



## Office of the Chief Executive Officer

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*Via Electronic Mail and U.S. Mail*  
January 30, 2025

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-SDG  
January 30, 2025 – 26th 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, 2025 — 26th 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  
Maria V. Houser, Director of Consent Decree and Environmental Compliance  
David E. Hayes, Director, DWM  
Kerry Williams, Deputy Director Engineering and Construction Management Services, DWM  
E. Fitzgerald Veira, Troutman Pepper  
Matthew C. Welch, Deputy County Attorney

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# Semi-Annual Report No. 26

July 1, 2024, to December 31, 2024  
Civil Action No. 1:10cv4039 - SDG

DeKalb County  
Department of Watershed Management



DeKalb County  
G E O R G I A



January 30, 2025

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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
ESRI	Environmental Systems Research Institute
FOG	fats, oils, and grease
FSE	food service establishment
ft <sup>2</sup>	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
LS	lift station
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
PS	pump station
QA/QC	Quality Assurance/Quality Control
RFP	Request for Proposals
SAMP	Strategic Asset Management Program
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 26<sup>th</sup> 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 2024, and several projects and activities are projected to be implemented in the first 6 months of 2025. 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 30, 2024
IX. (57)	25th Semi-Annual Report	July 30, 2024
IX. (56)	Quarterly Report	October 30, 2024
IX. (56)	Quarterly Report	January 30, 2025
IX. (57)	26th Semi-Annual Report	January 30, 2025
VI. (35)	2024 Minimum Linear Footage of Pipe Review, Design, and Rehabilitation Report	February 1, 2025
IX. (58)	13th Annual Report	March 3, 2025
IX. (56)	Quarterly Report	April 30, 2025

## 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 7/1/2024 to 12/31/2024

- i) Provided multiple instances of training to ensure County personnel and applicable contractors are prepared to respond to sanitary sewer overflow (SSO) emergencies (refer to Gantt chart lines 724–727).
  - a. Conducted CERP refresher training for 415 (online) personnel in divisions of DWM. 26 (in-person) new DWM employees were trained in CERP during New Employee Orientation.
  - b. Provided training to 603 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 155 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. Also provided additional training to 35 personnel in the Code Enforcement Department. Code Enforcement addresses private issues and are out in the community daily with the opportunity to potentially identify SSOs.
- ii) Promoted greater communication within the wider community about SSO prevention and response (refer to Gantt chart lines 730–731).
  - a. Intensified communication to ensure community awareness and education was delivered relating to the causes of SSOs, mainly issues associated with Fats, Oils, and Grease (FOG). Over 850,000 FOG educational fliers were distributed electronically to community residents within 1 mile radius of a sewer spill via Nextdoor. Social media posts were generated on Facebook and Twitter (X); 155 posts ran concurrently on both platforms to reach over 55,000 community members. Each post was designed to notify residents about the effects of FOG and “flushable” wipes on the wastewater collection system as well as other SSO related information.
- iii) Implemented immediate maintenance and long-term project planning solutions to ensure the resolution and prevention of SSOs (refer to Gantt chart lines 733–737).
  - a. Continued to monitor and coordinate areas for follow-up cleaning or rehabilitation measures. Upon completion of initial response cleaning (approximately 9,373 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. Seven warnings, 16 citations and court fines that amounted to \$4,350 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 1/1/2025 to 6/30/2025](#)

- i) Provide multiple instances of training (refer to Gantt chart lines 724–727).
  - 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 well as personnel in Code Enforcement Department, as conditions allow per standard safety protocols. This training is held as new contracts or contract personnel are added.
  - d. Begin providing training in SSO identification to the Atlanta Apartment Association.
- ii) Ensure effective Community Communications (refer to Gantt chart lines 730–731).
  - a. DWM will continue community awareness and education efforts related to FOG through an all-embracing communication method with a collaborative team to distribute FOG fliers in person and virtually via Nextdoor and attend community outreach events. Two hundred and twenty-five (225) social media posts are currently projected to inform nearly 73,000 community residents about FOG, wipes, and sewer laterals, in addition to wide-ranging information on SSOs.

- b. Continue community awareness via in person presentations and distribution of over 385,000 FOG flyers 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 733–737).
  - 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 7/1/2024 to 12/31/2024

- i) To prevent FOG from entering the collection system, the following education efforts were executed (refer to Gantt chart lines 740–741).
  - a. The department participated in 15 outdoor community events that reached approximately 24,300 citizens with information about Fats, Oils, and Grease (FOG) and its detrimental effects on the county’s sewer systems.
  - b. DWM expanded its partnership with DeKalb County School District to reduce sewer spills by conducting 19 school visits in the past six months. The department’s collaboration with the county school district included communication of the “No FOG, No Clog” campaign for elementary, middle, and high school students. The No FOG campaign informs students about the hazards of grease clogs in the sewer system to effectively change FOG disposal behaviors.
  - c. DWM incorporated short videos on FOG, “flushable” wipes disposal and grease traps to their public presentations, with brochures and promotional materials to better demonstrate correct grease disposal. Additionally, the “No FOG, No Clog” campaign infused grease removal tips and various causes of Sanitary Sewer Overflows (SSOs) to the department’s social media platforms. The “No FOG, No Clog” blitz was proactively shared in high sewer spill areas and later expanded throughout the county during the last half of 2024. Through DWM’s Facebook, Twitter (X) and Nextdoor social media accounts, the department shared best ways to dispose grease with over 200,000 county residents.
  - d. Lastly, DWM conducted 45 FOG presentations that reached approximately 10,200 students and adults with information about FOG and its negative effects on the sewer system.
- ii) Program Compliance and Enforcement (refer to Gantt chart lines 745–748)
  - a. Total inspections: 5,120. 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: 538. 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: 1,668. 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: 98.
    - i. A total of 4 cases are pending for noncompliance with the ordinance.
- iii) Program Statistics (refer to Gantt chart lines 750–752)
- a. More than 3.5 million gallons of FOG were removed by haulers from FSEs.
  - b. Though not a part of the CD, 2 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 1,668 packets this period).
- b) **Projects and Activities Anticipated for the Reporting Period 1/1/2025 to 6/30/2025**
- i) Community Education (refer to Gantt chart lines 740–741)
    - a. DWM will continue communication with County residents, students, and customers as part of the Public Education Division through presentations and outreach to the school district, Parks and Recreation Department, senior centers, community groups, chamber of commerce and civic organizations. Twelve (12) outdoor community events are anticipated for January – June 2025 with intent to reach over 17,100 county residents.
    - b. The department will continue its FOG education programs in DeKalb County schools via in-person presentations with promotional items such as: brochures, funnels, scrappers, hand sanitizers, activity books and more. Thirty-five (35) FOG presentations are projected for 15 DeKalb County Schools, 5 Recreation Center and 6 Senior Centers to reach over 8,100 county students and adults.
  - ii) Program Compliance and Enforcement (refer to Gantt chart lines 745–748)
    - 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 7/1/2024 to 12/31/2024

##### i) Data Input and Quality Control (refer to Gantt chart lines 757–758)

- 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. There are 18 easements (polygons) and 15 sewer easements (polylines) that 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 Maintenance Management System Program for maintenance and evaluation. Maintenance activity is regularly updated to the GIS and used in planning for continuing maintenance.
- c. DeKalb County Department of Watershed Management (DWM) Asset Management Program Services Strategic Asset Management Plan (SAMP) project was implemented and collected all assets and GIS data.

##### ii) System Enhancements (refer to Gantt chart line 761–764)

- a. Continued optimization of the geographic information system (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. Continued the use of a database of project as-built construction drawings to facilitate updates to the GIS for completed sewer projects.
- c. Continued the creation of 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 and 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 1/1/2025 to 6/30/2025**

- i) **Data Input and Quality Control (refer to Gantt chart lines 757–758)**
  - a. Continue to 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 DeKalb Cityworks AMS Implementation for PS LS and Storeroom 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 761–764)**
  - 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). Continue to 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 7/1/2024 to 12/31/2024**

- i) Continue to implement the revised Training Program (2018) using the Training Matrix and Training Calendar. A total of 4,986 hours of training were performed during this period (refer to Gantt chart lines 770–772).
- 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) Class schedules 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: 462 (online)
- c. Confined Space Awareness: 0
- d. Department Safety Management Systems: 26
- e. Emergency Action/Response Plan: 462 (online)
- f. Employee Rights and Responsibilities: 26
- g. Ergonomics: 26
- h. Fire Prevention Plans: 26
- i. Hazard Communication: 462 (online)
- j. Medical Services and First Aid: 26
- k. Personal Protective Equipment: 462 (online)
- l. Safety Management Division Overview: 26
- m. Slips, Trips & Falls: 26
- n. Workplace Violence: 462 (online)

b) **Projects and Activities Anticipated for the Reporting Period 1/1/2025 to 6/30/2025**

- i) Continue implementation of updated Training Program using Training Matrix, Training Calendar, and CV360 software to track compliance (refer to Gantt chart lines 770–772).
- 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 7/1/2024 to 12/31/2024**

- i) Continued implementing a robust maintenance and calibration program, supporting up to 311 flow monitors and 40 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 993). For the reporting period, the flow monitoring field crews completed the following:

A total of 2,977 flow meter maintenance visits including (refer to Gantt Chart lines 992 – 993):

- a. 1,368 battery replacements
- b. 372 flow monitor calibrations
- c. 22 new modem installations on existing flow monitors were completed for this period

A total of 255 rain gauge maintenance visits were also completed (refer to Gantt chart line 993).

- 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, one (1) new temporary meter was installed, no new permanent meter was installed (refer to Gantt chart line 996).

- iv) Upgraded 22 of 311 sites from ISCO 2150 to ISCO Duratrackers. The Duratrackers have additional options to measure flow through ultrasonic and non-contact lasers as well as Bluetooth capabilities to improve data collection and equipment calibration.
  - v) Removed two temporary meters for completed capacity studies and Capital Improvement Program (CIP) projects. For this reporting period, four (4) 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. Prevented 4 SSOs from potentially occurring by reporting high depths to dispatch for cleaning.
  - viii) Deployed ISCO 2150 for monitoring of I/I in lieu of I-Trackers (refer to Gantt chart line 987).
  - ix) 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 991).
- b) [Projects and Activities Anticipated for the Reporting Period 1/1/2025 to 6/30/2025](#)
- 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 993).
  - iii) Maintain working cellular modems, replacing where necessary, with priority given to flow monitors identified as permanent (refer to Gantt chart line 992).
  - 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 resources for additional I/I assessments (refer to Gantt chart line 987).
  - vi) Install temporary flow meters on privately owned sewer mains to assess levels of private I/I.
  - vii) Continue upgrade of ISCO 2150 to ISCO Duratrackers.
  - viii) Upgrade existing monitor batteries to marine batteries in an effort to improve system operations between maintenance visits.

- ix) For selected sites, 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 7/1/2024 to 12/31/2024

- i) Evaluated/inspected 17,154 LF of sewer pipe (refer to Gantt chart line 1000).
- ii) No new lift stations were acquired this period (refer to Gantt chart line 1001).
- iii) Wastewater plan review (buildings): 672 (refer to Gantt chart line 1002).
- iv) Wastewater plan review (land disturbance): 83 (refer to Gantt chart line 1003).
- v) Final plat reviews: 7 (refer to Gantt chart line 1004).
- vi) FOG building reviews (building and land development permit [LDP]): 291 (refer to Gantt chart line 1005).
- vii) Backflow reviews (building and LDP): 416 (refer to Gantt chart line 1006).
- viii) Sewer capacity requests received: 209 (refer to Gantt chart line 1007).
- ix) Capacity letters issued: 92 (refer to Gantt chart line 1008).
- x) Conditional capacity letters issued: 58 (refer to Gantt chart line 1009).
- xi) Sewer capacity requests canceled: 9 (refer to Gantt chart line 1010).
- xii) Utilized the I/I Banking Credit System as an alternative for processing sewer capacity approvals (refer to Gantt chart line 1022).
  - a. Continued working with large sewer contributors to have developer contribute financially to rehabilitation to generate I/I credits.
  - b. Delivered sewer credits to five impactful projects and collected the developer contributions for the same.

### b) Projects and Activities Anticipated for the Reporting Period 1/1/2025 to 6/30/2025

- i) Continue optimizing the implementation of sewer capacity review and inspections processes with Permitting Department and City partners (refer to Gantt chart line 1018).
  - (a) Further integrate inspections scheduling with the e-permitting system.
- ii) Continue utilizing the I/I Banking Credit System (refer to Gantt chart line 1022).

## 7. System-Wide Hydraulic Model

### a) Projects and Activities Accomplished for the Reporting Period 7/1/2024 to 12/31/2024

- i) Completed updating six of the seven dynamic model networks sewer system (Snapfinger, Pole Bridge, South Fork Peachtree Creek, Nancy Creek, North Fork Peachtree Creek and Miscellaneous) with the latest county GIS data and the completed model networks are currently under QC review. Continued to update the remaining dynamic model network. 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 1063– 1064).
- 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 1070).
- iv) Continued evaluating and analyzing all sewer basins recent flow meter and rainfall data for dynamic model flow calibration.
- v) Completed latest flow meter calibration verification for Snapfinger, South Fork Peachtree Creek, Nancy Creek and Miscellaneous basins. Continued flow verification for other basins.

b) **Projects and Activities Anticipated for the Reporting Period 1/1/2025 to 6/30/2025**

- i) Continue updating the dynamic model networks as new information becomes available (refer to Gantt chart lines 1063–1064).
- 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 1065).

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

a) **Projects and Activities Accomplished for the Reporting Period 7/1/2024 to 12/31/2024**

- i) For Design Build Package No. 3, construction is complete for all 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 1702–1708).
- ii) Under On-Call Water and Sewer contract, continued construction of Package 5 (Component 12 project, Section 1B) (refer to Gantt chart lines 1749).
- iii) Under Gravity Sewer Rehabilitation and Replacement (GSRR) Section 1 contract, continued with construction (lining/point repair) (refer to Gantt chart line 1756). Under GSRR Section 2 contract continued construction of Package Nos. 5, 7, and 8 projects. Additionally, under GSRR Section 2 contract, finished construction of Package 5 Component 12 project, Section 1C (refer to Gantt chart lines 1761, 1763, 1765, and 1767).
- iv) Continued construction (lining/point repair) for Co-Op Agreement 2 (refer to Gantt chart line 1774).
- v) Continued construction (lining/point repair) for Co-Op Agreement 3 (refer to Gantt chart line 1775).
- vi) Completed 90% design for Cobb Fowler North Trunk project (refer to Gantt chart line 2003)

- vii) Completed 60%, 90% and 100% design for Doolittle/Blue/Sugar Trunks projects (refer to Gantt chart lines 2019-2020).
- viii) Completed 100% design for Upper Snapfinger Trunk project (refer to Gantt chart line 2046).
- ix) Complex rehabilitation projects constructed within Priority Areas I-IG2 and I-SF2. Additional rehabilitation construction on individual assets completed within other priority areas (refer to Gantt chart lines 2094 and 2113).
- x) 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. Continued comprehensive rehabilitation in Upper Snapfinger and Barbashela.
  - b. Continued design of Influent Lift Station at Snapfinger AWTF.
  - c. Completed Tunnel Basis of Design Report.
  - d. Reviewed project alternatives of 1) constructing in-basin storage; 2) constructing a tunnel; and 3) use of existing storage at Snapfinger AWTF.

b) **Projects and Activities Anticipated for the Reporting Period 1/1/2025 to 6/30/2025**

- i) Under On Call Water and Sewer Contract, continue construction of Package 5 Component 12 Project 1B (refer to Gantt chart line 1749).
- ii) Under GSRR Section 1, continue construction (lining/point repair) (refer to Gantt chart line 1756).
- iii) 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 1761 – 1770).
- iv) Continue construction under Co-Op Agreement 2 contract (refer to Gantt chart line 1774).
- v) Continue construction under Co-Op Agreement 3 contract (refer to Gantt chart line 1775).
- vi) Continue with solution for adequately fixing PFL sites with requests for extension that may include:
  - a. Continue comprehensive rehabilitation in Upper Snapfinger and Barbashela.
  - b. Continue design of Influent Lift Station at Snapfinger AWTF.
  - c. Receive support from Governing Authority for capacity relief project for Snapfinger.
- vii) Continue easement acquisition and begin initial permitting for Shoal Creek Trunk, Section I project (refer to Gantt chart lines 1791-1792).
- viii) Complete 100% design for Cobb Fowler North Trunk project (refer to Gantt chart line 2004).

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

a) **Projects and Activities Accomplished for the Reporting Period 7/1/2024 to 12/31/2024**

- i) Under GSRR Section 2 contract, continued construction of Package No. 8 Component 8 project to address PFL site (refer to Gantt chart line 2339).

- ii) Performed ongoing tiered assessment in OSARP areas. Completed approximately 11,616 LF of smoke testing, 3,643 LF of acoustic inspections, and 493 manhole condition assessments (refer to Gantt chart lines 2342–2399).
  - iii) Completed approximately 3.82 miles of Totally Integrated Sonar and Camera Inspection Technique (TISCIT) assessments of large diameter trunk sewers in OSARP areas (refer to Gantt chart lines 2466–2487).
  - iv) Removed approximately 14 tons of debris from large diameter trunks that may contribute to restoration of capacity in the system (refer to Gantt chart lines 2490–2513).
- b) **Projects and Activities Anticipated for the Reporting Period 1/1/2025 to 6/30/2025**
- i) Continue tiered assessment in OSARP areas. Anticipate completing approximately 30 miles of closed-circuit television (CCTV) assessments, 2 miles of smoke testing, 2 miles of acoustic inspections, and 1,000 manhole condition assessments (refer to Gantt chart lines 2342–2399).
  - ii) Complete approximately 10 miles of TISCIT assessments of large-diameter trunks in OSARP areas (refer to Gantt chart lines 2466–2487).

#### 10. Financial Analysis Program (CD VI.B.i)

- a) **Projects and Activities Accomplished for the Reporting Period 7/1/2024 to 12/31/2024**
- i.) Prepared multiple Revenue Sufficiency Analysis for 2025 through 2034 (refer to Gantt chart line 3936).
  - ii.) Developed potential water/sewer rate increases for various CIP spending levels (refer to Gantt chart line 3938).
- b) **Projects and Activities Anticipated for the Reporting Period 1/1/2025 to 6/30/2025**
- i.) Update Revenue Sufficiency Analysis to reflect the recommendations of the incoming CEO (refer to Gantt chart line 3937).
  - ii.) Provide recommendation to Board of Commissioners for water/sewer rate increase approval (refer to Gantt chart line 3939).
  - iii.) Issue bonds to fund Consent Decree projects (refer to Gantt chart line 3940).

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

- a) **Projects and Activities Accomplished for the Reporting Period 7/1/2024 to 12/31/2024**
- iii) To address maintenance-related SSOs (grease, roots, debris, or any combination), the following maintenance activities were completed (refer to Gantt chart line 3942):
    - a. Performed 30 miles of small-diameter (15 inches or smaller) sewer cleaning. This represents 1 percent of the system.
    - b. A total of 164 miles of sanitary sewer mains were treated for roots using chemicals. This represents 6.5 percent of the system.
    - c. A total of 11,847,629 square feet (ft<sup>2</sup>), or approximately 112 linear miles, of easements were cleared. Clearing easements is essential to provide access to appurtenances and curtail root growth that could damage pipes.

- iv) Performed 923 sewer creek crossing inspections for pipes previously identified as needing revisit within a year (refer to Gantt chart line 3943).
  - v) 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 20 letters were sent to property owners. A total of 51 repairs/replacements were completed on laterals and cleanout caps (refer to Gantt chart line 3944).
- c) **Projects and Activities Anticipated for the Reporting Period 1/1/2025 to 6/30/2025**
- i) Perform 200 miles of small-diameter (15 inches or smaller) sewer cleaning (refer to Gantt chart line 3942).
  - ii) Use chemical root control contract to treat areas of known root problems and areas that have a root-related SSO. Anticipate 280 miles of sewer main for treatment (refer to Gantt chart line 3942).
  - iii) Use easement clearing contract to clear approximately 1,500,000 ft<sup>2</sup> of easements of vegetation to provide access for maintenance and for root control (refer to Gantt chart line 3942).
  - iv) Complete creek crossing inspections for those crossings identified as needing yearly inspections. Approximately 600 crossings will be completed during this period (refer to Gantt chart line 3943).

## 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

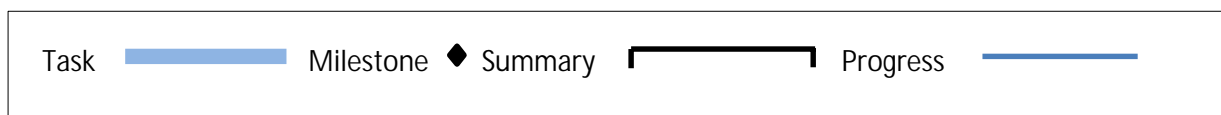
Finished - Date the task finished or is projected to finish.

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	Qtr 3, 2024			Qtr 4, 2024			Qtr 1, 2025			Qtr 2, 2025		
						Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
4	<b>Capacity Management, Operations and Maintenance Programs (CMC)</b>																
30	<b>0. Consent Decree Reporting</b>			Ongoing													
112	<b>Quarterly SSO Reporting</b>			Ongoing													
161	<b>Quarterly Recurring Report to EPA (2024)</b>																
164	Submit Quarterly SSO Report 50		7/30/24	100%													
165	Submit Quarterly SSO Report 51		10/30/24	100%													
166	<b>Quarterly Recurring Report to EPA (2025)</b>																
167	Submit Quarterly SSO Report 52		1/30/25	0%													
171	<b>Semi-Annual Recurring Reporting to EPA</b>			Ongoing													
285	Submit Semi-Annual Report 25 to EPA		7/30/24	100%													
287	Submit Semi-Annual Report 26 to EPA		1/30/25	0%													
288	<b>Annual Recurring Reporting to EPA/EPD</b>			Ongoing													
357	Submit Annual Report 13 to EPA		2/28/25	0%													
362	<b>MLF Projects Reporting</b>			Ongoing													
372	Submit MLF Projects 2025 Report to EPA/EPD		2/1/25	0%													
716	<b>1. Contingency and Emergency Response Plan (CERP)</b>			Ongoing													
723	<b>Training</b>			Ongoing													
724	Conduct CERP refresher training (441 DWM staff in 2H24)			Ongoing													
725	Conduct SSO training regarding identification and reporting requirements (603 County staff in 2H24)			Ongoing													
726	Continue monthly first responder training relating to CERP & operational policies and procedures			Ongoing													
727	Conduct CERP training to contractor personnel involved with CD-related projects (155 Contractor staff in 2H24)			Ongoing													
729	<b>Community Awareness</b>			Ongoing													
730	Continue to expand social media presence for spill reporting			Ongoing													
731	Amplify community awareness and educational efforts relating to FOG (850,000 Fliers distributed directly to community and 155 posts made reaching 55,000 community members in 2H24)			Ongoing													
732	<b>Corrective Actions</b>			Ongoing													

ID	Task Name	Start	Finish	% Complete	CD/CMOM Date	Qtr 3, 2024			Qtr 4, 2024			Qtr 1, 2025			Qtr 2, 2025		
						Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
733	Report private property SSOs to the property owner and Health Dept as necessary (7 warnings and 16 citations in 2H24).			Ongoing													
734	Continue to monitor and coordinate areas for follow up cleaning or rehabilitation (9,373 LF cleaned in 2H24)			Ongoing													
735	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													
736	Strengthen focus on proper identification of the root cause, short term and long term solutions of SSO's			Ongoing													
737	Address long term solutions to maintenance related SSO's by implementing root control and cleaning asset management programs			Ongoing													
738	<b>2. Fats, Oils and Grease (FOG) Management Program</b>			Ongoing													
739	<b>Community Education</b>			Ongoing													
740	Sponsor public outreach with FOG info (sponsored 15 outdoor events reaching 24,300 citizens 2H24)			Ongoing													
741	Sponsor school outreach with "No FOG, No Clog" info. Conducted school events with focus on FOG's impact to sewer system (hosted 19 school events and made 45 presentations; reaching 10,200 students in 2H24)			Ongoing													
744	<b>Program Compliance and Enforcement</b>			Ongoing													
745	Perform FOG interceptor inspections on food service establishments (5,120 in 2H24)			Ongoing													
746	Issue FOG interceptor warning citations requiring compliance (538 citations issued in 2H24)			Ongoing													
747	Issue FOG interceptor permits (1,668 permits in 2H24)			Ongoing													
748	Issue FOG interceptor court summons (98 Summons issued in 2H24 with 4 Cases pending for non compliance)			Ongoing													
749	<b>Program Statistics</b>			Ongoing													
750	Food service haulers remove fats, oil and grease (3.5 MG in 2H24)			Ongoing													
751	FOG information packets and brochures were mailed with all FOG permits issued to each FSE (1,668 permits issued in 2H24)			Ongoing													

ID	Task Name	Start	Finish	% Complete	CD/CMOM Date	Qtr 3, 2024				Qtr 4, 2024				Qtr 1, 2025			Qtr 2, 2025		
						Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun		
752	Placed multifamily complexes under enforcement for violations related to FOG ordinance regulating spills (2 multifamily violations in 2H24)			Ongoing															
755	<b>3. Sewer Mapping Program</b>			Ongoing															
756	<b>Data Input and Quality Control</b>			Ongoing															
757	Continue to populate Geographic Information System (GIS) map layer for sanitary sewer easements to provide access locations for maintenance assets (33 easements were identified from drawings and subdivision plats and added to GIS layer in 2H24)			Ongoing															
758	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															
759	<b>System Enhancements</b>			Ongoing															
761	Create specific online maps and applications to support specific tasks and projects			Ongoing															
762	Create as-built database to ensure GIS is updated in relationship to projects			Ongoing															
763	Continue to produce maps of sewer assets for field operations that include linear assets and easements			Ongoing															
764	Create an online web application gallery for use by Project Managers and team members			Ongoing															
766	<b>4. Collection and Transmission Systems (C&amp;TS) Training Program</b>			Ongoing															
770	Continue to generate monthly training reports for superintendents and managers and quarterly for executive management staff to schedule training for personnel			Ongoing															
771	Implement updated training program utilizing training matrix, training calendar and compliance suite software (4,986 hours of training performed in 2H24)			Ongoing															
772	Knowledge Officer & Supervisors work to document & schedule training as described in program			Ongoing															
773	<b>5. System-Wide Flow &amp; Rainfall Monitoring Program</b>			Ongoing															

ID	Task Name	Start	Finish	% Complete	CD/CMOM Date	Qtr 3, 2024			Qtr 4, 2024			Qtr 1, 2025			Qtr 2, 2025		
						Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
985	<b>Flow Monitoring Program - Management</b>			Ongoing													
987	Install A/V flow meters as part of infiltration/inflow monitoring system			Ongoing													
991	Implement an audit program to quantify and track flow monitoring data			Ongoing													
992	Install modems into flow monitors (22 flow monitors in 2H24)			Ongoing													
993	Continue calibration and maintenance of flow monitoring and rain gauge network (372 flow monitor calibrations and 255 rain gauge maintenance visits performed in 2H24)			Ongoing													
994	Continue QA/QC regarding flow monitoring and rain gauge data			Ongoing													
995	<b>Flow Monitoring Program - CMOM Support</b>			Ongoing													
996	DWM places temporary monitors in system to determine available sewer capacity for specific projects (1 temporary monitors placed in 2H24)			Ongoing													
997	Collect data to support multiple CMOM projects			Ongoing													
998	<b>6. Infrastructure Acquisitions Program</b>			Ongoing													
999	<b>Infrastructure Acquisitions Program</b>			Ongoing													
1000	Evaluate/inspect wastewater pipe (17,154 linear feet in 2H24)			Ongoing													
1001	Review lift station acquisitions as required (0 lift stations in 2H24)			Ongoing													
1002	Complete wastewater plan reviews of buildings (672 plan reviews in 2H24)			Ongoing													
1003	Complete wastewater plan reviews of land disturbances (83 plan reviews in 2H24)			Ongoing													
1004	Complete final plat reviews (7 in 2H24)			Ongoing													
1005	Complete FOG building reviews (291 building reviews in 2H24)			Ongoing													
1006	Complete backflow reviews for building and LDP (416 backflow reviews in 2H24)			Ongoing													
1007	Review sewer capacity requests (209 capacity requests received in 2H24)			Ongoing													
1008	Issue capacity request letters (92 request letters in 2H24 with an additional 58 conditional letters)			Ongoing													
1009	Sewer capacity requests (9 canceled in 2H24)			Ongoing													

ID	Task Name	Start	Finish	% Complete	CD/CMOM Date	Qtr 3, 2024			Qtr 4, 2024			Qtr 1, 2025			Qtr 2, 2025		
						Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1013	Continue to review projects converting from septic to sewer			Ongoing													
1014	Continue to review final plats, as-builts and sewer easements for acceptance			Ongoing													
1015	Continue providing customer service to applicants/citizens requesting assistance			Ongoing													
1018	Streamline capacity allotment process with cities' permitting procedures			Ongoing													
1022	Implementation of I/I Sewer Credit Bank as a potential alternative for processing sewer capacity approvals			Ongoing													
1023	<b>7. System-Wide Hydraulic Model</b>			Ongoing													
1024	These subtasks will be performed countywide and not under specific basin			Ongoing													
1025	County will continue to use dynamic model for sewer capacity reviews			Ongoing													
1062	<b>Ongoing Maintenance and Support</b>			Ongoing													
1063	Continued to update four (4) dynamic model networks covering the countywide sewer system with the latest County GIS and field survey data			Ongoing													
1064	Verify model calibration with current flow monitoring data			Ongoing													
1065	Supported systemwide Flow and Rainfall Monitoring program			Ongoing													
1069	<b>Support through Design and Construction</b>			Ongoing													
1070	Used the dynamic model as required to evaluate ongoing CIP project designs and future alternatives			Ongoing													
1071	Prepare model packages in response to RFI's from designers and contractors			Ongoing													
1389	<b>8. Priority Areas Sewer Assessment and Rehabilitation Program (PASARP)</b>																
1689	Design/Build Contract 3 - Package 3	10/25/18	11/26/24	100%													
1698	DB3 Construction	8/1/19	11/26/24	100%													
1702	Proj 04 - 854 Sheppard Rd (OSARP SSO)	10/17/19	7/26/24	100%	12/20/27												
1703	Proj 04 - A-SF2 (OSARP SSO)	10/17/19	7/26/24	100%	12/20/27												
1707	Substantial Completion		10/28/24	100%													

Statused through 12/31/24

ID	Task Name	Start	Finish	% Complete	CD/CMOM Date	Qtr 3, 2024			Qtr 4, 2024				Qtr 1, 2025			Qtr 2, 2025		
						Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
1708	Final Completion		11/26/24	100%														
1747	On Call Water and Sewer Contract 2022	4/17/23	6/2/25															
1748	GS Construction	4/17/23	6/2/25															
1749	Package 5 (Component 12, 1B)	4/17/23	6/2/25	80%	9/22/25												6/2/25	
1750	New Gravity Sewer Rehabilitation and Replacement (GSRR) Cont	2/17/15	12/7/26															
1755	GSSR Section 1 Construction	2/10/21	12/31/24															
1756	GSSR Section 1 Lining/Point Repairs Construction	2/10/21	12/31/24	100%	9/22/25								12/31/24					
1757	GSSR Section 2 Construction	2/17/15	12/7/26															
1759	RGI - Construction	7/11/22	10/18/24															
1761	Package 5 (Component 12, 1C)	12/22/23	10/18/24	100%	9/22/25												10/18/24	
1762	KEMI - Construction	2/17/15	12/7/26															
1763	Package 5 (Component 3)	2/18/25	12/31/25	0%	12/20/27													
1765	Package 8 (Component 5 (Tilly Mill))	10/14/21	2/14/25	96%	9/22/25											2/14/25		
1766	2nd / 3rd Avenue	4/15/25	9/20/25	0%	9/22/25													
1767	Package 7 (Component 9)	2/17/15	12/7/26	0%	9/22/25													
1768	TBD - Construction	2/17/15	12/7/26															
1770	Package 7 (Component 4 )	2/17/15	12/7/26	0%	9/22/25													
1771	New Co-Op Agreements	10/16/19	12/31/25															
1772	Construction Contract COP2 and COP3	10/16/19	12/31/25															
1773	Upper Snapfinger Comprehensive Rehabilitation	2/1/24	12/31/25	57%														
1774	COP2 Lining/Point Repair Construction	10/16/19	12/31/25	60%														
1775	COP3 Lining/Point Repair Construction	6/7/22	12/31/25	60%														
1776	Trunk Sewer Program	4/20/21	12/23/27		12/20/27													
1777	Conduct preliminary investigation of additional I/I management options	4/3/23	10/31/24	100%													10/31/24	
1778	SF 2,3 / Shoal Creek Trunk Sewers	4/20/21	12/23/27	59%														
1785	Design - Section 1	10/17/22	12/31/25	55%														
1791	Easements	10/1/24	9/30/25	15%														
1792	Permits/Procurement	1/2/25	12/31/25	5%														
1793	Design - Section 2	10/20/22	6/1/25															
1799	Easements	10/1/24	6/1/25	72%													6/1/25	

ID	Task Name	Start	Finish	% Complete	CD/CMOM Date	Qtr 3, 2024			Qtr 4, 2024				Qtr 1, 2025			Qtr 2, 2025		
						Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
1800	<b>Design - Section 3</b>	10/3/22	6/30/26															
1803	90% Package	2/7/24	8/18/24	100%		8/18/24												
1804	100% Bid Package	8/19/24	1/20/25	90%						1/20/25								
1806	Easements	6/2/25	6/30/26	0%														
1997	<b>Cobb Fowler North Trunks</b>	9/28/22	12/31/25															
1998	<b>Design</b>	9/28/22	12/31/25															
2003	90% Package	2/7/24	8/16/24	100%		8/16/24												
2004	100% Package	8/19/24	1/20/25	90%						1/20/25								
2006	Easements	4/1/25	12/31/25	0%														
2007	<b>Cobb Fowler South Trunks</b>	6/28/24	3/31/26															
2008	<b>Design</b>	6/28/24	3/31/26															
2009	90% Package	7/17/24	9/20/24	100%		9/20/24												
2010	100% Package	9/21/24	12/16/24	100%			12/16/24											
2012	Easements	1/2/25	3/31/26	0%														
2013	<b>Doolittle/Blue/Sugar Trunks</b>	9/28/22	9/30/25															
2014	<b>Design</b>	9/28/22	9/30/25															
2019	90% Package	7/17/24	9/20/24	100%		9/20/24												
2020	100% Package	9/21/24	12/16/24	100%			12/16/24											
2022	Easement	2/3/25	9/30/25	0%														
2025	<b>NFPC/Intrenchment (DeKalb only) Trunks</b>	9/28/22	12/31/25															
2026	<b>Design</b>	9/28/22	12/31/25															
2034	Easement	3/3/25	12/31/25	0%														
2035	<b>SFPC/Intrenchment (DeKalb only) Trunks</b>	9/28/22	12/31/25															
2036	Easement	12/2/24	6/30/25	0%														
2037	Permitting	12/2/24	6/30/25	0%														
2038	<b>Upper Snapfinger Trunks</b>	9/28/22	12/31/25															
2039	<b>Design</b>	9/28/22	12/31/25															
2047	Easement	1/2/25	12/31/25	0%														
2089	<b>Priority Areas - Assessment and Rehabilitation</b>		12/20/27		12/20/27													
2090	<b>Priority Areas</b>	11/1/15	12/20/27															
2093	<b>H-G1 -Winters Chapel Rd at Homeland Drive</b>	3/1/16	12/20/27	70%														

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2094	I-IG2 -Carver Circle	3/1/16	12/20/27	60%															
2095	I-IG3 -Ashford Dunwoody-Nancy Creek	3/1/16	12/20/27	90%															
2096	I-IG4 -North Peachtree-North Shallowford	3/1/16	12/20/27	90%															
2097	I-IG5 -Oakcliff Road	11/1/15	12/20/27	75%															
2098	I-IG6 -City of Chamblee	1/4/16	12/20/27	70%															
2099	I-IG7 -Embry Circle Pipe Bursting	1/4/16	12/20/27	75%															
2100	I-IG8 -Embry Circle Relining	1/4/16	12/20/27	90%															
2101	I-IG9 -Windsor Parkway	3/1/16	12/20/27	50%															
2102	I-IG10 -Drew Valley Road subdivisions	1/4/21	12/20/27	90%															
2103	I-IG11 -Skyland Road	1/4/21	12/20/27	75%															
2104	I-IG12 -Henderson Mill Rd	1/4/21	12/20/27	70%															
2105	I-IG13 -Area contributing to TSFORK 5 monitor	1/2/16	12/20/27	60%															
2106	I-IG14 -Briarcliff Rd	1/4/16	12/20/27	80%															
2108	I-IG16 -Lavista Rd-Clairmont Rd-Houston Mill Rd	1/4/16	12/20/27	75%															
2109	I-IG17 -North DeKalb Mall area	1/4/16	12/20/27	80%															
2110	I-IG18 -Scott Blvd-Clairmont Rd	1/4/16	12/20/27	80%															
2111	I-IG19 -Old Rockbridge Rd-Avondale (partial)	1/4/16	12/20/27	55%															
2112	I-SF1 -Old Rockbridge Rd-Avondale (partial)	6/1/16	12/20/27	40%															
2113	I-SF2 -Cobb Fowler Basin	4/1/16	12/20/27	80%															
2114	I-SF3 -Shoal Creek Basin	1/2/16	12/20/27	75%															
2115	I-SF4 -Covington Hwy at Kensington Rd	6/1/16	12/20/27	90%															
2116	I-PB1 -Lithonia Industrial Pkwy	7/1/16	12/20/27	60%															
2117	A-IG1 -MARSH-FUL (Marsh Creek)	7/1/16	12/20/27	70%															
2118	A-IG2 -TAZTEC5 (Aztec)	1/4/16	12/20/27	70%															
2119	A-IG3 -TNANCY2 (Nancy Creek)	3/1/16	12/20/27	65%															
2120	A-IG4 -TNANCY5 (Nancy Creek)	3/1/16	12/20/27	80%															
2121	A-IG5 -TNFORK1 (North Fork Peachtree Creek)	1/4/16	12/20/27	70%															
2122	A-IG6 -TSFORK4 (South Fork Peachtree Creek)	1/4/16	12/20/27	85%															
2123	A-IG7 -TSFORK3 (South Fork Peachtree Creek)	1/4/16	12/20/27	20%															
2124	A-SF1 -TUSF14 (Upper Snapfinger Creek)	3/1/16	12/20/27	50%															
2125	A-SF2 -BAR5 (Barbashela Creek)	2/1/16	12/20/27	65%															

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2126	A-SF3 -IND1 (Indian Creek)	6/1/16	12/20/27	80%														
2127	A-SF4 -USF4 (Upper Snapfinger Creek)	3/1/16	12/20/27	95%														
2128	A-SF5 -USF2 (Upper Snapfinger Creek)	3/1/16	12/20/27	85%														
2129	A-SF6 -ITMC-ATL (Intrenchment Creek)	3/1/16	12/20/27	95%														
2130	A-SF7 -TDOL5 (Doolittle Creek)	1/2/17	6/16/24	100%														
2131	A-SF8 -TDOL6 (Doolittle Creek)	1/2/17	12/20/27	90%														
2132	A-SF9 -SUG5 (Sugar Creek)	5/1/17	12/20/27	60%														
2133	A-SF10 -CON-CLAY (Conley Creek)	6/1/16	12/20/27	50%														
2134	A-PB1 -UCKC2 (Upper Crooked Creek)	2/1/16	3/28/24	100%														
2136	A-PB3 -TJSC1 (Johnson Creek)	6/1/16	5/31/24	100%														
2138	A-PB5 -PINEM2 (Pine Mountain)	4/1/16	12/20/27	80%														
2139	A-PB6 -PB1 (Pole Bridge Creek)	7/1/16	10/26/23	100%														
2141	<b>9. Ongoing Sewer Assessment and Rehabilitation Program (OSARP)</b>																	
2334	<b>New Gravity Sewer Rehabilitation and Replacement (GSSR) Cont</b>																	
2335	<b>GSSR Section 1 Construction</b>																	
2336	GSSR Section 1 Lining/Point Repairs Construction	2/10/21	12/31/24	100%	12/20/27													
2337	<b>GSSR Section 2 Construction</b>																	
2338	<b>RGI - Construction</b>																	
2339	Package 8 (Component 8 (Sowell Estates))	10/25/21	3/15/25	94%	12/20/27													3/15/25
2340	<b>OSARP Projects by Work Order</b>																	
2341	<b>OSARP Tiered Projects Tier I Assessments</b>																	
2342	<b>Acoustic Testing (3,643 LF in 2H24)</b>																	
2353	Ball Mill Creek	10/18/21	2/21/23	100%														
2354	Blue Creek	8/12/19	12/31/27	76%														
2355	Intrenchment Creek	3/25/16	12/31/27	90%														
2356	Nancy Creek	2/8/16	12/31/27	46%														
2358	South Fork Peachtree Creek	4/11/16	12/31/27	65%														
2360	Lower Snapfinger Creek	1/5/17	12/31/27	95%														
2361	Peavine Creek	5/4/16	12/31/27	81%														
2362	North Fork Peachtree Creek	2/5/16	12/31/27	65%														
2363	Conley Creek	5/3/17	12/31/27	72%														

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2364	Cobb Fowler	6/3/16	12/31/27	96%														
2365	<b>Smoke Testing (11,616 LF in 2H24)</b>																	
2372	Blue Creek	6/1/18	12/31/27	89%														
2374	Peavine Creek	5/26/16	12/31/27	91%														
2375	Intrenchment Creek	5/5/16	12/31/27	97%														
2376	Nancy Creek	2/7/16	12/31/27	67%														
2378	South Fork Peachtree Creek	3/8/16	12/31/27	99%														
2379	Barbashela Creek	3/8/16	12/31/27	98%														
2380	Lower Snappfinger Creek	10/31/16	4/22/24	100%														
2382	<b>Manhole Condition Assessments (MCA) (493 each in 2H24)</b>																	
2387	Lucky Shoals Creek	11/21/16	12/31/27	97%														
2390	Crooked Creek	9/14/21	12/31/27	14%														
2391	Honey Creek	6/22/16	12/31/27	24%														
2392	Johnson Creek	6/7/16	12/31/27	91%														
2393	Lower Crooked Creek	5/29/17	12/31/27	52%														
2394	Peavine Creek	1/19/16	12/31/27	87%														
2395	Intrenchment Creek	4/1/16	12/31/27	96%														
2397	South Fork Peachtree Creek	1/15/16	12/31/27	74%														
2398	Barbashela Creek	3/3/16	12/31/27	91%														
2399	Lower Snappfinger Creek	6/5/19	12/31/27	90%														
2445	<b>Capacity Restoration (Large Diameter) - OSARP Projects</b>																	
2448	<b>Capacity Restoration - OSARP Projects</b>																	
2466	<b>TISCIT Inspections/Surveys (Raw Data) (3.82 miles in 2H24)</b>																	
2469	North Fork Peachtree Creek	11/7/16	2/14/28	97%														
2475	Indian Creek	3/1/17	12/20/27	97%														
2478	Intrenchment Creek	7/23/18	12/20/27	95%														
2482	Ball Mill Creek	10/15/18	12/31/27	99%														
2483	Lower Stone Mountain Creek	10/30/18	12/20/27	97%														
2486	Honey Creek	3/4/17	12/20/27	98%														
2487	Doolittle Creek	2/22/17	12/20/27	95%														
2490	<b>Large Diameter Cleaning (Raw Data) (14 tons in 2H24)</b>		<b>12/20/27</b>															

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2491	Nancy Creek Sewershed_90	9/20/17	12/20/27	80%													
2492	Conley Creek_78	6/11/18	12/20/27	17%													
2493	Lower Snappfinger Creek_50	6/1/18	12/20/27	10%													
2494	Upper Snappfinger Creek_36	2/27/18	12/20/27	36%													
2495	North Fork Peachtree Creek_101	4/4/18	12/20/27	90%													
2496	Upper Crooked Creek_1	6/3/19	12/31/27	3%													
2497	South Fork Peachtree Creek	8/7/18	12/20/27	23%													
2498	Peavine Creek_25	2/9/17	12/20/27	12%													
2499	Indian Creek_3	3/1/19	12/20/27	51%													
2500	Polebridge Creek_109	7/1/16	12/20/27	16%													
2501	Intrenchment Creek_37	11/7/17	12/20/27	90%													
2502	Shoal Creek_Melanie Court_3	3/1/19	12/31/27	7%													
2505	Sugar Creek_12	5/3/19	12/31/27	5%													
2506	Ball Mill Creek_6	6/3/19	12/20/27	49%													
2507	Lower Stone Mountain Creek_20	6/3/19	12/20/27	1%													
2508	Barbashela Creek_23	4/15/19	12/20/27	4%													
2509	Lower Crooked Creek_14	4/1/19	12/20/27	17%													
2510	Doolittle Creek_28	3/2/20	12/20/27	90%													
2511	Crooked Creek_19	3/2/20	12/20/27	9%													
2512	Honey Creek_20	3/2/20	12/20/27	5%													
2513	Corn Creek_8	7/1/16	12/20/27	0%													
3935	<b>10. Financial Analysis Program</b>	<b>7/1/14</b>	<b>5/1/25</b>														
3936	Prepared multiple Revenue Sufficiency Analysis for 2025 through 2034.	7/1/24	12/31/24	100%									12/31/24				
3937	Update Revenue Sufficiency Analysis to reflect the recommendations of the incoming CEO.	1/14/25	1/30/25	0%										1/30/25			
3938	Developed potential water/sewer rate increases for various CIP spending levels.	7/1/24	12/31/24	100%									12/31/24				
3939	Provide recommendation to Board of Commissioners for water/sewer rate increase approval.	1/28/25	2/28/25	0%											2/28/25		
3940	Issue bonds to fund Consent Decree projects.	3/3/25	5/1/25	0%													5/1/25

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3941	<b>11. Maintenance Management System</b>			86%													
3942	Address maintenance related to SSO's by cleaning small diameter pipe of 15 inches or smaller (30 miles in 2H24), chemically treating roots in sewer mains (164 miles in 2H24) and clearing easements (112 linear miles clearing easements in 2H24)			Ongoing													
3943	Perform sewer creek crossing inspection of pipes requiring a revisit within a year (923 inspections in 2H24)			Ongoing													
3944	Notify property owners of deficiencies with their private sewer laterals discovered by PASARP smoke testing. Requested owners fix defects & respond with proof of completion (20 letters sent, 51 repairs completed on laterals and clean out caps in 2H24)			Ongoing													
4682																	
4684	<b>Grouped by Work Breakdown Structure (WBS) :</b>																
4685	<b>Task</b>																
4686	<b>Subtask</b>																
4687	<b>Group</b>																
4688	<b>Package or Subgroup</b>																
4689	<b>Subpackage</b>																
4690	<b>Service</b>																
4693																	
4694	<b>Acronyms :</b>																
4695	AE - Architectural Engineer or Design Consultant																
4696	BOC - Board of Commissioners																
4697	CD - Consent Decree																
4698	CDPMT - Consent Decree Program Management Team																
4699	CERP - Contingency and Emergency Response Plan																
4700	CMOM - Capacity, Management, Operations, and Maintenance																
4701	D/B - Design Build																
4702	DWM - Department of Watershed Management																
4703	EPA - US Environmental Protection Agency																
4704	FOG - Fats, Oils & Grease																

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4705	GIS - Geographic Information System																
4706	If - linear feet																
4707	LS - Lift Station																
4708	NTP - Notice to Proceed																
4709	OSARP - Ongoing Sewer Assessment and Rehabilitation Program																
4710	PASARP - Priority Area Sewer Assessment and Rehabilitation Program																
4711	P&C - Purchasing & Contracting																
4712	QA - Quality Assurance																
4713	QC - Quality Check																
4714	RFP - Request for Proposal																
4715	SSO - Sanitary Sewer Overflow																
4716	TISCIT - Totally Integrated Sonar and Camera Inspection Technology																