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Via Electronic Mail and U.S. Mail

January 30, 2024

Chief, Clean Water Protection Branch
ATTN: Mr. Paul Schwartz
Water Protection Division
United States Environmental Protection Agency – Region 4
61 Forsyth Street
Atlanta, Georgia 30303-8960

**RE: Clean Water Act Consent Decree 1:10cv 4039-WSD
January 31, 2024 – 24th Semi-Annual Report**

Dear Mr. Schwartz:

As required by §IX. Reporting Requirement of the Consent Decree associated with the above referenced civil action, DeKalb County is submitting the following document for your review and comment:

- January 30, 2024 — 24th Semi-Annual Report

I certify under penalty of law that these documents 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 fines and imprisonment for knowing violations pursuant to CWA Section 309(c)(4).

If you have questions or comments regarding this submittal, please call me at 404-371-2174.

Respectfully,

Zachary L. Williams,
Chief Operating Officer and Executive Assistant
DeKalb County, Georgia

cc: Georgia EPD
Viviane H. Ernstes, County Attorney
Maria V. Houser, Director of Consent Decree and Environmental Compliance
David E. Hayes, Director, DWM
Brent Zern, Consent Decree Administrator
E. Fitzgerald Veira, Troutman Pepper
Matthew C. Welch, Deputy County Attorney

Semi-Annual Report No. 24

July 1, 2023, to December 31, 2023

Civil Action No. 1:10cv4039 - SDG

**DeKalb County
Department of Watershed Management**



DeKalb County
G E O R G I A



January 30, 2024

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Acronyms

CCTV	closed-circuit television
CD	Consent Decree
CERP	Contingency and Emergency Response Plan
CIP	Capital Improvement Program
CMOM	Capacity, Management, Operations, and Maintenance
CMMS	computerized maintenance management system
COVID-19	Coronavirus Disease 2019 (aka, 2019 novel Coronavirus)
CV360	CloudVergent 360
DWM	Department of Watershed Management (DeKalb County)
EPA	United States Environmental Protection Agency
EPD	Georgia Environmental Protection Division
FOG	fats, oils, and grease
FSE	food service establishment
ft ²	square foot (feet)
GIS	geographic information system
GSRR	Gravity Sewer Rehabilitation and Replacement
I/I	infiltration and inflow
LDP	land development permit
LF	linear feet
MCD	Modification to Consent Decree
MMS	Maintenance Management System
NTP	Notice to Proceed
OSARP	Ongoing Sewer Assessment and Rehabilitation Program
PASARP	Priority Areas Sewer Assessment and Rehabilitation Program
QA/QC	Quality Assurance/Quality Control
RFP	Request for Proposals
SL-RAT	Sewer Line Rapid Assessment Tool
SSO	sanitary sewer overflow
TISCIT	Totally Integrated Sonar and Camera Inspection Technique

Introduction

DeKalb County (hereafter, the “County”) submits this 24th Semi-Annual Report in accordance with Section IX, Paragraph 57, of the Consent Decree (CD) (Civil Action 1:10cv4039-SDG) to provide:

- a) “A summary description of projects and significant activities completed, and deadlines achieved during the previous applicable six (6) month period pursuant to the requirements of this Consent Decree, in Gantt chart or similar format, including a summary of any missed deadline required by this Consent Decree and, if applicable, the reasons for missing such deadline.”
- b) “A summary of projects and significant activities anticipated to be performed, and deadlines anticipated to be achieved, in the successive applicable six (6) month period to comply with the requirements of this Consent Decree, in Gantt chart or similar format. The Parties agree that schedules, dates or deadlines reported pursuant to this subparagraph 57. (b) are not intended to be and shall not become enforceable under this Consent Decree, unless any such schedule, date or deadline is otherwise specifically enforceable pursuant to this Consent Decree.”

On September 22, 2021, a Modification to Consent Decree (MCD) was entered, which among other things, extends the timeline to complete the assessment and rehabilitation work under the Priority Areas Sewer Assessment and Rehabilitation Program (PASARP) to December 20, 2027. The MCD also modified the County’s reporting obligations, including the provisions governing semi-annual reports. According to the MCD,

- c) “Each Semi-Annual Report shall include a detailed written description, supplemented by a Gantt chart, of projects and significant activities completed and interim milestone dates and deadlines achieved under the PASARP during the previous applicable six (6) month period for each Initial or Additional Priority Area. Each Semi-Annual Report shall also include a list of all Initial and/or Additional Priority Areas wherein the County has completed all work required by the PASARP and the date on which the County completed such work. Each Semi-Annual Report shall also include a detailed written description of any missed interim milestone date and deadlines, the reasons for missing such interim milestone dates and deadlines, and the expected date for completing the applicable work.”
- d) “Each Semi-Annual Report shall include a detailed written description, supplemented by a Gantt chart, of projects and significant activities anticipated to be performed and interim milestone dates and deadlines anticipated to be achieved under the PASARP during the successive applicable six (6) month period in each Initial or Additional Priority Area, and a list of all Initial and/or Additional Priority Areas wherein the County anticipates completing all work required by the PASARP and the date on which the County anticipates completing such work.”

Several projects and activities have taken place during the second 6 months of 2023, and several projects and activities are projected to be implemented in the first 6 months of 2024. As implementation of the Capacity, Management, Operations, and Maintenance (CMOM) programs continues with the addition of multiple projects and activities, the reporting of those projects and significant activities is more conducive to a Gantt chart format as described in the CD provision outlined above.

Table 1 summarizes completed and projected submittals during the reporting period.

Table 1. Consent Decree Submittals – Schedule and Status

CD No.	Title	DWM Submittal for Review
IX. (56)	Quarterly Report	July 31, 2023
IX. (57)	23rd Semi-Annual Report	July 31, 2023
IX. (56)	Quarterly Report	October 30, 2023
IX. (56)	Quarterly Report	January 30, 2024
IX. (57)	24th Semi-Annual Report	January 30, 2024
VI. (35)	2024 Minimum Linear Footage of Pipe Review, Design, and Rehabilitation Report	February 1, 2024
IX. (58)	12th Annual Report	February 29, 2024
IX. (56)	Quarterly Report	April 30, 2024

Capacity, Management, Operations, and Maintenance Programs Update

1. Contingency and Emergency Response Plan (CERP) (CD VI.B.i)

a) Projects and Activities Accomplished for the Reporting Period 7/1/2023 to 12/31/2023

- i) Provided multiple instances of training to ensure County personnel and applicable contractors are prepared to respond to SSO emergencies (refer to Gantt chart lines 719–722).
 - a. Conducted CERP refresher training for 327 personnel in divisions of DWM. New DWM employees were trained in CERP during New Employee Orientation.
 - b. Provided training to 634 additional County staff regarding SSO identification and reporting via the County-wide New Employee Orientation administered by Human Resources. (Having personnel trained in SSO identification in more departments facilitates better communication between other departments and DWM and improves response when other departments have information regarding an SSO).
 - c. Conducted CERP training for 104 contractor personnel involved with CD-related projects. Contractors are trained as to their responsibilities related to the CERP and how to prevent SSOs during their activities.
- ii) Promoted greater communication within the wider community about SSO prevention and response (refer to Gantt chart lines 724–725).
 - a. Intensified community awareness and education efforts related to fats, oils, and grease (FOG) as well as other causes of SSOs. Over 671,000 FOG educational fliers were distributed electronically via Nextdoor to the community residents within 1 mile

of a sewer spill. Social media communication posts were amplified on Facebook and Twitter (X); 102 posts were made simultaneously on Facebook and Twitter (X) to reach over 30,000 community members. Each post was designed to inform residents about the effects of FOG and wipes in the sewer collection system as well as other general SSO information.

- iii) Implemented immediate maintenance and long-term project planning solutions to ensure the resolution and prevention of SSOs (refer to Gantt chart lines 728–731).
 - a. Continued to monitor and coordinate areas for follow-up cleaning or rehabilitation measures. Upon completion of initial response cleaning (approximately 6,872 linear feet [LF]), areas were further cleaned or rehabilitated as needed.
 - b. Addressed long-term solutions to maintenance-related SSOs by using formal root control and cleaning asset management programs. After a root-related SSO, created work orders for chemical root control or easement clearing. Coordinated with other DWM divisions to have contractors perform work and complete documentation. Additional information is included in the Maintenance Management Program section.
 - c. Private property SSOs are not considered to be part of the Consent Decree and, as such, are not enforceable by EPA or EPD but the County follows their process in Section 2.3.3.1.d of the CERP Program. Three warnings and 12 citations were issued in this reporting period.

“If onsite inspection reveals that a private SSO is entering the waters of the State, perform work to prevent the SSO from entering the waters of the State, providing such work would not result in the County taking ownership of the infrastructure, and notify the property owner immediately to secure private resources to remedy the problem. i) If owner is resistant to action notify a Compliance Inspector or the Health Department to issue a citation, shut off water to the site at the meter and follow-up to assure problem has been corrected before restoring water service.”

Exception Reporting: Georgia Environmental Protection Division (EPD) was notified via letter dated October 11, 2016, of an inability to meet the public notice with a 7-day time frame in the legal organ. (*The Champion Newspaper*, which publishes once per week, requires up to a 10-day pre-notice time frame). Notwithstanding the inability to meet the 7-day time frame, the County meets the earliest possible date *The Champion Newspaper* would allow after the occurrence of a major spill. Moreover, the County notifies the public expeditiously when the public is potentially affected by an SSO. For example, the County sends information regarding all reported spills in an email to the media (radio stations, television stations, and newspapers), in addition to regulatory entities and downstream users as soon as possible but within 24 hours of learning of the spill. Signs that notify the public that a spill has occurred are posted at the spill site as well as upstream/downstream of the site.

b) Projects and Activities Anticipated for the Reporting Period 1/1/2024 to 6/30/2024

- i) Provide multiple instances of training (refer to Gantt chart lines 719–722).
 - a. Continue to provide CERP refresher training to personnel within DWM, as conditions allow per standard safety protocols. All personnel are required to attend training yearly. Anticipate training of approximately 200 personnel.

- b. Continue to provide SSO identification and reporting training to new employees County-wide. These classes occur monthly in person or online (virtual).
 - c. Continue CERP training for contractor personnel involved with CD-related projects, as conditions allow per standard safety protocols. This training is held as new contracts or contract personnel are added.
- ii) Ensure effective Community Communications (refer to Gantt chart lines 724–725).
 - a. Continue community awareness and education efforts related to FOG. DWM will continue its comprehensive communication approach that incorporates a team to distribute FOG fliers, in person and virtually via Nextdoor, and attend community events. Two hundred (200) social media posts are currently planned to inform at least 45,000 community members about FOG, wipes, sewer laterals, and to provide general SSO information.
 - b. Continue community awareness via in person presentations and distribution of over 400,000 FOG fliers via Nextdoor, and a hyperlocal social networking service for neighborhoods.
- iii) Provide solutions to resolve SSOs and potential SSOs before they occur (refer to Gantt chart lines 728–731).
 - a. Continue to monitor and coordinate areas for follow-up cleaning or rehabilitation measures after an SSO. Areas that have experienced an SSO will be prioritized above routine cleaning.
 - b. Continue to address long-term solutions to maintenance-related SSOs with ongoing implementation of root control and cleaning asset management programs. Ensure ongoing scheduling of areas for chemical root control or easement clearing. Additional information is included in the Maintenance Management Program section.

2. Fats, Oils, and Grease (FOG) Management Program (CD VI.B.ii)

a) Projects and Activities Accomplished for the Reporting Period 7/1/2023 to 12/31/2023

- i) To prevent FOG from entering the collection system, the following education efforts were executed (refer to Gantt chart lines 734–735).
 - a. Sponsored 14 outdoor community events reaching approximately 1,425 citizens with information about FOG and its detrimental effect on sewer systems.
 - b. DWM has partnered with the DeKalb County School District to reduce sewer spills by conducting 9 school visits. DWM collaborated with the school district to develop the “No FOG, No Clog” public education campaign for elementary, middle, and high school students. The “No FOG, No Clog” campaign educates students about the hazards of grease clogs in the sewer systems and aims to positively change FOG disposal behaviors. DWM designed and created presentations, brochures, and promotional materials that illustrate proper disposal. The campaign also incorporated tips on social media. The “No FOG, No Clog” blitz was shared in areas where sewer spills were more prevalent and later continued throughout the county for the 2023–2024 school year.
 - c. DWM conducted 35 FOG presentations reaching approximately 2,200 students with information about FOG and its detrimental effect on sewer systems.
- ii) Program Compliance and Enforcement (refer to Gantt chart lines 739–742)

- a. Total inspections: 4,365. Inspections are performed to ensure that Food Service Establishments (FSEs) have proper FOG interceptors, are properly maintaining the equipment, and have paid all required fees.
 - b. Warning citations issued: 542. Facilities are given a warning citation to comply with poor interceptor maintenance. The majority of FSEs comply within the required 48-hour period. For those who do not, the County may proceed with a court summons.
 - c. Permits issued: 1,192. All FSEs proposing to discharge or are currently discharging wastewater that contains FOG must obtain a FOG wastewater discharge permit annually or cease ongoing operation.
 - d. Court summons issued: 87.
 - i. A total of 7 cases are pending for noncompliance with the ordinance.
- iii) Program Statistics (refer to Gantt chart lines 744–746)
- a. More than 4.4 million gallons of FOG were removed by haulers from FSEs.
 - b. Though not a part of the CD, no multifamily complexes were cited for violations related to the FOG ordinance.
 - c. No quarterly FOG and multifamily housing workshops were held; however, FOG information packets and brochures were mailed with all FOG permits issued to each FSE (a total of 1,192 packets this period).

b) Projects and Activities Anticipated for the Reporting Period 1/1/2024 to 6/30/2024

- i) Community Education (refer to Gantt chart lines 734–735)
 - a. Continue communication with County students, residents, and customers as part of the Public Education Program through presentations and outreach with the school district, Parks and Recreation Department, senior centers, and community groups and organizations. Six outdoor community events are planned and aimed at reaching at least 10,000 community members.
 - b. Continue FOG education programs in DeKalb County schools with promotional giveaways and in-person presentations. Thirty-Five (35) FOG presentations are currently planned at 14 DeKalb County Schools to reach at least 5,000 students.
- ii) Program Compliance and Enforcement (refer to Gantt chart lines 739–742)
 - a. Continue after-hours inspections at nightclubs biannually as approved by management.
 - b. Continue to increase total FOG inspections by 10%.
 - c. Continue to obtain adequate vehicles and proper staffing to perform job duties productively.
 - d. Continue to perform inspections of FSEs and issue citations for noncompliance.
 - e. Plan to reimplement waste hauler truck disposal audits to ensure FOG is disposed of appropriately.

- f. Continue aggressive enforcement program aimed at achieving even greater compliance with the FOG ordinance. This includes after-hours inspections of sites that generally operate at night and imposing fines on FSEs for compliance violations.
- g. Continue enforcement of Industrial Pretreatment customers to install pretreatment systems if necessary.

3. Sewer Mapping Program (CD VI.B.iii)

a) Projects and Activities Accomplished for the Reporting Period 7/1/2023 to 12/31/2023

- i) Data Input and Quality Control (refer to Gantt chart lines 751–752)
 - a. Continued to populate a geographic information system (GIS) layer for sanitary sewer easements in the County. DWM is capturing easements from record drawings and subdivision plats to augment records. Maps of easements are used to provide locations of access for maintenance of assets. Approximately 29 easements were identified from drawings and subdivision plats, scanned into the GIS software, and then added into the GIS layer.
 - b. Continued updates to the sewer mapping GIS to reflect new developments, connectivity issues, system improvements, and maintenance revisions. As assets are added to the GIS, they are also added to the MMS Program for maintenance and evaluation. Maintenance activity is regularly updated to the GIS and used in planning for continuing maintenance.
- ii) System Enhancements (refer to Gantt chart line 755–758)
 - a. Optimized the GIS platform to better track edits among multiple users and to allow users to edit layers and assets simultaneously in order to leverage multiple resources and streamline overall GIS maintenance activities. Third-party tools, including Data Reviewer, have been implemented to the GIS software to enhance Quality Assurance/Quality Control (QA/QC) processes through better integration of multiple data sources and through data set comparison features.
 - b. Used a database of project as-built construction drawings to facilitate updates to the GIS for completed sewer projects.
 - c. Created online maps and applications to support specific tasks and projects. Online web maps and apps have also been created for future construction where the preliminary plans are added to the GIS. Continued to update main online web viewer (WAV) and SSO dashboard for wider access across user groups.
 - d. Continued updates and support through the GIS interface with Cityworks, the County's computerized maintenance management system (CMMS).
 - e. Continued updating the Project Finder App as new information was made available. The Project Finder App was made to display planned ongoing water and sewer projects by contractor. This is intended to assist and inform the project managers overseeing the projects.
 - f. Continued to update two interactive online dashboards known as Sewer Capacity Requests. One is public facing, and the other is for internal use only.

b) Projects and Activities Anticipated for the Reporting Period 1/1/2024 to 6/30/2024

- i) Data Input and Quality Control (refer to Gantt chart lines 751–752)
 - a. Identify which assets are in areas without sufficient or properly recorded easement documents.
 - b. Continue to expand the use of Data Reviewer by ESRI within our QA/QC process. The software extension Data Reviewer allows management of data for data production and analysis by providing a system for automating and simplifying data quality control that can improve data integrity. Data Reviewer provides a set of QC tools that allow an efficient and consistent data review process. Training has already been completed with all staff.
 - c. Continue the Cityworks project that adds lift station and pump station assets together with relationships and required tables into Cityworks. This project will allow users to create work orders within Cityworks for the assets.
- ii) System Enhancements (refer to Gantt chart line 755–758)
 - a. Continue to use a database of project as-built construction drawings to facilitate updates to the GIS for completed sewer projects.
 - b. Continue to create online maps and applications to support specific tasks and projects. Continue to update main online web viewer (WAV). Create an online web application gallery for use by project managers and team members to allow for a central location to access all maps, applications, and data.
 - c. Continue updates and support through the GIS interface with Cityworks, the County's CMMS.

4. Collection and Transmission Systems Training Program (CD VI.B.v)

a) Projects and Activities Accomplished for the Reporting Period 7/1/2023 to 12/31/2023

- i) Continue to implement the revised Training Program (2018) using the Training Matrix, and Training Calendar. A total of 5,491 hours of training was performed during this period (refer to Gantt chart lines 764–766).
- ii) The DWM Safety Division held classes monthly for safety and security topics, when possible.
- iii) Classes for personal development, computer applications, management training, and New Employee Orientation were administered by the County Human Resources Department monthly.
- iv) Training was scheduled and tracked, by division, using CloudVergent 360 (CV360).
- v) Monthly and quarterly reports notifying supervisors of their cost center's required participation were produced and distributed. Reports indicated which employees had attended class and which still needed to register for upcoming classes.
- vi) Schedules of classes were recorded and updated using the CV360 software and were made available to all personnel.
- vii) Examples of classes provided and number of participants:

- a. Accountability: 0
- b. Blood-borne Pathogen: 488 (online)
- c. Confined Space Awareness: 0
- d. Department Safety Management Systems: 58
- e. Emergency Action/Response Plan: 488 (online)
- f. Employee Rights and Responsibilities: 58
- g. Ergonomics: 58
- h. Fire Prevention Plans: 58
- i. Hazard Communication: 488 (online)
- j. Medical Services and First Aid: 58
- k. Personal Protective Equipment: 488 (online)
- l. Safety Management Division Overview: 58
- m. Slips, Trips & Falls: 58
- n. Workplace Violence: 488 (online)

b) Projects and Activities Anticipated for the Reporting Period 1/1/2024 to 6/30/2024

- i) Continue implementation of updated Training Program using Training Matrix, Training Calendar, and CV360 software to track compliance (refer to Gantt chart lines 764–766).
- ii) Continue producing and distributing reports of participation by cost center.
- iii) Continue online (virtual) and in-person training for DWM personnel.

5. System-Wide Flow and Rainfall Monitoring Program (CD VI.B.vi)

a) Projects and Activities Accomplished for the Reporting Period 7/1/2023 to 12/31/2023

- i) Continued implementing a robust maintenance and calibration program, supporting up to 309 flow monitors and 41 rain gauges this period. Maintenance field operations are supported by daily, weekly, and monthly QA/QC measures to identify meters in need of additional attention (refer to Gantt chart line 987). For the reporting period, the flow monitoring field crews completed the following:

A total of 2,583 flow meter maintenance visits including:

- a. 1,188 battery replacements
- b. 319 flow monitor calibrations (refer to Gantt chart line 987)
- c. 7 new modem installations on existing flow monitors were completed for this period (refer to Gantt chart line 986)

A total of 245 rain gauge maintenance visits were also completed (refer to Gantt chart line 987).

- ii) Engaged contractors to support flow monitoring operations and supplement County resources.
- iii) Maintained temporary flow monitors in the system to assist in determining available sewer capacity and collecting additional data on known collection system issues. For the reporting period, seven (7) new temporary meters were installed (refer to Gantt chart line 990).
- iv) Deployment and maintenance of temporary flow monitors in the system to isolate locations of high I/I.

- v) Removed temporary meters for completed capacity studies and Capital Improvement Program (CIP) projects. For this reporting period, no temporary meters were removed.
- vi) Continued collecting data to support multiple CMOM programs and engineering studies.
 - a. Generating reports for intergovernmental billing.
 - b. Determining spill volumes where possible, as part of the CERP.
 - c. Performing infiltration and inflow (I/I) study for areas with suspected new or changing system inflow.
 - d. Investigating other non-ideal flow, including backwater and surcharge conditions.
- vii) Used system depth information from flow meters, combined with manhole-specific level alarms, to alert field personnel of possible operational issues that could result in an SSO.
- viii) Continued implementing audit program to quantify and track data quality. The program includes scoring for system up times and rating of overall data quality including completeness of data and field accuracy checks. All aforementioned efforts are to minimize data loss and ensure accuracy of the data (refer to Gantt chart line 985).

b) Projects and Activities Anticipated for the Reporting Period 1/1/2024 to 6/30/2024

- i) Continue the use of flow monitors to collect data to support multiple CMOM programs.
- ii) Continue maintenance and calibration of rain gauges and flow monitors at least monthly for permanently installed sites and within 45 days for temporary sites with additional visits as needed to support data quality (refer to Gantt chart line 987).
- iii) Maintain working cellular modems, replacing where necessary, with priority given to flow monitors identified as permanent (refer to Gantt chart line 986).
- iv) Continue to implement monitoring at new spill sites to:
 - a. Serve as an alarm for surcharge conditions.
 - b. Assist with determining spill volume.
 - c. Investigate the area for problem or I/I issue.
- v) Continue review of applicable technology and resource for additional I/I assessments (refer to Gantt chart line 981).
- vi) Install temporary flow meters on privately owned sewer mains to assess levels of private I/I.
- vii) Upgrade existing monitor batteries to marine batteries in an effort to improve system operations between maintenance visits.
- viii) Move modem and module in selected sites to a topside containment system to allow improved connection to cellular networks and better accessibility for maintenance.

6. Infrastructure Acquisitions Program (CD VI.B.ix)

a) Projects and Activities Accomplished for the Reporting Period 7/1/2023 to 12/31/2023

- i) Evaluated/inspected 13,639 LF of sewer pipe (refer to Gantt chart line 994).
- ii) No new lift stations were acquired this period (refer to Gantt chart line 995).
- iii) Wastewater plan review (buildings): 625 (refer to Gantt chart line 996).

- iv) Wastewater plan review (land disturbance): 99 (refer to Gantt chart line 997).
- v) Final plat reviews: 26 (refer to Gantt chart line 998).
- vi) FOG building reviews (building and land development permit [LDP]): 248 (refer to Gantt chart line 999).
- vii) Backflow reviews (building and LDP): 491 (refer to Gantt chart line 1000).
- viii) Sewer capacity requests received: 193 (refer to Gantt chart line 1001).
- ix) Capacity letters issued: 106 (refer to Gantt chart line 1002).
- x) Conditional capacity letters issued: 111 (refer to Gantt chart line 1002).
- xi) Sewer capacity requests canceled: 11 (refer to Gantt chart line 1003).
- xii) Utilized the I/I Banking Credit System as an alternative for processing sewer capacity approvals (refer to Gantt chart line 1016).
 - a. Continued working with large sewer contributors to have developer contribute financially to rehabilitation to generate I/I credits.
 - b. Delivered sewer credits to two impactful projects and collected the developer contributions for the same.

b) Projects and Activities Anticipated for the Reporting Period 1/1/2024 to 6/30/2024

- i) Continue optimizing the implementation of sewer capacity review and inspections processes with Permitting Department and City partners (refer to Gantt chart line 1012).
 - (a) Further integrate inspections scheduling with the e-permitting system.
- ii) Continue utilizing the I/I Banking Credit System (refer to Gantt chart line 1016).

7. System-Wide Hydraulic Model

a) Projects and Activities Accomplished for the Reporting Period 7/1/2023 to 12/31/2023

- i) Continued to update the seven dynamic model networks covering the countywide sewer system with the latest county GIS and field surveyed data. As new information and revisions become available, the model is regularly updated to reflect these changes. The models are also verified with current flow monitoring data (refer to Gantt chart lines 1057–1058).
- ii) Used the dynamic sewer models to evaluate ongoing CIP project designs and possible future alternatives in the Snapfinger, Pole Bridge, North Fork Peachtree Creek, Nancy Creek, Intrenchment Creek, and South Fork Peachtree Creek Sewersheds. New projects and previously proposed projects were re-evaluated as new information became available (refer to Gantt chart line 1064).
- iii) Supported the System-Wide Flow and Rainfall Monitoring Program by evaluating flow splits in the dynamic model. The model provided insights into how water moves through the sewer system between flow monitors (refer to Gantt chart line 1059).

b) Projects and Activities Anticipated for the Reporting Period 1/1/2024 to 6/30/2024

- i) Continue updating the dynamic model networks as new information becomes available (refer to Gantt chart lines 1057–1058).
- ii) Update the dynamic model flow calibration with recent flow monitoring data.
- iii) Continue using the dynamic model as required to evaluate ongoing CIP project designs and future alternatives.

- iv) Continue supporting design engineers by providing model results and preparing model packages, as necessary.
- v) Continue supporting the System-Wide Flow and Rainfall Monitoring Program, as necessary (refer to Gantt chart line 1059).

8. Priority Areas Sewer Assessment and Rehabilitation Program (PASARP) (CD VI.B.x)

a) Projects and Activities Accomplished for the Reporting Period 7/1/2023 to 12/31/2023

- i) For Design Build Package No. 2, construction has reached final completion for the remaining sections of the PASARP Nancy Creek Branch 1 project (refer to Gantt chart lines 1664–1682).
- ii) For Design Build Package No. 3, construction is complete for 5 of the 7 projects. This design build package was implemented to address structural defects identified from assessment activities and improve conveyance capacity (refer to Gantt chart lines 1693–1697). For the final PASARP project in this package, Snapfinger Woods, construction is complete for the new pipe alignment.
- iii) Under On-Call Water and Sewer contract, continued construction of Package 5 Component 12 project, Section 1B (refer to Gantt chart lines 1742–1743).
- iv) Under Gravity Sewer Rehabilitation and Replacement (GSRR) Section 1 contract, continued with construction (lining/point repair) (refer to Gantt chart line 1750). Under GSRR Section 2 contract continued construction of Package Nos. 7 and 8 projects. Additionally, under GSRR Section 2 contract, started construction of Package 5 Component 12 project, Section 1C (refer to Gantt chart lines 1753–1761).
- v) Continued construction (lining/point repair) for Co-Op Agreement 2 (refer to Gantt chart line 1769).
- vi) Continued construction (lining/point repair) for Co-Op Agreement 3 (refer to Gantt chart line 1770).
- vii) Completed 60% and 90% design and began 100% design for Shoal Creek Trunk project (refer to Gantt chart lines 1780–1796).
- viii) Completed development of Basis of Design Report and 30% design and began 60% design for Cobb Fowler Trunks projects (refer to Gantt chart lines 1995–1997).
- ix) Completed 30% design and began 60% design for North Fork Peachtree Creek/South Fork Peachtree Creek Trunks projects (refer to Gantt chart lines 2014–2015).
- x) Completed Basis of Design Report and began 30% design for Doolittle/Blue/Sugar Trunks projects (refer to Gantt chart lines 2004–2005)
- xi) Completed Basis of Design Report and 30% design and began 60% design for Upper Snapfinger Trunk project (refer to Gantt chart lines 2022–2024).
- xii) Completed construction to address repeat SSO for 2052 Grand Prix (refer to Gantt chart line 2086).
- xiii) Complex rehabilitation projects constructed within Priority Areas I-IG2, I-IG7, I-IG14, I-SF1, I-SF2, and A-IG5. Additional rehabilitation construction on individual assets completed within other priority areas (refer to Gantt chart lines 2073–2119).

- xiv) Continue analysis of alternative projects to adequately fix the PFL sites with Requests for Extension. The alternative projects for adequately fixing these PFL sites may include:
 - a. Begin comprehensive rehabilitation in Upper Snapfinger and Barbashela.
 - b. Continued design of Section of Shoal Creek Trunk Sewer Design.
 - c. Awarded contract that includes design of Influent Lift Station at Snapfinger AWTF.
 - d. Review feasibility of tunnel for conveyance and storage of I/I flows in Snapfinger.
 - e. Review feasibility of utilizing existing storage at Snapfinger AWTF.
- xv) As a result of the contracts noted above, the County exceeded Minimum Linear Footage Requirements in all categories listed in Table E-1 of Appendix E in the MCD.

b) Projects and Activities Anticipated for the Reporting Period 1/1/2024 to 6/30/2024

- i) Substantial completion of construction of projects in Design Build Rehabilitation Package No. 3 (refer to Gantt chart lines 1693–1701).
- ii) Under On Call Water and Sewer Contract continue construction of Package 5 Component 12 project (refer to Gantt chart line 1743).
- iii) Under GSRR Section 1, continue construction (lining/point repair) (refer to Gantt chart line 1750).
- iv) Under GSRR Section 2, continue construction of Package Nos. 5, 7, and 8 projects to mitigate I/I and improve conveyance capacity (refer to Gantt chart lines 1753–1762).
- v) Continue construction under Co-Op Agreement 2 contract (refer to Gantt chart line 1769).
- vi) Continue construction under Co-Op Agreement 3 contract (refer to Gantt chart line 1770).
- vii) Continue analysis of alternative projects for adequately fixing these PFL sites may include:
 - a. Continue comprehensive rehabilitation in Upper Snapfinger and Barbashela.
 - b. Continue design of Section of Shoal Creek Trunk Sewer Design.
 - c. Begin design of Influent Lift Station at Snapfinger AWTF.
 - d. Continue review of feasibility of tunnel for conveyance and storage of I/I flows in Snapfinger.
- viii) Complete 100% design for Shoal Creek Trunk project (refer to Gantt chart lines 1780–1798).
- ix) Complete 60%, 90%, and 100% design for Cobb Fowler Trunks projects (refer to Gantt chart lines 1997–1999).
- x) Complete 60%, 90%, and 100% design for North Fork Peachtree Creek/South Fork Peachtree Creek Trunks projects (refer to Gantt chart lines 2015–2017).
- xi) Complete 30% design for Doolittle/Blue/Sugar Trunks projects (refer to Gantt chart line 2005).
- xii) Complete 60%, 90%, and 100% design for Upper Snapfinger Trunk project (refer to Gantt chart lines 2024–2026).

9. Ongoing Sewer Assessment and Rehabilitation Program (OSARP) (CD X 38.)

a) Projects and Activities Accomplished for the Reporting Period 7/1/2023 to 12/31/2023

- i) Under GSRR Section 2 contract continued construction of Package No. 8 Component 8 project to address PFL site (refer to Gantt chart line 2319).
- ii) Performed ongoing tiered assessment in OSARP areas. Completed approximately 83,471 LF of smoke testing, 192,034 LF of acoustic inspections, and 585 manhole condition assessments (refer to Gantt chart lines 2321–2379).
- iii) Completed approximately 13.33 miles of Totally Integrated Sonar and Camera Inspection Technique (TISCIT) assessments of large-diameter trunk sewers in OSARP areas (refer to Gantt chart lines 2448–2460).
- iv) Removed approximately 167 tons of debris from large-diameter trunks that may contribute to restoration of capacity in the system (refer to Gantt chart lines 2472–2495).

b) Projects and Activities Anticipated for the Reporting Period 1/1/2024 to 6/30/2024

- i) Continue tiered assessment in OSARP areas. Anticipate completing approximately 30 miles of closed-circuit television (CCTV) assessments, 10 miles of smoke testing, 10 miles of acoustic inspections, and 1,000 manhole condition assessments (refer to Gantt chart lines 2321–2379).
- ii) Complete approximately 20 miles of TISCIT assessments of large-diameter trunks in OSARP areas (refer to Gantt chart lines 2448–2469).

10. Maintenance Management System (MMS) Program (CD VI.B.iv)

a) Projects and Activities Accomplished for the Reporting Period 7/1/2023 to 12/31/2023

- i) To address maintenance-related SSOs (grease, roots, debris, or any combination), the following maintenance activities were completed (refer to Gantt chart line 3918):
 - a. Performed 175 miles of small-diameter (15 inches or smaller) sewer cleaning. This represents 7 percent of the system.
 - b. A total of 76.70 miles of sanitary sewer mains were treated for roots using chemicals. This represents 3.0 percent of the system.
 - c. A total of 10,360,728 square feet (ft²), or approximately 98.1 linear miles, of easements were cleared. Clearing of easements is essential to provide access to appurtenances and curtail root growth that could damage pipes.
- ii) Performed 1,397 sewer creek crossing inspections for pipes previously identified as needing revisit within a year (refer to Gantt chart line 3919).
- iii) Continued program of notifying property owners of private lateral maintenance needed. Using PASARP smoke testing data and pictures, DWM notified property owners that a private lateral defect was found on their property during testing. DWM requested that the property owner repair the defect and respond with proof of completion. A total of 653 letters were sent to property owners. A total of 85 repairs/replacements were completed on laterals and cleanout caps (refer to Gantt chart line 3920).

b) Projects and Activities Anticipated for the Reporting Period 1/1/2024 to 6/30/2024

- i) Perform 200 miles of small-diameter (15 inches or smaller) sewer cleaning (refer to Gantt chart line 3918).
- ii) Use chemical root control contract to treat areas of known root problems and areas that have a root-related SSO. Anticipate 110 miles of sewer main for treatment (refer to Gantt chart line 3918).
- iii) Use easement clearing contract to clear approximately 1,500,000 ft² of easements of vegetation to provide access for maintenance and for root control (refer to Gantt chart line 3918).
- iv) Complete creek crossing inspections for those crossings identified as needing yearly inspections. Approximately 700 crossings will be completed during this period (refer to Gantt chart line 3919).

Gantt Chart

As detailed in the Introduction, the Gantt chart is to be used as the primary method for presenting a summary of projects and significant activities achieved or anticipated to be achieved during the reporting period. A description of the layout of the Gantt chart is provided below:

DeKalb County Department of Watershed Management						Semi-Annual Report #22											
ID	Task Name	Start	Finish	% Complete	CD/CMOM Date	J	A	S	O	N	D	2023					

Identification (ID) - Number assigned to each task listed within the scheduling software. This field is used to sequence the order of tasks and to group like tasks under defined headings. The Gantt chart included in this Semi-Annual Report is a collapsed version of a larger project management scheduling chart. As required under the CD, only specific projects and significant activities are outlined in this report; therefore, the ID numbering is not sequential, and the attached chart does not represent the entirety of the tasks currently being undertaken by DWM in the Master Schedule. The number of activities will continue to grow and will be reported in successive Semi-Annual reports.

DeKalb County Department of Watershed Management						Semi-Annual Report #22											
ID	Task Name	Start	Finish	% Complete	CD/CMOM Date	J	A	S	O	N	D	2023					

Task Name - Name of the task.

DeKalb County Department of Watershed Management						Semi-Annual Report #22											
ID	Task Name	Start	Finish	% Complete	CD/CMOM Date	J	A	S	O	N	D	2023					

Start - Date the task started or is projected to start.

DeKalb County Department of Watershed Management						Semi-Annual Report #22											
ID	Task Name	Start	Finish	% Complete	CD/CMOM Date	J	A	S	O	N	D	2023					

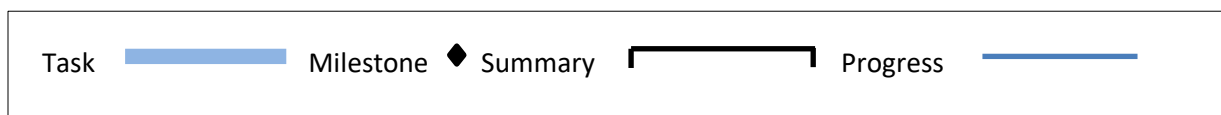
Finished - Date the task finished or is projected to finish.

DeKalb County Department of Watershed Management						Semi-Annual Report #22											
ID	Task Name	Start	Finish	% Complete	CD/CMOM Date	J	A	S	O	N	D	2023					

% Complete - Status of a task is expressed as a percentage of the task's work (time-wise) that has been completed.

DeKalb County Department of Watershed Management						Semi-Annual Report #22											
ID	Task Name	Start	Finish	% Complete	CD/CMOM Date	J	A	S	O	N	D	2023					

CD/CMOM Date - Finish date for a milestone based on the CD and CMOM documents. Dates are assigned to milestone type tasks only; other tasks are blank.



Legend - The tasks, milestones, summary, and progress are shown on the chart using the above symbols and line styles.

ID	Task Name	Start	Finish	% Complete	CD/CMOM Date	2024											
						Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
4	Capacity Management, Operations and Maintenance Programs (CMOM)																
30	0. Consent Decree Reporting				Ongoing												
112	Quarterly SSO Reporting				Ongoing												
157	Quarterly Recurring Report to EPA (2023)																
159	Submit Quarterly SSO Report 46		7/31/23	100%		7/31/23											
160	Submit Quarterly SSO Report 47		10/30/23	100%					10/30/23								
161	Quarterly Recurring Report to EPA (2024)																
162	Submit Quarterly SSO Report 48		1/30/24	0%								1/30/24					
163	Submit Quarterly SSO Report 49		4/30/24	0%										4/30/24			
166	Semi-Annual Recurring Reporting to EPA				Ongoing												
276	Submit Semi-Annual Report 23 to EPA		7/31/23	100%		7/31/23											
278	Submit Semi-Annual Report 24 to EPA		1/30/24	0%								1/30/24					
283	Annual Recurring Reporting to EPA/EPD				Ongoing												
350	Submit Annual Report 12 to EPA		2/29/24	0%									2/29/24				
357	MLF Projects Reporting				Ongoing												
365	Submit MLF Projects 2024 Report to to EPA/EPD		2/1/24	0%									2/1/24				
711	1. Contingency and Emergency Response Plan (CERP)				Ongoing												
718	Training				Ongoing												
719	Conduct CERP refresher training (327 DWM staff in 2H23)				Ongoing												
720	Conduct SSO training regarding identification and reporting requirements (634 County staff in 2H23)				Ongoing												
721	Continue monthly first responder training relating to CERP & operational policies and procedures				Ongoing												
722	Conduct CERP training to contractor personnel involved with CD-related projects (104 Contractor staff in 2H23)				Ongoing												
723	Community Awareness				Ongoing												
724	Continue to expand social media presence for spill reporting				Ongoing												
725	Amplify community awareness and educational efforts relating to FOG (671,000 Fliers distributed directly to community and 102 posts made reaching 30,000 community members in 2H23)				Ongoing												
726	Corrective Actions				Ongoing												

ID	Task Name	Start	Finish	% Complete	CD/CMOM Date	2024												
						Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
727	Report private property SSOs to the property owner and Health Dept as necessary (2 warnings and 10 citations in 2H23).			Ongoing														
728	Continue to monitor and coordinate areas for follow up cleaning or rehabilitation (6,872 lf cleaned in 2H23)			Ongoing														
729	Implement revisions to identification and reporting of inflow and infiltration and storm event caused SSO's. This includes training, updating Cityworks and reporting documentation			Ongoing														
730	Strengthen focus on proper identification of the root cause, short term and long term solutions of SSO's			Ongoing														
731	Address long term solutions to maintenance related SSO's by implementing root control and cleaning asset management programs			Ongoing														
732	2. Fats, Oils and Grease (FOG) Management Program			Ongoing														
733	Community Education			Ongoing														
734	Sponsor public outreach with FOG info (sponsored 14 outdoor events reaching 1,425 citizens 2H23)			Ongoing														
735	Sponsor school outreach with "No FOG, No Clog" info. Conducted school events with focus on FOG's impact to sewer system (hosted 9 school events and made 35 presentations; reaching 2,200 students in 2H23)			Ongoing														
738	Program Compliance and Enforcement			Ongoing														
739	Perform FOG interceptor inspections on food service establishments (4,365 in 2H23)			Ongoing														
740	Issue FOG interceptor warning citations requiring compliance (542 in 2H23)			Ongoing														
741	Issue FOG interceptor permits (1,192 in 2H23)			Ongoing														
742	Issue FOG interceptor court summons (87 Summons issued In 2H23 with 7 Cases pending for non compliance)			Ongoing														
743	Program Statistics			Ongoing														
744	Food service haulers remove fats, oil and grease (4.4 MG in 2H23)			Ongoing														
745	FOG information packets and brochures were mailed with all FOG permits issued to each FSE (1,192 in 2H23)			Ongoing														
746	Placed multifamily complexes under enforcement for violations related to FOG ordinance regulating spills (0 multifamily violations in 2H23)			Ongoing														

ID	Task Name	Start	Finish	% Complete	CD/CMOM Date	2024												
						Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
749	3. Sewer Mapping Program			Ongoing														
750	Data Input and Quality Control			Ongoing														
751	Continue to populate Geographic Information System (GIS) map layer for sanitary sewer easements to provide access locations for maintenance assets (29 easements were identified from drawings and subdivision plats and added to GIS layer in 2H23)			Ongoing														
752	Continue updates to sewer mapping GIS to reflect new developments, connectivity issues, system improvements and maintenance revisions. Continue adding assets to maintenance management system program for maintenance and evaluation			Ongoing														
753	System Enhancements			Ongoing														
755	Create specific online maps and applications to support specific tasks and projects			Ongoing														
756	Create as-built database to ensure GIS is updated in relationship to projects			Ongoing														
757	Continue to produce maps of sewer assets for field operations that include linear assets and easements			Ongoing														
758	Create an online web application gallery for use by Project Managers and team members			Ongoing														
760	4. Collection and Transmission Systems (C&TS) Training Program			Ongoing														
764	Continue to generate monthly training reports for superintendents and managers and quarterly for executive management staff to schedule training for personnel			Ongoing														
765	Implement updated training program utilizing training matrix, training calendar and compliance suite software (5,491 hours of training performed in 2H23)			Ongoing														
766	Knowledge Officer & Supervisors work to document & schedule training as described in program			Ongoing														
767	5. System-Wide Flow & Rainfall Monitoring Program			Ongoing														
979	Flow Monitoring Program - Management			Ongoing														
981	Install manhole mounted infiltration/inflow monitoring system			Ongoing														

ID	Task Name	Start	Finish	% Complete	CD/CMOM Date	2024												
						Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
985	Implement an audit program to quantify and track flow monitoring data			Ongoing														
986	Install modems into flow monitors (7 flow monitors in 2H23)			Ongoing														
987	Continue calibration and maintenance of flow monitoring and rain gauge network (319 flow monitor calibrations and 245 rain gauge maintenance visits performed in 2H23)			Ongoing														
988	Continue QA/QC regarding flow monitoring and rain gauge data			Ongoing														
989	Flow Monitoring Program - CMOM Support			Ongoing														
990	DWM places temporary monitors in system to determine available sewer capacity for specific projects (7 temporary monitors placed in 2H23)			Ongoing														
991	Collect data to support multiple CMOM projects			Ongoing														
992	6. Infrastructure Acquisitions Program			Ongoing														
993	Infrastructure Acquisitions Program			Ongoing														
994	Evaluate/Inspect wastewater pipe (13,639 linear feet in 2H23)			Ongoing														
995	Review lift station acquisitions as required (0 lift stations in 2H23)			Ongoing														
996	Complete wastewater plan reviews of buildings (625 in 2H23)			Ongoing														
997	Complete wastewater plan reviews of land disturbances (99 in 2H23)			Ongoing														
998	Complete final plat reviews (26 in 2H23)			Ongoing														
999	Complete FOG building reviews (248 in 2H23)			Ongoing														
1000	Complete backflow reviews for building and LDP (491 backflow reviews in 2H23)			Ongoing														
1001	Review sewer capacity requests (193 capacity requests received in 2H23)			Ongoing														
1002	Issue capacity request letters (106 in 2H23 with an additional 111 conditional letters)			Ongoing														
1003	Sewer capacity requests (11 canceled in 2H23)			Ongoing														
1007	Continue to review projects converting from septic to sewer			Ongoing														
1008	Continue to review final plats, as-builts and sewer easements for acceptance			Ongoing														

ID	Task Name	Start	Finish	% Complete	CD/CMOM Date	2024												
						Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
1009	Continue providing customer service to applicants/citizens requesting assistance			Ongoing														
1012	Streamline capacity allotment process with cities' permitting procedures			Ongoing														
1016	Implementation of I/I Sewer Credit Bank as a potential alternative for processing sewer capacity approvals			Ongoing														
1017	7. System-Wide Hydraulic Model			Ongoing														
1018	These subtasks will be performed countywide and not under specific basin			Ongoing														
1019	County will continue to use dynamic model for sewer capacity reviews			Ongoing														
1056	Ongoing Maintenance and Support			Ongoing														
1057	Continued to update seven (7) dynamic model networks covering the countywide sewer system with the latest County GIS and field survey data			Ongoing														
1058	Verify model calibration with current flow monitoring data			Ongoing														
1059	Supported systemwide Flow and Rainfall Monitoring program			Ongoing														
1063	Support through Design and Construction			Ongoing														
1064	Used the dynamic model as required to evaluate ongoing CIP project designs and future alternatives			Ongoing														
1065	Prepare model packages in response to RFI's from designers and contractors			Ongoing														
1383	8. Priority Areas Sewer Assessment and Rehabilitation Program (PASARP)			Ongoing														
1655	Design/Build Contract 2 - Package 2	1/12/18	12/29/23		12/31/21													
1664	DB2 Construction	4/16/18	12/29/23															
1682	Final Completion	6/12/23	12/29/23	100%														12/29/23
1683	Design/Build Contract 3 - Package 3	10/25/18	7/12/24															
1692	DB3 Construction	8/1/19	7/12/24															
1693	Proj 01 - 3597 Sunderland Circle, 1083 Wimberly Rd, A-IG4 (EPA, OS/	8/1/19	5/10/24	75%	12/20/27													5/10/24
1696	Proj 04 - 854 Sheppard Rd (OSARP SSO)	10/17/19	5/23/24	85%	12/20/27													5/23/24

ID	Task Name	Start	Finish	% Complete	CD/CMOM Date	2024											
						Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1697	Proj 04 - A-SF2 (OSARP SSO)	10/17/19	5/23/24	85%	12/20/27	5/23/24											
1701	Substantial Completion	5/24/24	6/11/24	0%		6/11/24											
1702	Final Completion	6/12/24	7/12/24	0%													
1741	On Call Water and Sewer Contract 2022	4/17/23	5/30/25		9/22/25												
1742	GS Construction	4/17/23	5/30/25														
1743	Package 5 (Component 12, 1B)	4/17/23	5/30/25	20%	9/22/25												
1744	New Gravity Sewer Rehabilitation and Replacement (GSRR) Contracts	5/13/19	9/22/25														
1749	GSSR Section 1 Construction	2/10/21	2/28/25														
1750	GSSR Section 1 Lining/Point Repairs Construction	2/10/21	2/28/25	60%	9/22/25												
1751	GSSR Section 2 Construction	2/9/21	9/22/25														
1753	RGI - Construction	7/11/22	4/25/25														
1755	Package 5 (Component 12, 1C)	12/22/23	12/20/24	4%	9/22/25												
1756	KEMI - Construction	10/14/21	5/31/24														
1757	Package 5 (Component 3)	5/1/24	4/25/25	0%	12/20/27												
1758	Package 7 (Component 3)	1/9/23	1/31/24	90%	9/22/25	1/31/24											
1759	Package 7 (Component 8 Phase A)	6/1/23	8/31/23	100%	9/22/25	8/31/23											
1760	Package 7 (Component 8 Phase B)	9/1/23	12/26/23	100%	9/22/25	12/26/23											
1761	Package 8 (Component 5 (Tilly Mill))	10/14/21	5/31/24	60%	9/22/25	5/31/24											
1762	TBD - Construction	2/10/21	9/22/25	0%													
1764	Package 7 (Component 4)	4/5/24	9/22/25	0%	9/22/25												
1765	Package 7 (Component 9)	6/3/24	9/22/25	0%	9/22/25												
1767	New Co-Op Agreements	10/16/19	12/31/24		12/20/27												
1768	Construction Contract COP2 and COP3	10/16/19	12/31/24														
1769	COP2 Lining/Point Repair Construction	10/16/19	12/31/24	80%													
1770	COP3 Lining/Point Repair Construction	6/7/22	12/31/24	70%													
1771	Trunk Sewer Program	11/25/20	12/20/27		12/20/27												
1772	Conduct preliminary investigation of additional I/I management options	4/3/23	10/31/24	48%													
1773	SF 2,3 / Shoal Creek Trunk Sewers	4/20/21	12/23/27														
1780	Design - Section 1	10/17/22	2/12/24														
1782	60% Package	3/2/23	7/14/23	100%		7/14/23											

ID	Task Name	Start	Finish	% Complete	CD/CMOM Date	2024											
						Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1783	90% Package	7/17/23	11/29/23	100%							11/29/23						
1784	100% Bid Package	11/30/23	2/12/24	60%										2/12/24			
1785	Design - Section 2	10/20/22	5/23/24														
1787	60% Package	3/2/23	7/14/23	100%		7/14/23											
1788	90% Package	7/17/23	11/29/23	100%						11/29/23							
1789	100% Bid Package	11/30/23	2/16/24	60%										2/16/24			
1790	Permits	2/20/24	5/23/24	0%												5/23/24	
1791	Design - Section 3	10/3/22	5/23/24														
1793	60% Package	3/2/23	7/14/23	100%		7/14/23											
1794	90% Package	7/17/23	11/29/23	100%						11/29/23							
1795	100% Bid Package	11/30/23	2/20/24	60%										2/20/24			
1796	Permits	2/21/24	5/23/24	0%												5/23/24	
1797	Easements / ROE / Public Outreach	7/3/23	4/30/24														
1798	Easements / ROE / Public Outreach	7/3/23	4/30/24	20%												4/30/24	
1992	Cobb Fowler Trunks	9/28/22	7/2/24														
1993	Design	9/28/22	7/2/24														
1995	BODR	5/8/23	8/11/23	100%		8/11/23											
1996	30% Package	8/14/23	11/16/23	100%						11/16/23							
1997	60% Package	11/17/23	2/22/24	50%										2/22/24			
1998	90% Package	2/23/24	4/4/24	0%												4/4/24	
1999	100% Package	4/5/24	5/9/24	0%												5/9/24	
2000	Permits	5/10/24	7/2/24	0%													
2001	Doolittle/Blue/Sugar Trunks	9/28/22	11/15/24														
2002	Design	9/28/22	11/15/24														
2004	BODR	5/3/23	11/17/23	100%						11/17/23							
2005	30% Package	11/20/23	2/5/24	60%										2/5/24			
2006	60% Package	2/6/24	7/19/24	0%													
2010	NFPC/SFPC/Intrenchment (DeKalb only) Trunks	9/28/22	8/26/24														
2011	Design	9/28/22	8/26/24														
2014	30% Package	6/1/23	9/29/23	100%						9/29/23							
2015	60% Package	10/2/23	2/27/24	50%												2/27/24	

ID	Task Name	Start	Finish	% Complete	CD/CMOM Date	2024													
						Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun		
2378	Barbashela Creek	3/3/16	12/31/24	91%															
2379	Lower Snapfinger Creek	6/5/19	12/31/24	90%															
2427	Capacity Restoration (Large Diameter) - OSARP Projects		12/31/24																
2430	Capacity Restoration - OSARP Projects		12/31/24																
2448	TISCIT Inspections/Surveys (Raw Data) (13.33 miles in 2H23)		12/30/23																
2451	North Fork Peachtree Creek	11/7/16	12/31/24	97%															
2457	Indian Creek	3/1/17	12/31/24	97%															
2458	Polebridge Creek	2/28/17	4/19/23	100%															
2460	Intrenchment Creek	7/23/18	12/31/24	95%															
2464	Ball Mill Creek	10/15/18	12/31/24	99%															
2465	Lower Stone Mountain Creek	10/30/18	12/31/24	97%															
2468	Honey Creek	3/4/17	12/31/24	98%															
2469	Doolittle Creek	2/22/17	12/31/24	95%															
2472	Large Diameter Cleaning (Raw Data) (87 tons in 2H23)		12/31/24																
2473	Nancy Creek Sewershed_90	9/20/17	12/31/24	80%															
2474	Conley Creek_78	6/11/18	12/31/24	17%															
2475	Lower Snapfinger Creek_50	6/1/18	12/31/24	10%															
2476	Upper Snapfinger Creek_36	2/27/18	12/31/24	36%															
2477	North Fork Peachtree Creek_101	4/4/18	12/31/24	90%															
2478	Upper Crooked Creek_1	6/3/19	12/31/24	3%															
2479	South Fork Peachtree Creek	8/7/18	12/31/24	23%															
2480	Peavine Creek_25	2/9/17	12/31/24	12%															
2481	Indian Creek_3	3/1/19	12/31/24	51%															
2482	Polebridge Creek_109	7/1/16	12/31/24	16%															
2483	Intrenchment Creek_37	11/7/17	12/31/24	90%															
2484	Shoal Creek_Melanie Court_3	3/1/19	12/31/24	7%															
2487	Sugar Creek_12	5/3/19	12/31/24	5%															
2488	Ball Mill Creek_6	6/3/19	12/31/24	49%															
2489	Lower Stone Mountain Creek_20	6/3/19	12/31/24	1%															
2490	Barbashela Creek_23	4/15/19	12/31/24	4%															
2491	Lower Crooked Creek_14	4/1/19	12/31/24	17%															

ID	Task Name	Start	Finish	% Complete	CD/CMOM Date	2024												
						Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
2492	Doolittle Creek_28	3/2/20	12/31/24	90%														
2493	Crooked Creek_19	3/2/20	12/31/24	9%														
2494	Honey Creek_20	3/2/20	12/31/24	5%														
2495	Corn Creek_8	3/2/20	12/31/24	0%														
3917	10. Maintenance Management System (MMS)			Ongoing														
3918	Address maintenance related to SSO's by cleaning small diameter pipe of 15 inches or smaller (175 miles in 2H23), chemically treating roots in sewer mains (77 miles in 2H23) and clearing easements (98 linear miles in 2H23)			Ongoing														
3919	Perform sewer creek crossing inspection of pipes requiring a revisit within a year (1,397 inspections in 2H23)			Ongoing														
3920	Notify property owners of deficiencies with their private sewer laterals discovered by PASARP smoke testing. Requested owners fix defects & respond with proof of completion (653 letters sent, 85 repairs completed on laterals and clean out caps in 2H23)			Ongoing														
4658																		
4660	Grouped by Work Breakdown Structure (WBS) :																	
4661	Task																	
4662	Subtask																	
4663	Group																	
4664	Package or Subgroup																	
4665	Subpackage																	
4666	Service																	
4669																		
4670	Acronyms :																	
4671	AE - Architectural Engineer or Design Consultant																	
4672	BOC - Board of Commissioners																	
4673	CD - Consent Decree																	
4674	CDPMT - Consent Decree Program Management Team																	
4675	CERP - Contingency and Emergency Response Plan																	
4676	CMOM - Capacity, Management, Operations, and Maintenance																	
4677	D/B - Design Build																	

ID	Task Name	Start	Finish	% Complete	CD/CMOM Date	2024											
						Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
4678	DWM - Department of Watershed Management																
4679	EPA - US Environmental Protection Agency																
4680	FOG - Fats, Oils & Grease																
4681	GIS - Geographic Information System																
4682	If - linear feet																
4683	LS - Lift Station																
4684	NTP - Notice to Proceed																
4685	OSARP - Ongoing Sewer Assessment and Rehabilitation Program																
4686	PASARP - Priority Area Sewer Assessment and Rehabilitation Program																
4687	P&C - Purchasing & Contracting																
4688	QA - Quality Assurance																
4689	QC - Quality Check																
4690	RFP - Request for Proposal																
4691	SSO - Sanitary Sewer Overflow																
4692	TISCIT - Totally Integrated Sonar and Camera Inspection Technology																