement" page to understand the methods used in obtaining market values.

Portfolio Analysis - xxxxxx7365 Escrow Agrmt Between City of Jackson and Trustmark DTD 8/30/13, Supp

Equity Sector Analysis

No equity holdings currently held.

Industry sectors are determined by market information providers.

Fixed Income Assets by Maturity Band

No fixed income holdings currently held.

Maturity is reflected by the contractual maturity of the asset.

Fixed Income Assets by Credit Rating

No fixed income holdings currently held.

Credit ratings are defined by Standard & Poors where available.

Fixed Income Assets by Sector

No fixed income holdings currently held.

Fixed income sectors are determined by market information providers.

Please refer to the "Important Information Regarding this Statement" page to understand the methods used in obtaining market values. Percentages are rounded to the nearest whole percent.

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Account Holdings as of August 31, 2021

	Number of Shares	Share Price	Market Value	Accrued Income	Cost Basis / Unrealized Gain or Loss	Yield at MV	% of Account
xxxxxx7365 Escrow Agrmt Between City of Jackson and Trustmark DTD 8/30/13, Supp Environmental Proj S							
Cash & Equivalents							
Money Market							
Federated US Treasury Cash Reserves CUSIP:60934N682	638,925.82	1.00	638,925.82	3.00	638,925.82 0.00	0.01%	99.80%
Total Money Market			**$638,925.82**	**$3.00**	**$638,925.82** **$0.00**	**0.01%**	**99.80%**
Other							
US Dollar Spot Currency:USD	1,250.00	1.00	1,250.00	0.00	1,250.00 0.00		0.20%
Total Other			**$1,250.00**	**$0.00**	**$1,250.00** **$0.00**		**0.20%**
Total Cash & Equivalents			**$640,175.82**	**$3.00**	**$640,175.82** **$0.00**	**0.01%**	**100.00%**
Total for xxxxxx7365 Escrow Agrmt Between City of Jackson and Trustmark DTD 8/30/13, Supp Environmental Proj S			**$640,175.82**	**$3.00**	**$640,175.82** **$0.00**	**0.01%**	**100.00%**

Please refer to the "Important Information Regarding this Statement" page to understand the methods used in obtaining market values.

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Account Transaction Detail

Trade Date	Transaction Description	Principal Amount	Income Amount	Realized G/L
xxxxxx7365 Escrow Agrmt Between City of Jackson and Trustmark DTD 8/30/13, Supp Environmental Proj S				
Receipts				
Contributions				
August 24, 2021	Cash Receipt via Check, Received from City of Jackson, MS check no. 823429 dated 8/17/2021 for the Annual Escrow Agent fee for period 9/1/2021 thru 8/31/2022	1,250.00		0.00
Total Contributions		**$1,250.00**	**$0.00**	**$0.00**
Total Receipts		**$1,250.00**	**$0.00**	**$0.00**
Disbursements				
Cash Transfers				
August 30, 2021	Cash Transfer - Miscellaneous To G087F15 Trustmark Invoice Payments G087F15 (Capital), Annual Escrow Agent fee for the period 9/1/2021 thru 8/31/2022 Invoice No 210801-420845	-1,250.00		0.00
Total Cash Transfers		**-$1,250.00**	**$0.00**	**$0.00**
Total Disbursements		**-$1,250.00**	**$0.00**	**$0.00**
Corporate Actions/Income				
Dividends				
August 2, 2021	Daily Rate Income on Federated US Treasury Cash Reserves For Period of 07/01/21 to 07/31/21 Due on 08/02/21	3.00		0.00
Total Dividends		**$3.00**	**$0.00**	**$0.00**
Total Corporate Actions/Income		**$3.00**	**$0.00**	**$0.00**
Other				
August 2, 2021	Periodic Fee Invoice - Payment Due 1250.00 USD will be Invoiced for this account, Escrow Agent Fee: 1250.00 USD			0.00
August 30, 2021	Periodic Fee Invoice Payment - Payment Received 1250.00 USD has been posted for this account			0.00
Total Other		**$0.00**	**$0.00**	**$0.00**
Cash Sweep Activity				
August 31, 2021	Sweep sales totaling -2,500.00 units of Federated US Treasury Cash Reserves for xxxxxx7365 - Portfolio-01(Capital) (1 Transactions)	2,500.00		0.00

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continued on next page

Account Transaction Detail (continued)

Trade Date	Transaction Description	Principal Amount	Income Amount	Realized G/L
xxxxxx7365 Escrow Agrmt Between City of Jackson and Trustmark DTD 8/30/13, Supp Environmental Proj S (Continued)				
Cash Sweep Activity (Continued)				
August 31, 2021	Sweep purchases totaling 1,253.00 units of Federated US Treasury Cash Reserves for xxxxxx7365 - Portfolio-01(Capital) (2 Transactions)	-1,253.00		0.00
Total Cash Sweep Activity		**$1,247.00**	**$0.00**	**$0.00**
Total xxxxxx7365 Escrow Agrmt Between City of Jackson and Trustmark DTD 8/30/13, Supp Environmental Proj S		**$1,250.00**	**$0.00**	**$0.00**

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Account Cash Flow Summary

	Debit	Credit	Balance
xxxxxx7365 Escrow Agrmt Between City of Jackson and Trustmark DTD 8/30/13, Supp Environmental Proj S			
Opening Balance on August 1, 2021 - US Dollar			$0.00
Receipts			
Contributions	0.00	1,250.00	
Total Receipts	**$0.00**	**$1,250.00**	
Disbursements			
Cash Transfers	1,250.00	0.00	
Total Disbursements	**$1,250.00**	**$0.00**	
Corporate Actions/Income			
Dividends	0.00	3.00	
Total Corporate Actions/Income	**$0.00**	**$3.00**	
Cash Sweep Activity	1,253.00	2,500.00	
Closing Balance on August 31, 2021 - US Dollar	**$2,503.00**	**$3,753.00**	**$1,250.00**

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Account Cash Activity Detail

Settlement Date	Transaction Description	Debit	Credit	Balance
xxxxxx7365 Escrow Agrmt Between City of Jackson and Trustmark DTD 8/30/13, Supp Environmental Proj S				
Opening Balance on August 1, 2021 - US Dollar				$0.00
Receipts				
Contributions				
August 24, 2021	Received from City of Jackson, MS check no. 823429 dated 8/17/2021 for the Annual Escrow Agent fee for period 9/1/2021 thru 8/31/2022, Cash Receipt via Check		1,250.00	
Total Contributions		**$0.00**	**$1,250.00**	
Total Receipts		**$0.00**	**$1,250.00**	
Disbursements				
Cash Transfers				
August 30, 2021	Annual Escrow Agent fee for the period 9/1/2021 thru 8/31/2022 Invoice No 210801-420845, Cash Transfer - Miscellaneous To G087F15 Trustmark Invoice Payments G087F15 (Capital)	1,250.00		
Total Cash Transfers		**$1,250.00**	**$0.00**	
Total Disbursements		**$1,250.00**	**$0.00**	
Corporate Actions/Income				
Dividends				
August 2, 2021	Daily Rate Income on Federated US Treasury Cash Reserves For Period of 07/01/21 to 07/31/21 Due on 08/02/21		3.00	
Total Dividends		**$0.00**	**$3.00**	
Total Corporate Actions/Income		**$0.00**	**$3.00**	
Cash Sweep Activity				
August 31, 2021	Sweep sales totaling -2,500.00 units of Federated US Treasury Cash Reserves for xxxxxx7365 - Portfolio-01(Capital) (1 Transactions)		2,500.00	
August 31, 2021	Sweep purchases totaling 1,253.00 units of Federated US Treasury Cash Reserves for xxxxxx7365 - Portfolio-01(Capital) (2 Transactions)	1,253.00		
Total Cash Sweep Activity		**$1,253.00**	**$2,500.00**	
Closing Balance on August 31, 2021 - US Dollar		**$2,503.00**	**$3,753.00**	**$1,250.00**

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Market Value Reconciliation xxxxxx7365 - Escrow Agrmt Between City of Jackson and Trustmark DTD 8/30/13,

	Net amount	Balance
Beginning Market Value		**$640,172.82**
Cash & Security Transfers		
Other	-1,250.00	
Total Cash & Security Transfers		**-$1,250.00**
Contributions		
Receipts	1,250.00	
Total Contributions		**$1,250.00**
Income & Capital Gain Distributions		
Dividends	3.00	
Total Income & Capital Gain Distributions		**$3.00**
Total Realized Gain/Loss		**$0.00**
Total Net change in Unrealized Gain/Loss		**$0.00**
Total Ending Market Value		**$640,175.82**

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Appendix C

Partial Listing of Maintenance Activities at the Wastewater Treatment Facilities

Savanna Maintenance Activities (Partial listing)

March 2021

- Pulled and removed rags from the Caney Creek flow meter (This is being done several times a month).
- Repaired the plant water supply lines to clarifier # and #4.
- Installed rebuilt pump bearing and seal unit on the old RAS scum pump.
- Replaced bad 480 supply wire from the new effluent transformer to the MCC panel.
- Repaired the control circuit for the ATS switch at the new effluent Main MCC panel.
- Replaced the lower belt adjusting air supply line.
- Installed new flow meter tube for press #4.
- Repaired the incline conveyor drive motor mounting plate.
- Replaced 6 savanna plant facility pole light bulbs.
- Installed a new submersible pump at the bypass channel.
- Replaced the Ground fault breakers at the old RAS building.
- Repaired the air bleed off piping for old RAS #3.
- Replaced the top belt on press #4 sludge press.
- Removed and rewired the main power supply wire to the control box at the bypass structure
- Pulled and de-ragged the Northgate sampler pump.

April 2021

- Pulled and removed rags from the Caney Creek flow meter (This is being done several times a
- month).
- Removed the old scum pump from the old RAS and installed a new scum pump system. .
- Removed and de-ragged both WDS pumps.
- Repaired the discharge pipe connection flange on the west WDS pump.
- Pulled and removed rags from the Northgate sampler pump.
- Repaired the wash down and spray water line on clarifier #4.
- Removed and replaced lights in the admin building.
- Jetted the clarifier #4 scum tank drain line.
- Jetted the bottom floor drains at the old RAS building.
- Installed a new sampler pump at Caney creek.
- Pulled and removed rags from the west WAS pump and piping.
- Repaired 3 de-watering exhaust fans, weld broken supports and replaced belts.
- Repaired savanna property pole lights.
- Pulled and removed rags from the scum lift station at clarifier #5.

May 2021

- Removed rags and debris from Caney Creek flow meter.
- Replaced lights in pipe gallery.
- Serviced and inspected cranes and hoists at all Jackson sites.
- Completed Gate#5 stem shaft and activator assembly.
- Assisted electrical contractors with shutting down power to six buildings for additional power grids to update electrical service for Substation.
- Removed RAS #3 pump and sent to shop for repair.
- Repaired RAS #5 VFD controls.
- Replaced horizontal auger on press #4.
- Removed rocks in Influent chamber at Headworks with Vac Truck.

- Pulled Northgate Sampler Pump to remove rags.
- Repaired Press #4 Sludge Pump and installed air bag on Press #4.
- Assisted contractors with the removal and replacement of discharged pipe valves at Old RAS.
- Repaired ROTO valve failure on Raw Sewage Pump #2.
- Assisted contractors with 480 line panel replacement at Raw Sewage Building.

June 2021

- Removed rags from Caney Creek flowmeter.
- Pulled Northgate sampler to remove debris.
- Serviced and inspected cranes and hoists on all projects.
- Replaced the West WAS controller.
- Pumped water from city water meter at main backflow preventer.
- Install new controller on RAS pump #5.
- Install new scum pump in Old RAS building.
- Repaired grating throughout all projects.
- Repaired electrical damage to control box on press #5.
- Repaired hole on suction line for RAS pump #5 and #6.
- Removed and sent RAS pump #5 to the shop because of a bad seal.
- Installed new overhead doors at RAW Sewage and Old RAS buildings.

July 2021

- Installed new power control panel at Cell #3 along with a new path for the power line ditch to
- replace the wire and pipe.
- Completed and installed WDS East VFD.
- Repaired controls on bypass ditch and returned to Cell #2 holding pond.
- Arc flash was set up to shut down Blower #1 and hand over to contractors.
- Reset torque on Clarifier #4.
- MEG tested 3 pumps at the pump shed for availability of use.
- West waste pump failed. Personnel pulled the line from east to bypass system so west would operate.
- Assisted contractors on Blower #1 for startup, thermal wires, vane placement.
- Closed circuit Blower #1 and returned to service. Arc flash protection required

August 2021

- Repaired torque assembly on Clarifier #5.
- Replaced Scum Pump on Press #5.
- Installed new polymer pump on Press #5.
- Installed 153 LED lights in the Admin Building top floor.

Trahon Maintenance Activities (Partial listing)

March 2021

- Removed rags from the booster water pumps for the Chlorin e and S02 feed. (This is routine due to rags)
- Removed rags and cleaned out the Water Supply pumps to the booster pumps. (This is routine due to rags)
- De-ragged RAS pump #1.
- Pulled and cleaned the level transducer at the influent pump station.
- Pulled and removed rags from the grit transfer pump.

April 2021

- Removed rags from the booster water pumps for the Chlorine and SO2 feed. (This is routine due to rags)
- Removed rags and cleaned out the Water Supply pumps to the booster pumps. (This is routine due to rags)
- Pulled and replaced the boost water supply pump on the belt filter press.
- Pulled and removed rags from the grit transfer bridge pump on the east bridge.
- Removed and replaced the belt on the belt filter press.

May 2021

- Serviced splitter box slide gates
- Installed 50 hp motor on blower for Sludge Tank
- Adjusted and replaced broken main shaft on belt filter press

June 2021

- Sent grit transfer pump to Cooper Electrical for repair.
- Sent 50 hp compressor to GSE for repair.
- Repaired electrical control box on West Traveling Bridge.
- Repaired compressor room exhaust fan.

July 2021

- Pulled #1 waste pump to de-rag.
- Pulled Grit Transfer Pump from West Side Traveling Bridge, due to failure took to Cooper for repair.
- Checked and replaced Clarifier #1 rate drive motor.
- Pulled both RAS pumps to de-rag.
- Completed wheel replacement on West Traveling Bridge.
- Continued rag removal from Traveling Bridge Grit Pumps.
- Picked up and repaired compressor for 50 hp Blower at Trahon.

August 2021

- Replaced Sump Pump in the Solids Waste Pit.
- Replaced suction tube on East Traveling Bridge.
- Installed West Grit Transfer Pump.
- Replaced all suction lines from waste tank to Belt Filter Press.
- Repaired blower for the Solids Holding Tank.
- Replaced the scraper arm actuator and photo sensor on East and West Traveling Bridge.

- Replaced steering cylinder and bearing assembly on belt filter press.
- Replaced Decant pump in Solids Holding Tank.

Presidential Hills Maintenance Activities (Partial listing)

March 2021

- Pumped rainwater out of the electrical manhole by the office. (Monthly)
- Replaced the drive couplings on the de-cantor motor on SBR #1.
- Removed the de-grit system piping and cleaned out to remove clog.
- Replaced the SBR # 1 Auma actuator for the air supply.
- Removed and replaced the control wiring for the SBR #1 de-cantor.
- Adjusted the high-level control float for the line screen assembly.

April 2021

- Pumped rainwater out of the electrical manhole by the office. (Monthly)
- Pulled and removed rags from the SBR #1 air supply valve.
- Pulled and removed rags from the level floats in SBR #1 and #2.
- Pulled and removed rags from the influent pump #3.
- Installed new access ladders and gates on both SBR's.
- Installed new battery back-up units for the SCADA system.

May 2021

- Serviced slide gates.

June 2021

- Installed SBR #2 inlet with boom truck and driver.

July 2021

- Repaired both propeller signal wires and power wires with splice kits on SBR #2.
- Removed time clock.

August 2021

- Repaired the mixer