
Semi-Annual Report #15

January 1, 2019, to June 30, 2019
Civil Action No. 1:10cv4039 - WSD

**DeKalb County
Department of Watershed Management**



DeKalb County
G E O R G I A



July 30, 2019

Table of Contents

Introduction	1
Capacity, Management, Operations, and Maintenance Programs Update.....	2
1. Contingency and Emergency Response Plan (CERP) (CD VI.B.i)	2
2. Fats, Oils, and Grease (FOG) Management Program (CD VI.B.ii)	3
3. Sewer Mapping Program (CD VI.B.iii)	5
4. Collection and Transmission Systems Training Program (CD VI.B.v).....	5
5. System-Wide Flow and Rainfall Monitoring Program (CD VI.B.vi)	6
6. Infrastructure Acquisitions Program (CD VI.B.ix)	7
7. System-Wide Hydraulic Model.....	8
8. Priority Areas Sewer Assessment and Rehabilitation Program (PASARP) (CD VI.B.x).....	9
9. Ongoing Sewer Assessment and Rehabilitation Program (OSARP) (CD X 38.)	10
10. Maintenance Management System (MMS) Program (CD VI.B.iv)	11
Gantt Chart.....	13
Table(s)	
Table 1. Consent Decree Submittals – Schedule and Status.....	1

Acronyms

CD	Consent Decree
CERP	Contingency and Emergency Response Plan
CIPPM	Capital Improvement Projects Program Manager
CMOM	Capacity, Management, Operations, and Maintenance
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
GIS	geographic information system
I/I	infiltration and inflow
lf	linear feet
LS	lift station
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
SL-RAT	Sewer Line Rapid Assessment Tool
SSO	sanitary sewer overflow
SSOAP	Sanitary Sewer Overflow Analysis and Planning
TISCIT	Totally Integrated Sonar and Camera Inspection Technique

Introduction

DeKalb County (the “County”) submits this 15th Semi-Annual Report in accordance with Section IX, Paragraph 57 of the Consent Decree (CD) (Civil Action 1:10cv4039-WSD) 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.”

A number of projects and activities have taken place during the first 6 months of 2019, and several projects and activities are projected to be implemented in the second 6 months of 2019. As the 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

Consent Decree #	Title	DWM Submittal for Review
IX. (56)	Quarterly Report	January 30, 2019
IX. (57)	14 th Semi-Annual Report	January 30, 2019
IX. (57)	7 th Annual Report (2018)	February 27, 2019
IX. (56)	Quarterly Report	April 30, 2019
IX. (56)	Quarterly Report	July 30, 2019
IX. (57)	15 th Semi Annual Report	July 30, 2019
IX. (56)	Quarterly Report	October 30, 2019

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 1/1/2019 to 6/30/2019

- i.) Provided multiple instances of training to ensure County personnel and applicable contractors are prepared to respond to sanitary sewer overflow (SSO) emergencies (see Gantt Chart lines 678–682).
 - a. Conducted CERP refresher training for 458 personnel in divisions of Department of Watershed Management (DWM). New DWM employees are trained in CERP during New Employee Orientation.
 - b. Provided training to a total of 476 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 from other departments and DWM and improves response when other departments have information regarding an SSO.)
 - c. Held CERP training for 65 contractor personnel involved with CD-related projects within the first 6 months of 2019. 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 (see Gantt Chart lines 683–685).
 - a. Amplified community awareness and education efforts related to fats, oils, and grease (FOG), the leading cause of SSO in the County. More than 21,700 FOG educational flyers were distributed to residents in areas of spills and at community events, informing community members about the effects of FOG on the collection system (additional information about this outreach is in the FOG program section).
- iii.) Implemented immediate maintenance and long-term project planning solutions to ensure the resolution and prevention of SSOs (see Gantt Chart lines 686–691).
 - a. Continued to monitor and coordinate areas for follow-up cleaning or rehabilitation measures. Upon completion of initial response cleaning (approximately 300,000 linear feet [lf]), areas were further cleaned or rehabilitated as needed.
 - b. Addressed long-term solutions to maintenance-related SSOs by establishing formal root control and cleaning asset management programs. After a root-related SSO, created work orders for chemical root control and/or easement clearing. Coordinated with other DWM divisions to have contractors perform work and complete documentation. Additional information is included in Maintenance Management Program section.

Exception Reporting: EPD was notified via letter dated October 11, 2016, of an inability to meet the public notice with a 7-day timeframe in the legal organ. (The *Champion Newspaper*, which publishes once per week, requires up to a 10-day pre-notice timeframe). Notwithstanding the inability to meet the 7-day timeframe, 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 a 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 site of a spill as well as upstream/downstream of the site.

b) Projects and Activities Anticipated for the Reporting Period 7/1/2019 to 12/31/2019

- i.) Provide multiple instances of training (see Gantt Chart lines 678–682).
 - a. Continue to provide CERP refresher training to personnel within DWM. These classes take place in the first and second quarter of the year. All personnel are required to attend training yearly. Anticipate training of approximately 100 personnel.
 - b. Continue to provide SSO identification and reporting training to new employees County-wide. These classes occur monthly.
 - c. Continue CERP training for contractor personnel involved with CD-related projects. This training is held as new contracts or contract personnel are added.
- ii.) Ensure effective Community Communications (see Gantt Chart lines 683–685).
 - a. Continue community awareness and education efforts related to FOG. DWM will assemble a team focused on distributing fliers and attending community events.
- iii.) Provide solutions to resolve SSOs and potential SSOs before they occur (see Gantt Chart lines 686–691).
 - a. Continue to monitor and coordinate areas for follow-up cleaning or rehabilitation measures after a SSO. Areas that have experienced a SSO to 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 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 1/1/2019 to 6/30/2019

- ii.) To prevent FOG from entering the collection system, the following education efforts were executed (see Gantt Chart lines 693–697).
 - a. Sponsored 142 public outreach events reaching approximately 21,000 citizens with information about FOG and its effect on sewer systems.
 - b. DWM has partnered with the DeKalb County School District to reduce sewer spills. DWM worked with the school district to develop the “No FOG, No Clog” public education campaign for more than 102,000 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 includes tips on social media. The campaign was launched in areas where sewer spills most often occur and will continue during the 2018–2019 school year.

For the January 1 through June 30, 2019, reporting period, DWM conducted 43 school events with 154 presentations reaching approximately 10,800 students with information about FOG and its effect on sewer systems.

iii.) Program Compliance and Enforcement (see Gantt Chart lines 698–702)

- a. Total inspections: 4,428. Inspections are performed to ensure that Food Service Establishments (FSE) have proper FOG interceptors, are properly maintaining the equipment, and have paid all required fees.
- b. Warning citations issued: 791. Facilities are given a warning citation to comply with poor interceptor maintenance. The vast majority of FSEs come into compliance within the required 48-hour period, otherwise the County may proceed with a court summons.
- c. Permits issued: 1,481. All FSE proposing to discharge or currently discharging wastewater that contain FOG must obtain a FOG wastewater discharge permit annually or cease ongoing operation.
- d. Court summons issued: 137
 - i. 112 cases were resolved with the FSE paying a fine and coming into compliance with the ordinance.
 - ii. 25 cases are not resolved. The court date is still pending, or the defendant did not show and the date was reset.

iv.) Program statistics (see Gantt Chart lines 703–705)

- a. More than 3.7 million gallons of FOG removed by haulers from FSEs.
- b. The Georgia Institute of Technology consulting project results were evaluated by DWM and the following activities were implemented:
 - i. Deeper Educational Engagement in Hot Spot Zip Codes- this was accomplished through social media campaigns focusing on FOG best practices.
 - ii. Engage with DeKalb County School District: Prioritize hot spot zones- An education program was launched through the schools in 2018. The program will expand in 2019.
 - iii. Communication after Overflows/Blockages-Spill information is shared to communities through the NextDoor application.

b) Projects and Activities Anticipated for the Reporting Period 7/1/2019 to 12/31/2019

i.) Community Education (see Gantt Chart lines 693–697)

- a. Expand communication with County residents and customers as part of the Public Education Program through contacts with community groups and organizations aiding new residents to DeKalb County.
- b. Continue FOG education programs in DeKalb County schools reaching approximately 8,000 students.

ii.) Compliance and Enforcement (see Gantt Chart lines 698–702)

- a. Continue to have FOG inspectors participate in approximately 3,000 FOG investigations as part of trends analysis follow-up.

- b. Continue aggressive enforcement program aimed at achieving an even higher compliance with the FOG ordinance.

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

a) Projects and Activities Accomplished for the Reporting Period 1/1/2019 to 6/30/2019

- i.) Data Input and Quality Control (see Gantt Chart lines 709–711)
 - 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. A total of 357 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 Maintenance Management System Program for maintenance and evaluation.

b) Projects and Activities Anticipated for the Reporting Period 7/1/2019 to 12/31/2019

- i.) Data Input and Quality Control (see Gantt Chart lines 709–711)
 - a. Identify which assets are in areas without sufficient or properly recorded easement documents. 400 as-built drawings and subdivision plats are anticipated to be added to the GIS system.
- ii.) System Enhancements
 - a. Consolidate DWM GIS online accounts with County-wide accounts to obtain access to more data, resources, and applications.
 - b. Transfer internally maintained webmaps and applications to online maps and applications to provide wider access across user groups. This will allow for more users to access DWM data.
 - c. Upload GIS database to new, more robust and versatile server.

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

a) Projects and Activities Accomplished for the Reporting Period 1/1/2019 to 6/30/2019

- i.) Implemented the revised Training Program (2018) using the Training Matrix, Training Calendar, and Compliance Suite software. There were a total of 8,394 hours of training performed during this period (see Gantt Chart lines 719–720).
- ii.) The DWM Safety Division held classes monthly for safety and security topics.
- 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 the Compliance Suite software.

- v.) Monthly and quarterly reports notifying supervisors of their cost center's required participation were produced and distributed. Reports described which employees had attended class and which were still needing to register for upcoming classes.
- vi.) Schedules of classes were recorded and updated using the Compliance Suite software and were available to all personnel.
- vii.) Examples of classes provided and number of participants:
 - a. Accountability-84
 - b. Blood borne Pathogen-226
 - c. Confined Space Awareness-85
 - d. Department Safety Management Systems-192
 - e. Emergency Action/Response Plan-228
 - f. Employee Rights and Responsibilities-191
 - g. Ergonomics-196
 - h. Fire Prevention Plans-187
 - i. Hazard Communication-231
 - j. Medical Services and First Aid-181
 - k. Personal Protective Equipment-218
 - l. Safety Management Division Overview-179
 - m. Slip, Trips & Falls-190
 - n. Workplace Violence-233

b) Projects and Activities Anticipated for the Reporting Period 7/1/2019 to 12/31/2019

- i.) Continue implementation of updated Training Program using Training Matrix, Training Calendar, and Compliance Suite software to track compliance (see Gantt Chart lines 721-723).
- ii.) Continue producing and distributing reports of participation by cost center.

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

a) Projects and Activities Accomplished for the Reporting Period 1/1/2019 to 6/30/2019

- i.) Gathered data to support development of the hydraulic model in North Fork Peachtree Creek (35 flow meters), South Fork Peachtree Creek (37 flow meters), Snapfinger (70 flow meters), Pole Bridge (31 flow meters), and Miscellaneous Area (13 flow meters) (see Gantt Chart lines 833, 849, 865, 881 and 897).
- ii.) Continued calibration and maintenance of flow monitoring and rain gauge network (see Gantt Chart lines 828, 844, 860, 876, and 892).
- iii.) Performed quality assurance/quality control (QA/QC) tasks regarding flow monitoring and rain gauge data (see Gantt Chart lines 826, 842, 858, 874, and 890).
- iv.) Submitted draft flow monitoring TM for Intrenchment Creek and Nancy Creek (See Gantt Chart lines 902 and 907)
- v.) Placed temporary monitors throughout the system, as needed, to assist in determining available sewer capacity for specific projects (see Gantt Chart line 946).
- vi.) Collected data to support multiple CMOM programs. For example, flow data were used to determine spill volumes, as warranted, as part of the CERP (see Gantt Chart line 947).

- vii.) Utilized flow data to monitor surcharging conditions in the system. If a surcharge was detected in the data, an alert was passed on to the Operations Division to dispatch personnel to investigate. One example involved a lift station that had surcharging indicated upstream of the station by the flow monitor. A crew was able to address a blockage in the station before an overflow occurred (see Gantt Chart line 947).
- viii.) Procured manhole-mounted infiltration and inflow (I/I) monitoring system. Flow analysis from the current flow monitoring network has identified drainage areas that have higher than average I/I contributions into the system. These I/I monitors selected will be utilized to further isolate potential locations of I/I (see Gantt Chart line 937).
- ix.) Received additional 50 flow meters and 177 modems to replace aging equipment and modems (see Gantt Chart line 941).
- x.) Began to install cellular modems in flow monitors identified as permanent sites to reduce amount of data retrieval visits required to maintain data integrity. Installed modems in 65 flow monitors within the first 6 months of 2019 (see Gantt Chart line 942).

b) Projects and Activities Anticipated for the Reporting Period 7/1/2019 to 12/31/2019

- i.) Continue the use of flow monitors to collect data to support multiple CMOM programs (see Gantt Chart line 947).
- ii.) Finalize Flow Monitoring Program Installation TM for Intrenchment Creek, Nancy Creek, North Fork Peachtree Creek, South Fork Peachtree Creek, Snapfinger, Pole Bridge, and Miscellaneous model areas (See Gantt Chart lines 905, 910, 915, 920, 925, 930, and 935).
- iii.) Install the new manhole mounted I/I monitoring system in areas identified as having I/I conditions. The system includes sensors to measure depth of flow and software to analyze volumetric changes and pinpoint possible locations of I/I (see Gantt Chart line 938).
- iv.) Continue installing cellular modems in flow monitors identified as permanent sites to reduce amount of data retrieval visits required to maintain data integrity (see Gantt Chart line 942).

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

a) Projects and Activities Accomplished for the Reporting Period 1/1/2019 to 6/30/2019

- i.) Evaluated/inspected 20,284 feet of pipe (see Gantt Chart line 949).
- ii.) No new lift stations acquired this period (see Gantt Chart line 950).
- iii.) Wastewater plan review (buildings): 586 (see Gantt Chart line 951)
- iv.) Wastewater plan review (land disturbance): 255 (see Gantt Chart line 952)
- v.) Final plat reviews: 34 (see Gantt Chart line 953)
- vi.) FOG building reviews: 673 (see Gantt Chart line 954)
- vii.) Sewer capacity requests received: 279 (see Gantt Chart line 955)
- viii.) Capacity letters issued: 269 (see Gantt Chart line 956)

Exception Reporting: The wastewater flows from approved capacity requests are being tracked and incorporated into the fully developed model(s), and allotment letters are provided at a developer's request. Allotment letters indicating that the applicant's wastewater flows were being allotted for a limited period were not provided to all applicants.

b) Projects and Activities Anticipated for the Reporting Period 7/1/2019 to 12/31/2019

- i.) Develop new interim protocols for capacity assurance and certification of capacity connections for use with the fully developed dynamic hydraulic models once the models are approved by the County and EPA/EPD (see Gantt Chart line 958).
- ii.) Integrate capacity allotment process with cities' permitting procedures (see Gantt Chart line 967).

7. System-Wide Hydraulic Model

a) Projects and Activities Accomplished for the Reporting Period 1/1/2019 to 6/30/2019

- i.) Completed flow data analysis and model flow loading update for North Fork Peachtree Creek, South Fork Peachtree Creek, Snapfinger, Pole Bridge and Miscellaneous model areas (see Gantt Chart lines 1079, 1128, 1177, 1226, and 1276).
- ii.) Completed subcatchment delineation for North Fork Peachtree Creek, South Fork Peachtree Creek, Snapfinger, Pole Bridge and Miscellaneous model areas (see Gantt Chart lines 1078, 1127, 1176, 1225, and 1275).
- iii.) Continued data collection for model sanitary flow distribution refinement on latest water billing data, large users/wastewater dischargers, and septic tank services areas (see Gantt Chart lines 976, 1025, 1074, 1123, 1172, and 1221).
- iv.) Continued review of water billing data and established Sanitary Sewer Overflow Analysis and Planning (SSOAP) Toolbox data import procedures (see Gantt Chart lines 1079, 1128, 1177, 1226, and 1276).
- v.) Completed model boundary condition setup using data received from the City of Atlanta, Clayton County, Fulton County, Henry County, and Rockdale County (See Gantt Chart lines 976-979, 1025-1028, 1074-1077, 1123-1126, 1172-1175, 1221-1224, and 1271-1274).
- vi.) Began preliminary dry weather flow model calibration for Snapfinger Basin, Pole Bridge Basin and Miscellaneous model areas (see Gantt Chart lines 1196, 1245, and 1295).
- vii.) Completed dry weather flow model calibration for North Fork Peachtree Creek and South Fork Peachtree Creek (see Gantt Chart lines 1099 and 1148).
- viii.) Completed wet weather dynamic hydraulic model setup for all modeling areas (see Gantt Chart lines 973, 1022, 1073, 1122, 1171, 1220, and 1270).
- ix.) Begin wet weather calibration for North Fork Peachtree Creek, South Fork Peachtree Creek, and Snapfinger Basin (see Gantt Chart lines 1102, 1151, and 1200).
- x.) Completed model network verification and updates based on major system changes in North Fork Peachtree Creek, South Fork Peachtree Creek, Snapfinger, Pole Bridge and Miscellaneous model areas (see Gantt Chart lines 1094-1096, 1144-1146, 1192-1194, 1241-1243, and 1291-1293).
- xi.) Initial completion of calibration and capacity assessment by modelers for Intrenchment Creek and Nancy Creek, subject to internal County and Peer review (See Gantt Chart lines 993-1008 and 1042-1057).
- xii.) Modelers submitted Draft hydraulic modeling reports to County for Intrenchment Creek and Nancy Creek (see Gantt Chart lines 1012 and 1061).

b) Projects and Activities Anticipated for the Reporting Period 7/1/2019 to 12/31/2019

- i.) Initial completion of calibration and capacity assessment by modelers for North Fork Peachtree Creek, South Fork Peachtree Creek, Snapfinger Basin, Pole Bridge Basin, and Miscellaneous model areas, subject to internal County and Peer review (See Gantt Chart lines 1093-1108, 1142-1157, 1191-1206, 1240-1255, and 1290-1305).
- ii.) Modelers to submit Draft hydraulic modeling reports to County for North Fork Peachtree Creek, South Fork Peachtree Creek, Snapfinger Basin, Pole Bridge Basin, and Miscellaneous model areas (See Gantt Chart lines 1112, 1161, 1210, 1260, and 1310).
- iii.) County approval of Intrenchment Creek, Nancy Creek, North Fork Peachtree Creek, South Fork Peachtree Creek, and Miscellaneous models as fully developed (See Gantt Chart lines 1019, 1068, 1117, 1165, and 1315)

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

a) Projects and Activities Accomplished for the Reporting Period 1/1/2019 to 6/30/2019

- i.) Continued follow-up maintenance activities including cleaning and closed-circuit television inspections to address maintenance recommendations developed from initial tiered assessments in PASARP areas.
- ii.) For Design Build Package No. 1, construction completed for early work components. The remaining work is either under final design or under construction. This design build package is to address structural defects identified from assessment activities and improve conveyance capacity (see Gantt Chart lines 1566-1596).
- iii.) For Design Build Package No. 2, construction completed for early work components. The remaining work is either under final design or under construction. This design build package is to address structural defects identified from assessment activities and improve conveyance capacity (see Gantt Chart lines 1598-1624).
- iv.) For Design Build Package No. 3, preliminary design has been complete and GMP accepted by the County. This design build package is to address structural defects identified from assessment activities and improve conveyance capacity (see Gantt Chart line 1627-1630).
- v.) Ongoing procurement of the bid package for Design Build Package No. 4. This design build package is to address structural defects identified from assessment activities and improve conveyance capacity (see Gantt Chart line 1651).
- vi.) Design of Rehabilitation Package No. 5 (Bundle 3), 6, 7 and 8 (Annual AE Contract 1, 2, 3, and 4) is ongoing. These rehabilitation packages include capacity improvement projects (see Gantt Chart lines 1674-1676, 1682-1684, 1688-1690, and 1695-1698).
- vii.) Ongoing design of remaining rehabilitation work not previously assigned to Rehabilitation Package Nos. 1 through 8 by Capital Improvement Projects Program Manager (CIPPM) (see Gantt Chart lines 1699-1700).
- viii.) Annual Construction Contract 1 continued lining and point repair construction (See Gantt Chart line 1704).
- ix.) Began procurement for SRAC 1 (see Gantt Chart lines 1753-1754).
- x.) Began procurement for Coop Agreement 1 (see Gantt Chart lines 1776-1779).

- xi.) Ongoing procurement for Coop Agreement 2 (see Gantt Chart lines 1785-1787).
- xii.) Completed design and construction for 2692 Caladium Drive upsizing project in Design Build Package No. 1 (see Gantt Chart lines 2359-2360).

Exception Reporting: The initial scope of the Caladium Drive rehabilitation project was for 600 lf of lining with a milestone of December 2015 but has been modified to include approximately 2,300 lf of pipe upsizing to address capacity restrictions. Substantial completion was reached April 16, 2019

b) Projects and Activities Anticipated for the Reporting Period 7/1/2019 to 12/31/2019

- i.) Continue final design and construction of projects in Design Build Rehabilitation Packages No. 1 and 2 (see Gantt Chart lines 1575-1624).
- ii.) Complete design and begin construction for projects in Design Build Package No. 3 (see Gantt Chart lines 1632-1642).
- iii.) Ongoing procurement of the bid package for Design Build Package No. 4. This design build package is to address structural defects identified from assessment activities and improve conveyance capacity (see Gantt Chart line 1651).
- iv.) For Rehabilitation Package Nos. 5, 6, 7 and 8, continue design of capacity improvement projects (see Gantt Chart lines 1674-1676, 1682-1684, 1688-1690, and 1695-1698).
- v.) CIPPM to continue assigned cured-in-place pipe lining and point repair design (see Gantt Chart lines 1699-1700).
- vi.) Annual Construction Contract 1, 2, 3, and 4 to continue lining and point repair construction (see Gantt Chart line 1704).
- vii.) SRAC 1 to be advertised for bid (see Gantt Chart lines 1754-1758).
- viii.) Procure Coop Agreements 1 and 2 and begin construction (see Gantt Chart lines 1780 and 1789).
- ix.) Continue ongoing maintenance for assets in PASARP areas based on initial tiered assessments.

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

a) Projects and Activities Accomplished for the Reporting Period 1/1/2019 to 6/30/2019

- i.) Performed ongoing tiered assessment in OSARP areas. Completed approximately 730,244 lf of smoke testing, 596,376 lf of acoustic inspections, and 2,759 manhole condition assessments (see Gantt Chart lines 2056-2113).
- ii.) Completed approximately 22.9 miles of Totally Integrated Sonar and Camera Inspection Technique (TISCIT) assessments of large-diameter trunk sewers in OSARP areas (see Gantt Chart lines 2158-2181).
- iii.) Removed approximately 650 tons of debris from large-diameter trunks that may contribute to restoration of capacity in the system (see Gantt Chart lines 2182-2206).
- iv.) Completed construction of the Interstate 85/Oakcliff Industrial Court sewer replacement project (see Gantt Chart line 3244).

- v.) Continue procurement process for tiered assessment contract (see Gantt Chart lines 2115-2123).

Exception Reporting: The Interstate 85/Oakcliff Industrial Court sewer replacement project was schedule to be complete by December 31, 2018; however, because of extreme weather events in December 2018, this project was completed on January 18, 2019.

b) Projects and Activities Anticipated for the Reporting Period 7/1/2019 to 12/31/2019

- i.) Continue tiered assessment in OSARP areas. Anticipate completing approximately 500,000 lf of smoke testing, 500,000 lf of acoustic inspections, and 2,500 manhole condition assessments (see Gantt Chart lines 2056-2113).
- ii.) Complete approximately 10 miles of TISCIT assessments of large-diameter trunks in OSARP areas (see Gantt Chart lines 2158-2181).
- iii.) Procure OSARP tiered assessment contract (see Gantt Chart lines 2131-2134).

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

a) Projects and Activities Accomplished for the Reporting Period 1/1/2019 to 6/30/2019

- i.) To address maintenance-related SSO (grease, roots, debris, or any combination), the following maintenance activities were executed (see Gantt Chart line 3629):
 - a. Performed 303 miles of small-diameter (15 inches or smaller) sewer cleaning. This represents 11 percent of the system.
 - b. A total of 116 miles of sanitary sewer mains were treated for roots using chemicals. This represents 4.5 percent of the system.
 - c. A total of 4,805,865 square feet, or approximately 91 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.) Procured contract for small-diameter (15 inches and smaller) cleaning contract (see Gantt Chart line 3634).
- iii.) Performed 955 sewer creek crossing inspections for pipes previously identified as needing revisit within a year (see Gantt Chart line 3630).
- iv.) 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 owner repair the defect and respond with proof of completion. A total of 3,332 letters were sent, and 659 repairs were completed on laterals (see Gantt Chart line 3632).
- v.) Use Sewer Line Rapid Assessment Tool (SL-RAT) acoustic inspection tool. DWM added a crew dedicated to using the tool to investigate blockages in pipes and determined if pipes needing cleaning based on the percent of the pipe that was blocked. The crew assessed 30 miles of pipe (see Gantt Chart line 3633).

b) Projects and Activities Anticipated for the Reporting Period 7/1/2019 to 12/31/2019

- i.) 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 (see Gantt Chart line 3629).
- ii.) Use Easement Clearing contract to clear approximately 3,500,000 square feet of easements of vegetation to provide access for maintenance and for root control (see Gantt Chart line 3629).
- iii.) Complete all creek crossing inspections for those crossings identified as needing yearly inspections. Approximately 300 crossings will be completed during this period (see Gantt Chart line 3630).
- iv.) Complete construction of three lift station projects with 2019 milestone dates: Leeshire Lift Station (LS), New Gibraltar I LS, and Kings Way LS (see Gantt Chart lines 3331-3535).

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 #14															
ID	Task Name	Start	Finish	CD/CMOM Date	% Complete	2019											
						J	A	S	O	N	D	J	F	M	A	M	J

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 #14															
ID	Task Name	Start	Finish	CD/CMOM Date	% Complete	2019											
						J	A	S	O	N	D	J	F	M	A	M	J

Task Name - Name of the task.

DeKalb County Department of Watershed Management		Semi-Annual Report #14															
ID	Task Name	Start	Finish	CD/CMOM Date	% Complete	2019											
						J	A	S	O	N	D	J	F	M	A	M	J

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

DeKalb County Department of Watershed Management		Semi-Annual Report #14															
ID	Task Name	Start	Finish	CD/CMOM Date	% Complete	2019											
						J	A	S	O	N	D	J	F	M	A	M	J





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

DeKalb County Department of Watershed Management		Semi-Annual Report #14															
ID	Task Name	Start	Finish	CD/CMOM Date	% Complete	2019											
						J	A	S	O	N	D	J	F	M	A	M	J

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.

DeKalb County Department of Watershed Management		Semi-Annual Report #14															
ID	Task Name	Start	Finish	CD/CMOM Date	% Complete	2019											
						J	A	S	O	N	D	J	F	M	A	M	J

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

Task		Milestone		Summary		Progress	
------	---	-----------	---	---------	--	----------	---

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

DeKalb County Department of Watershed Management						Semi-Annual Report #15											
ID	Task Name	Start	Finish	CD/CMOM Date	% Complete	2019											
						J	F	M	A	M	J	J	A	S	O	N	D
4	Capacity, Management, Operations and Maintenance Programs (CMOM) Update	4/4/14	6/30/23														
28	0. Consent Decree Reporting		Ongoing		Ongoing												
110	Quarterly SSO Reporting		Ongoing		Ongoing												
130	Quarterly SSO Report (2018)	4/30/18	1/30/19														
134	Submit Quarterly SSO Report 28	1/30/19	1/30/19	1/30/19	100												
135	Quarterly SSO Report (2019)		Ongoing		Ongoing												
136	Submit Quarterly SSO Report 29	4/30/19	4/30/19	4/30/19	100												
137	Submit Quarterly SSO Report 30	7/30/19	7/30/19	7/30/19	0												
138	Submit Quarterly SSO Report 31	10/30/19	10/30/19	10/30/19	0												
142	Semi-Annual Recurring Reporting to EPA		Ongoing		Ongoing												
219	Submit Semi-Annual Report 14	1/30/19	1/30/19	1/30/19	100												
226	Submit Semi-Annual Report 15 to EPA	7/30/19	7/30/19	7/30/19	0												
235	Annual Recurring Reporting to EPA		Ongoing		Ongoing												
288	Submit Annual Report 07	2/27/19	2/27/19	3/1/19	100												
671	1. Contingency and Emergency Response Plan (CERP)		Ongoing		Ongoing												
678	Training		Ongoing		Ongoing												
679	Conduct CERP refresher training (458 DWM staff plus new employees in 1H19)		Ongoing		Ongoing												
680	Conduct SSO training regarding identification and reporting requirements (476 County staff plus new employees in 1H19)		Ongoing		Ongoing												
681	Continue monthly first responder training relating to CERP & operational policies and procedures		Ongoing		Ongoing												
682	Conduct CERP training to contractor personnel involved with CD-related projects (65 Contractor staff in 1H19)		Ongoing		Ongoing												
683	Community Awareness		Ongoing		Ongoing												
684	Continue to expand social media presence for spill reporting		Ongoing		Ongoing												
685	Amplify community awareness and educational efforts relating to FOG (distributed 21,700 FOG flyers in 1H19)		Ongoing		Ongoing												
686	Corrective Actions		Ongoing		Ongoing												
688	Continue to monitor and coordinate areas for follow up cleaning or rehabilitation (300,000 Lf cleaned in 1H19)		Ongoing		Ongoing												
689	Finalize & 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		Ongoing												
690	Strengthen focus on proper identification of the root cause, short term and long term solutions of SSO's		Ongoing		Ongoing												
691	Address long term solutions to maintenance related SSO's by implementing root control and cleaning asset management programs		Ongoing		Ongoing												
692	2. Fats, Oils and Grease (FOG) Management Program		Ongoing		Ongoing												
693	Community Education		Ongoing		Ongoing												
694	Sponsor public outreach with FOG info (142 events reaching 21,000 citizens in 1H19)		Ongoing		Ongoing												

Stated through 6/30/19

Page 1

Printed 7/26/19 9:54 AM

DeKalb County Department of Watershed Management		Semi-Annual Report #15					2019											
ID	Task Name	Start	Finish	CD/CMOM Date	% Complete	J	F	M	A	M	J	J	A	S	O	N	D	
695	Sponsor school outreach with "No FOG, No Clog" info. Conducted school events with focus on FOG's impact to sewer system (43 events and 154 presentations reaching 10,800 students in 1H19)		Ongoing		Ongoing													
698	Program Compliance and Enforcement		Ongoing		Ongoing													
699	Perform FOG interceptor inspections on food service establishments (4,428 in 1H19)		Ongoing		Ongoing													
700	Issue FOG interceptor warning citations requiring compliance (791 in 1H19)		Ongoing		Ongoing													
701	Issue FOG interceptor permits (1,481 in 1H19)		Ongoing		Ongoing													
702	Issue FOG interceptor court summons (137 in 1H19 with 112 cases resolved and 25 cases pending or rescheduled)		Ongoing		Ongoing													
703	Program Statistics		Ongoing		Ongoing													
704	Food service haulers remove fats, oil and grease (3.7 million gallons in 1H19)		Ongoing		Ongoing													
705	Partnered with Georgia Institute of Technology to create and execute a citizen survey of FOG outreach opportunities and to gauge awareness of the understanding of proper disposal of FOG. Analyzed survey results and develop plans from findings	9/4/18	6/28/19		95												6/28	
708	3. Sewer Mapping Program		Ongoing		Ongoing													
709	Data Input and Quality Control		Ongoing		Ongoing													
710	Continue to populate Geographic Information System (GIS) map layer for sanitary sewer easements to provide access locations for maintenance assets (357 easements were identified from drawings and subdivision plats and added to GIS layer in 1H19)		Ongoing		Ongoing													
711	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		Ongoing													
712	Data Application		Ongoing		Ongoing													
714	Continue updating GIS based web maps and dashboards that are accessible on internet and which assist with hot spot identification and trend analysis of data		Ongoing		Ongoing													
715	Create web applications, web maps and dashboards to display GIS data across CMOM programs		Ongoing		Ongoing													
716	Continue to produce maps of sewer assets for field operations that include linear assets and easements		Ongoing		Ongoing													
717	4. Collection and Transmission Systems (C&TS) Training Program		Ongoing		Ongoing													
719	EPA review and approve updated C&TS training program	12/11/18	3/27/19		100												3/27	
720	Issue updated C&TS training program	3/28/19	3/28/19		100												3/28	
721	Continue to generate monthly training reports for superintendents and managers and quarterly for executive management staff to schedule training for personnel		Ongoing		Ongoing													
722	Implement updated training program utilizing training matrix, training calendar and compliance suite software (8,394 hours of training performed in 1H19)		Ongoing		Ongoing													
723	Knowledge Officer & Supervisors work to document & schedule training as described in program		Ongoing		Ongoing													
724	5. System-Wide Flow & Rainfall Monitoring Program	1/5/18	6/19/20															
820	Flow Monitoring Program - North Fork Peachtree Creek	2/1/18	3/1/19		100													

DeKalb County Department of Watershed Management		Semi-Annual Report #15					2019											
ID	Task Name	Start	Finish	CD/CMOM Date	% Complete	J	F	M	A	M	J	J	A	S	O	N	D	
822	CDPMT flow monitoring team to coordinate with CDPMT hydraulic modeling team to evaluate the captured storm events after six month of data collection period and decide if there is need to extend the monitoring	3/1/19	3/1/19		100													
826	CDPMT performs daily, weekly, monthly data QC & mass balance	5/10/18	1/31/19		100													
828	CDPMT track and summarize flow meter installation and calibration progress and compare with DWM tracking and summary	5/10/18	1/31/19		100													
830	CDPMT process raw data submitted by DWM monthly and prepare SSOAP input format files	5/10/18	1/31/19		100													
833	CDPMT prepares final post-processed/clean/QC'd Data for the entire flow monitoring period for modeling (35 flow meters)	1/31/19	1/31/19		100													
836	Flow Monitoring Program - South Fork Peachtree Creek	2/1/18	3/1/19		100													
838	CDPMT flow monitoring team to coordinate with CDPMT hydraulic modeling team to evaluate the captured storm events after six month of data collection period and decide if there is need to extend the monitoring	3/1/19	3/1/19		100													
842	CDPMT performs daily, weekly, monthly data QC & mass balance	7/16/18	2/1/19		100													
844	CDPMT track and summarize flow meter installation and calibration progress and compare with DWM tracking and summary	7/16/18	2/1/19		100													
846	CDPMT process raw data submitted by DWM monthly and prepare SSOAP input format files	7/16/18	2/1/19		100													
849	CDPMT prepares final post-processed/clean/QC'd Data for the entire flow monitoring period for modeling (37 flow meters)	2/1/19	2/1/19		100													
852	Flow Monitoring Program - Snapfinger	2/1/18	5/24/19		100													
854	CDPMT flow monitoring team to coordinate with CDPMT hydraulic modeling team to evaluate the captured storm events after six month of data collection period and decide if there is need to extend the monitoring	5/24/19	5/24/19		100													
858	CDPMT performs daily, weekly, monthly data QC & mass balance	8/27/18	3/8/19		100													
860	CDPMT track and summarize flow meter installation and calibration progress and compare with DWM tracking and summary	8/27/18	3/8/19		100													
862	CDPMT process raw data submitted by DWM monthly and prepare SSOAP input format files	8/27/18	3/8/19		100													
865	CDPMT prepares final post-processed/clean/QC'd Data for the entire flow monitoring period for modeling (70 flow meters)	3/8/19	3/8/19		100													
868	Flow Monitoring Program - Pole Bridge	2/1/18	5/24/19		100													
870	CDPMT flow monitoring team to coordinate with CDPMT hydraulic modeling team to evaluate the captured storm events after six month of data collection period and decide if there is need to extend the monitoring	5/24/19	5/24/19		100													
874	CDPMT performs daily, weekly, monthly data QC & mass balance	8/10/18	4/1/19		100													
876	CDPMT track and summarize flow meter installation and calibration progress and compare with DWM tracking and summary	8/10/18	4/1/19		100													

Stated through 6/30/19

Page 3

Printed 7/26/19 9:54 AM

DeKalb County Department of Watershed Management							Semi-Annual Report #15												
ID	Task Name	Start	Finish	CD/CMOM Date	% Complete	2019	J	F	M	A	M	J	J	A	S	O	N	D	
878	CDPMT process raw data submitted by DWM monthly and prepare SSOAP input format files	8/10/18	4/1/19		100														4/1
881	CDPMT prepares final post-processed/clean/QC'd Data for the entire flow monitoring period for modeling (31 flow meters)	4/1/19	4/1/19		100														4/1
884	Flow Monitoring Program - Misc Intergovernmental	2/9/18	5/24/19		100														
886	CDPMT flow monitoring team to coordinate with CDPMT hydraulic modeling team to evaluate the captured storm events after six month of data collection period and decide if there is need to extend the monitoring	5/24/19	5/24/19		100														5/24
890	CDPMT performs daily, weekly, monthly data QC & mass balance	8/1/18	4/1/19		100														4/1
892	CDPMT track and summarize flow meter installation and calibration progress and compare with DWM tracking and summary	8/1/18	4/1/19		100														4/1
894	CDPMT process raw data submitted by DWM monthly and prepare SSOAP input format files	8/1/18	4/1/19		100														4/1
897	CDPMT prepares final post-processed/clean/QC'd Data for the entire flow monitoring period for modeling (13 flow meters)	4/1/19	4/1/19		100														4/1
900	Flow Monitoring Program - Installation Technical Memorandums (TM's)	4/1/19	1/3/20																
902	Intrenchment Creek - Prepare draft flow monitoring program installation TM	4/1/19	5/31/19		100														5/31
903	Intrenchment Creek - DWM review draft flow monitoring program installation TM	6/3/19	7/26/19		44														7/26
904	Intrenchment Creek - Revise flow monitoring program installation TM	7/29/19	8/15/19		0														8/15
905	Intrenchment Creek - Issue final flow monitoring program installation TM	8/15/19	8/15/19		0														8/15
907	Nancy Creek - Prepare draft flow monitoring program installation TM	4/1/19	5/31/19		100														5/31
908	Nancy Creek - DWM review draft flow monitoring program installation TM	6/3/19	8/16/19		28														8/16
909	Nancy Creek - Revise flow monitoring program installation TM	8/19/19	9/6/19		0														9/6
910	Nancy Creek - Issue final flow monitoring program installation TM	9/6/19	9/6/19		0														9/6
912	North Fork Peachtree Creek - Prepare draft flow monitoring program installation TM	9/3/19	9/27/19		0														9/27
913	North Fork Peachtree Creek - DWM review draft flow monitoring program installation TM	9/30/19	11/8/19		0														11/8
914	North Fork Peachtree Creek - Revise flow monitoring program installation TM	11/11/19	12/6/19		0														12
915	North Fork Peachtree Creek - Issue final flow monitoring program installation TM	12/6/19	12/6/19		0														12/6
917	South Fork Peachtree Creek - Prepare draft flow monitoring program installation TM	9/23/19	10/18/19		0														10/18
918	South Fork Peachtree Creek - DWM review draft flow monitoring program installation TM	10/21/19	12/6/19		0														12
919	South Fork Peachtree Creek - Revise flow monitoring program installation TM	12/9/19	12/30/19		0														12/30
920	South Fork Peachtree Creek - Issue final flow monitoring program installation TM	12/30/19	12/30/19		0														12/30
922	Snapfinger - Prepare draft flow monitoring program installation TM	10/28/19	11/15/19		0														11/15
923	Snapfinger - DWM review draft flow monitoring program installation TM	11/18/19	12/13/19		0														12/13
924	Snapfinger - Revise flow monitoring program installation TM	12/16/19	1/3/20		0														1/3
925	Snapfinger - Issue final flow monitoring program installation TM	1/3/20	1/3/20		0														1/3
927	Pole Bridge - Prepare draft flow monitoring program installation TM	10/28/19	11/15/19		0														11/15

Statused through 6/30/19

Page 4

Printed 7/26/19 9:54 AM

DeKalb County Department of Watershed Management		Semi-Annual Report #15																							
ID	Task Name	Start	Finish	CD/CMOM Date	% Complete	2019																			
						J	F	M	A	M	J	J	A	S	O	N	D								
977	Model boundary condition setup	8/1/18	1/31/19		100	█	1/31																		
978	Subcatchment delineation	8/1/18	9/28/18		100																				
993	Model calibration / sensitivity analysis	4/2/18	3/29/19		100	█																			
997	Dry Weather Flow	10/29/18	1/31/19		100	█																			
999	Final model calibration (data from entire monitoring period)	1/2/19	1/16/19		100	█	1/16																		
1000	model sensitivity analysis	1/17/19	1/31/19	NA	100	█	1/31																		
1001	Wet Weather Flow	1/17/19	3/29/19		100	█																			
1002	Model calibration	1/17/19	2/28/19		100	█	3/29																		
1003	model sensitivity analysis	3/1/19	3/29/19	NA	100	█	3/29																		
1004	Capacity assessment	4/2/18	4/23/19		100	█																			
1008	Model results analysis for capacity assessment	4/9/19	4/23/19		100	█	4/23																		
1010	Report & Training	4/17/19	9/6/19			█																			
1011	Prepare draft hydraulic modeling report	4/17/19	5/31/19		100	█																			
1012	Submit draft report for DWM and Peer review	5/31/19	5/31/19		100	█	5/31																		
1013	DWM and Peer review of draft hydraulic modeling report	6/3/19	8/2/19		60	█																			
1014	CDPMT schedule workshop to review hydraulic modeling report	6/10/19	6/12/19		100	█	6/12																		
1015	CDPMT receives DWM and Peer review comments and adjudicates	8/5/19	8/16/19		0																				
1016	Deliver final model package to County	8/16/19	8/16/19		0																				
1017	County and Peer review of final package including hydraulic modeling report	8/19/19	8/23/19		0																				
1018	CDPMT to address County and Peer review comments to final package	8/27/19	8/30/19		0																				
1019	County approves model as fully developed	9/4/19	9/6/19		0																				
1020	CDPMT to provide training to County staff on model	6/18/19	9/6/19		10																				
1021	Dynamic Model Development - Nancy Creek	4/2/18	9/13/19																						
1022	WWF model setup	6/20/18	1/31/19		100	█																			
1025	Receive data from DWM and neighbor utilities	7/2/18	1/31/19		100	█	1/31																		
1026	Model boundary condition setup	8/1/18	1/31/19		100	█	1/31																		
1042	Model calibration / sensitivity analysis	6/1/18	3/29/19		100	█																			
1046	Dry Weather Flow	10/29/18	1/31/19		100	█																			
1048	Final model calibration (data from entire monitoring period)	1/2/19	1/16/19		100	█	1/16																		
1049	model sensitivity analysis	1/17/19	1/31/19		100	█	1/31																		
1050	Wet Weather Flow	1/17/19	3/29/19		100	█																			
1051	model calibration	1/17/19	2/28/19		100	█	3/29																		
1052	model sensitivity analysis	3/1/19	3/29/19		100	█	3/29																		
1053	Capacity assessment	4/2/18	4/23/19		100	█																			
1057	Model results analysis for capacity assessment	4/9/19	4/23/19		100	█	4/23																		
1059	Report & Training	4/17/19	9/13/19			█																			
1060	Prepare draft hydraulic modeling report	4/17/19	5/31/19		100	█																			
1061	Submit draft report for DWM and Peer review	5/31/19	5/31/19		100	█	5/31																		
1062	DWM and Peer review of draft hydraulic modeling report	6/3/19	8/9/19		40	█																			

DeKalb County Department of Watershed Management						Semi-Annual Report #15											
ID	Task Name	Start	Finish	CD/CMOM Date	% Complete	2019											
						J	F	M	A	M	J	J	A	S	O	N	D
1063	CDPMT schedule workshop to review hydraulic modeling report	6/10/19	6/12/19		100												
1064	CDPMT receives DWM and Peer review comments and adjudicates	8/12/19	8/23/19		0												
1065	Deliver final model package to County	8/23/19	8/23/19		0												
1066	County and Peer review of final package including hydraulic modeling report	8/26/19	8/30/19		0												
1067	CDPMT to address County and Peer review comments to final package	9/3/19	9/6/19		0												
1068	County approves model as fully developed	9/9/19	9/13/19		0												
1069	CDPMT to provide training to County staff on model	6/25/19	9/13/19		4												
1070	Dynamic Model Development - North Fork Peachtree Creek	3/1/18	12/13/19														
1073	WWF model setup	6/20/18	1/2/19		100												
1074	Data collection RFI for dynamic model setup such as boundary condition and large water users	6/20/18	12/3/18		100												
1077	Model boundary condition setup	12/4/18	1/2/19		100												
1078	Subcatchment delineation	11/2/18	1/2/19		100												
1079	Flow data analysis and model flow loading update	7/20/18	4/26/19		100												
1080	Preliminary Dry Weather Flow data analysis and model Dry Weather Flow loading update (short term available data)	7/20/18	1/31/19		100												
1081	Receive monthly postprocessed/clean/QC data from FM team (one week after the end of the previous month)	7/20/18	1/31/19	NA													
1083	Preliminary model Dry Weather Flow loading update	1/3/19	1/31/19		100												
1084	Flow data analysis and model loading update with flow monitoring data collected through the entire flow monitoring period	1/31/19	1/31/19		100												
1085	Receive Final postprocessed/clean/QC data from FM team for the entire flow monitoring period	1/31/19	1/31/19		100												
1086	Dry Weather Flow	1/3/19	3/22/19		100												
1087	Dry Weather Flow data analysis	1/3/19	2/22/19														
1088	Model Dry Weather Flow loading update	2/25/19	3/22/19		100												
1089	Wet Weather Flow	2/1/19	4/26/19		100												
1090	Wet Weather Flow data analysis	2/1/19	3/28/19		100												
1091	CDPMT coordinate with DWM to determine adequacy of storm events meeting criteria and whether DWM needs to extend the flow monitoring period	2/1/19	3/1/19		100												
1092	Wet Weather Flow parameter model input	3/29/19	4/26/19		100												
1093	Model calibration / sensitivity analysis	6/1/18	7/31/19														
1094	Verify model network	6/1/18	2/28/19		100												
1095	DWM provide major system changes through the flow monitoring periods per format provided by CDPMT	6/1/18	1/22/19		100												
1096	Update the model network as needed	1/23/19	2/28/19		100												
1097	Dry Weather Flow	1/3/19	5/17/19		100												
1098	Preliminary model calibration (short term available data)	1/3/19	1/31/19		100												
1099	Final model calibration (data from entire monitoring period)	3/25/19	3/29/19		100												
1100	model sensitivity analysis	4/1/19	5/17/19		100												

Stated through 6/30/19

Page 7

Printed 7/26/19 9:54 AM

DeKalb County Department of Watershed Management		Semi-Annual Report #15					2019											
ID	Task Name	Start	Finish	CD/CMOM Date	% Complete	J	F	M	A	M	J	J	A	S	O	N	D	
1101	Wet Weather Flow	4/29/19	7/31/19															
1102	model calibration	4/29/19	6/28/19		100													
1103	model sensitivity analysis	6/27/19	7/29/19		10													
1104	Capacity assessment	4/2/18	8/30/19															
1108	Model results analysis for capacity assessment	8/9/19	8/23/19		0													
1109	CDPMT hold workshop to present capacity assessment results	8/26/19	8/30/19		0													
1110	Report & Training	9/3/19	12/13/19															
1111	Prepare draft hydraulic modeling report	9/3/19	9/27/19		0													
1112	Submit draft report for DWM and Peer review	9/27/19	9/27/19		0													
1113	DWM and Peer review of draft hydraulic modeling report	9/30/19	11/8/19		0													
1114	CDPMT schedule workshop to review hydraulic modeling report	10/7/19	12/6/19		0													
1115	CDPMT receives DWM and Peer review comments and adjudicates	12/6/19	12/6/19		0													
1116	Deliver final model package to County	12/6/19	12/6/19		0													
1117	County approves model as fully developed	12/9/19	12/13/19		0													
1118	CDPMT to provide training to County staff on model	10/15/19	12/13/19		0													
1119	Dynamic Model Development - South Fork Peachtree Creek	3/1/18	1/7/20															
1122	WWF model setup	6/20/18	2/28/19		100													
1123	Data collection RFI for dynamic model setup such as boundary condition and large water users	6/20/18	2/28/19		100													
1125	Receive data from DWM and neighbor utilities	7/2/18	1/31/19		100													
1126	Model boundary condition setup	8/1/18	2/28/19		100													
1127	Subcatchment delineation	8/1/18	2/28/19		100													
1128	Flow data analysis and model flow loading update	7/20/18	4/22/19		100													
1129	Preliminary Dry Weather Flow data analysis and model Dry Weather Flow loading update (short term available data)	7/20/18	1/31/19		100													
1133	Flow data analysis and model loading update with flow monitoring data collected through the entire flow monitoring period	2/1/19	2/1/19		100													
1135	Dry Weather Flow	2/4/19	3/29/19		100													
1138	Wet Weather Flow	2/4/19	4/22/19		100													
1142	Model calibration / sensitivity analysis	7/2/18	9/18/19															
1143	Verify model network	7/2/18	3/29/19		100													
1144	DWM provide major system changes through the flow monitoring periods per format provided by CDPMT	7/2/18	2/12/19		85													
1145	Update the model network as needed	2/13/19	3/29/19		0													
1146	Dry Weather Flow	2/1/19	6/4/19		100													
1147	Preliminary model calibration (short term available data)	2/1/19	4/1/19		100													
1148	Final model calibration (data from entire monitoring period)	4/1/19	4/18/19		100													
1149	model sensitivity analysis	4/19/19	6/4/19		100													
1150	Wet Weather Flow	5/20/19	9/18/19															

Statused through 6/30/19

Page 8

Printed 7/26/19 9:54 AM

DeKalb County Department of Watershed Management		Semi-Annual Report #15					2019											
ID	Task Name	Start	Finish	CD/CMOM Date	% Complete	J	F	M	A	M	J	J	A	S	O	N	D	
1151	model calibration	5/20/19	8/16/19		50													
1152	model sensitivity analysis	8/19/19	9/18/19		0													
1153	Capacity assessment	4/2/18	9/19/19															
1157	Model results analysis for capacity assessment	8/29/19	9/12/19		0													
1158	CDPMT hold workshop to present capacity assessment results	9/13/19	9/19/19		0													
1159	Report & Training	9/23/19	1/7/20															
1160	Prepare draft hydraulic modeling report	9/23/19	10/18/19		0													
1161	Submit draft report for DWM and Peer review	10/18/19	10/18/19		0													
1162	DWM and Peer review of draft hydraulic modeling report	10/21/19	12/6/19		0													
1163	CDPMT schedule workshop to review hydraulic modeling report	10/28/19	12/30/19		0													
1164	CDPMT receives DWM and Peer review comments and adjudicates	12/30/19	12/30/19		0													
1165	Deliver final model package to County	12/30/19	12/30/19		0													
1166	County approves model as fully developed	12/31/19	1/7/20		0													
1168	Dynamic Model Development - Snapfinger	3/1/18	1/9/20															
1171	WWF model setup	7/2/18	3/1/19		100													
1172	Data collection RFI for dynamic model setup such as boundary condition and large water users	7/2/18	3/1/19		100													
1174	Receive data from DWM and neighbor utilities	7/30/18	1/31/19		100													
1175	Model boundary condition setup	9/4/18	3/1/19		100													
1176	Subcatchment delineation	9/4/18	3/1/19		100													
1177	Flow data analysis and model flow loading update	9/20/18	6/4/19		100													
1178	Preliminary Dry Weather Flow data analysis and model Dry Weather Flow loading update (short term available data)	9/20/18	3/1/19		100													
1182	Flow data analysis and model loading update with flow monitoring data collected through the entire flow monitoring period	3/1/19	3/1/19		100													
1184	Dry Weather Flow	3/4/19	5/16/19		100													
1185	Dry Weather Flow data analysis	3/4/19	4/23/19		100													
1186	Model Dry Weather Flow loading update	4/24/19	5/16/19		100													
1187	Wet Weather Flow	3/1/19	6/4/19		100													
1188	Wet Weather Flow data analysis	3/1/19	4/30/19		100													
1189	CDPMT coordinate with DWM to determine adequacy of storm events meeting criteria and whether DWM needs to extend the flow monitoring period	3/1/19	4/30/19		100													
1190	Wet Weather Flow parameter model input	5/1/19	6/4/19		100													
1191	Model calibration / sensitivity analysis	9/4/18	9/4/19															
1192	Verify model network	9/4/18	12/3/19															
1193	DWM provide major system changes through the flow monitoring periods per format provided by CDPMT	9/4/18	7/31/19		85													
1194	Update the model network as needed	2/20/19	12/3/19		85													
1195	Dry Weather Flow	3/4/19	7/17/19															

DeKalb County Department of Watershed Management		Semi-Annual Report #15					2019											
ID	Task Name	Start	Finish	CD/CMOM Date	% Complete	J	F	M	A	M	J	J	A	S	O	N	D	
1196	Preliminary model calibration (short term available data)	3/4/19	4/26/19		100						4/26							
1197	Final model calibration (data from entire monitoring period)	5/17/19	6/18/19		100						5/18							
1198	model sensitivity analysis	6/19/19	7/17/19		10													
1199	Wet Weather Flow	6/19/19	9/4/19															
1200	model calibration	6/19/19	8/2/19		10													
1201	model sensitivity analysis	8/5/19	9/4/19		0													
1202	Capacity assessment	4/2/18	10/28/19															
1206	Model results analysis for capacity assessment	9/19/19	10/18/19		0												10/18	
1207	CDPMT hold workshop to present capacity assessment results	10/21/19	10/28/19		0												10/28	
1208	Report & Training	10/28/19	1/9/20															
1209	Prepare draft hydraulic modeling report	10/28/19	11/15/19		0												11/1	
1210	Submit draft report for DWM and Peer review	11/15/19	11/15/19		0												11/15	
1211	DWM and Peer review of draft hydraulic modeling report	11/18/19	12/13/19		0												1	
1212	CDPMT schedule workshop to review hydraulic modeling report	11/14/19	1/3/20		0													
1217	Dynamic Model Development - Pole Bridge	3/1/18	1/9/20															
1220	WWF model setup	7/2/18	4/1/19		100													
1221	Data collection RFI for dynamic model setup such as boundary condition and large water users	7/2/18	12/3/18		100													
1223	Receive data from DWM and neighbor utilities	7/30/18	1/25/19		100												1/25	
1224	Model boundary condition setup	9/4/18	2/1/19		100												2/1	
1225	Subcatchment delineation	9/4/18	4/1/19		100												4/1	
1226	Flow data analysis and model flow loading update	10/22/18	6/28/19		100													
1227	Preliminary Dry Weather Flow data analysis and model Dry Weather Flow loading update (short term available data)	10/22/18	3/22/19		100													
1231	Flow data analysis and model loading update with flow monitoring data collected through the entire flow monitoring period	3/22/19	3/22/19		100												3/22	
1233	Dry Weather Flow	4/2/19	5/31/19		100													
1234	Dry Weather Flow data analysis	4/2/19	5/17/19		100												5/17	
1235	Model Dry Weather Flow loading update	5/20/19	5/31/19		100												5/31	
1236	Wet Weather Flow	3/25/19	6/28/19		100													
1237	Wet Weather Flow data analysis	4/2/19	5/17/19		100												5/17	
1238	CDPMT coordinate with DWM to determine adequacy of storm events meeting criteria and whether DWM needs to extend the flow monitoring period	3/25/19	4/22/19		100												4/22	
1239	Wet Weather Flow parameter model input	5/20/19	6/28/19		100												6/28	
1240	Model calibration / sensitivity analysis	9/4/18	9/30/19															
1241	Verify model network	9/4/18	6/28/19		100													
1242	DWM provide major system changes through the flow monitoring periods per format provided by CDPMT	9/4/18	6/28/19		60												6/28	
1243	Update the model network as needed	5/20/19	6/28/19		0												6/28	

DeKalb County Department of Watershed Management		Semi-Annual Report #15					2019											
ID	Task Name	Start	Finish	CD/CMOM Date	% Complete	J	F	M	A	M	J	J	A	S	O	N	D	
1244	Dry Weather Flow	2/1/19	7/31/19															
1245	Preliminary model calibration (short term available data)	2/1/19	3/29/19		100													
1246	Final model calibration (data from entire monitoring period)	6/3/19	6/28/19		100													
1247	model sensitivity analysis	7/1/19	7/31/19		0													
1248	Wet Weather Flow	7/1/19	9/30/19															
1249	model calibration	7/1/19	8/30/19		5													
1250	model sensitivity analysis	7/1/19	9/30/19		0													
1251	Capacity assessment	4/2/18	10/28/19															
1255	Model results analysis for capacity assessment	10/9/19	10/23/19		0													
1256	CDPMT hold workshop to present capacity assessment results	10/24/19	10/28/19		0													
1258	Report & Training	10/28/19	1/9/20															
1259	Prepare draft hydraulic modeling report	10/28/19	11/15/19		0													
1260	Submit draft report for DWM and Peer review	11/15/19	11/15/19		0													
1261	DWM and Peer review of draft hydraulic modeling report	11/18/19	12/13/19		0													
1262	CDPMT schedule workshop to review hydraulic modeling report	11/14/19	1/3/20		0													
1267	Dynamic Model Development - Misc Intergovernmental	3/1/18	12/13/19															
1270	WWF model setup	7/2/18	6/3/19		100													
1271	Data collection RFI for dynamic model setup such as boundary condition and large water users	7/2/18	12/3/18		100													
1273	Receive data from DWM and neighbor utilities	7/30/18	4/30/19		100													
1274	Model boundary condition setup	9/4/18	6/3/19		100													
1275	Subcatchment delineation	9/4/18	4/1/19		100													
1276	Flow data analysis and model flow loading update	10/22/18	6/28/19		100													
1277	Preliminary Dry Weather Flow data analysis and model Dry Weather Flow loading update (short term available data)	10/22/18	4/1/19		100													
1281	Flow data analysis and model loading update with flow monitoring data collected through the entire flow monitoring period	4/1/19	4/1/19		100													
1283	Dry Weather Flow	4/2/19	6/28/19		100													
1284	Dry Weather Flow data analysis	4/2/19	4/18/19		100													
1285	Model Dry Weather Flow loading update	4/19/19	6/28/19		100													
1286	Wet Weather Flow	4/2/19	6/28/19		100													
1287	Wet Weather Flow data analysis	4/2/19	4/30/19		100													
1288	CDPMT coordinate with DWM to determine adequacy of storm events meeting criteria and whether DWM needs to extend the flow monitoring period	4/2/19	5/30/19		100													
1289	Wet Weather Flow parameter model input	5/1/19	6/28/19		100													
1290	Model calibration / sensitivity analysis	9/4/18	8/7/19															
1291	Verify model network	9/4/18	6/28/19		100													
1292	DWM provide major system changes through the flow monitoring periods per format provided by CDPMT	9/4/18	6/28/19		55													

Stated through 6/30/19

Page 11

Printed 7/26/19 9:54 AM

DeKalb County Department of Watershed Management		Semi-Annual Report #15				2019											
ID	Task Name	Start	Finish	CD/CMOM Date	% Complete	J	F	M	A	M	J	J	A	S	O	N	D
1293	Update the model network as needed	5/3/19	6/28/19		0							6/28					
1294	Dry Weather Flow	2/1/19	7/22/19														
1295	Preliminary model calibration (short term available data)	2/1/19	3/29/19		0	3/29											
1296	Final model calibration (data from entire monitoring period)	6/17/19	6/28/19		100						6/28						
1297	model sensitivity analysis	7/1/19	7/22/19		0							7/22					
1298	Wet Weather Flow	7/1/19	8/7/19														
1299	model calibration	7/1/19	7/29/19		0								7/29				
1300	model sensitivity analysis	7/30/19	8/7/19		0									8/7			
1301	Capacity assessment	4/2/18	8/30/19														
1305	Model results analysis for capacity assessment	8/9/19	8/23/19		0									8/23			
1306	CDPMT hold workshop to present capacity assessment results	8/26/19	8/30/19		0									8/30			
1308	Report & Training	9/3/19	12/13/19														
1309	Prepare draft hydraulic modeling report	9/3/19	9/27/19		0										9/27		
1310	Submit draft report for DWM and Peer review	9/27/19	9/27/19		0									9/27			
1311	DWM and Peer review of draft hydraulic modeling report	9/30/19	11/8/19		0											11/8	
1312	CDPMT schedule workshop to review hydraulic modeling report	10/7/19	12/6/19		0												12/6
1315	County approves model as fully developed	12/9/19	12/13/19		0												12/13
1328	8. Priority Areas Sewer Assessment and Rehabilitation Program (PASARP)																
1555	EPA Projects Construction	1/2/17	7/30/21														
1559	161 Hood Circle (DB1)	7/2/19	7/30/21														
1560	3597 Sunderland Circle (DB3)	8/1/19	9/23/19		0									9/23			
1561	1576 Nantahalla Court (DB3)	8/1/19	8/14/19		0									8/14			
1562	2312 Clairmont Rd, A-IG6 (DB3)	8/1/19	9/25/19		0									9/25			
1563	215 Beaumont Avenue (DB3)	8/29/19	10/16/19		0										10/16		
1564	608 S McDonough St (DB3)	8/15/19	8/29/19		0									8/29			
1565	Design Build Contract 1 - Package 1 [B&C]	9/18/17	7/30/21														
1566	DB1 Design	9/18/17	6/28/19														
1573	Contractor Submit Drawings for Construction	10/3/18	2/28/19		100	2/28											
1574	County Approves Drawings for Construction	10/3/18	6/28/19		100							6/28					
1575	DB1 Construction - Component 1	9/11/18	7/30/21														
1576	Proj 01 - 4367 Buford Highway (OSARP SSO)	7/5/19	8/28/20		0												
1577	Proj 02 - 2692 Caladium Drive	10/24/18	4/16/19		100	4/10											
1578	Proj 03 - 1676 Frazier Road (PASARP SSO)	7/31/19	5/6/20		0												
1580	Proj 05 - ASF1	9/12/18	10/9/20		34												
1582	Proj 07 - Pole Bridge 1	11/19/18	10/22/20		22												
1583	Proj 11 - Pole Bridge 4	9/13/19	10/9/20		0												
1584	Proj 13 - Pole Bridge 6	3/20/19	4/11/19		100	4/11											
1585	Proj 14 - Pole Bridge 7	3/1/19	4/4/19		100	4/4											
1586	Proj 15 - Pole Bridge 8	4/9/19	7/17/20		55												
1587	Proj 19 - 161 Hood Circle (EPA)	7/2/19	7/30/21		0												

Stated through 6/30/19

Page 12

Printed 7/26/19 9:54 AM

DeKalb County Department of Watershed Management		Semi-Annual Report #15					2019											
ID	Task Name	Start	Finish	CD/CMOM Date	% Complete	J	F	M	A	M	J	J	A	S	O	N	D	
1588	DB1 Construction - Component 1B	4/8/19	10/22/20															
1589	Proj 01 - 4367 Buford Highway (OSARP SSO)	6/26/19	8/28/20		1													
1590	Proj 02 - 2692 Caladium Drive	4/8/19	4/16/19		100					4/11								
1591	Proj 04 - 3924 Roman Court (Phase 2)	4/22/19	5/15/20		1													
1592	Proj 05 - ASF1	4/24/19	10/9/20		1													
1593	Proj 06 - 121 Lucerne Street (OSARP SSO)	12/17/19	9/3/20		0													
1594	Proj 10 - Lindsey Dr	6/24/19	2/20/20		5													
1595	Substantial Completion [03/20/20]	10/22/20	2/25/20		0													
1596	Final Completion [05/20/20]	10/22/20	10/22/20		0													
1597	Design Build Contract 2 - Package 2 [Layne/Arcadis]	1/12/18	7/30/21															
1598	DB2 Design	1/12/18	7/29/19															
1604	Contractor Submit Drawings for Construction	1/2/19	6/28/19		100								6/28					
1605	County Approves Drawings for Construction	1/2/19	7/29/19		50									7/29				
1606	DB2 Construction	4/16/18	7/30/21															
1607	Proj 01 - 5139 North Peachtree Road (OSARP SSO)	5/1/18	1/19/20		42													
1608	Proj 02 - Valley View (CIP Project)	12/20/18	1/31/20		38													
1609	Proj 03 - 2659 Mill Court (PASARP SSO)	4/25/18	5/23/19		100								5/23					
1610	Proj 04 - Nancy Creek Branch 2	3/1/19	12/18/20		2													
1611	Proj 05 - Nancy Creek Branch 1	2/26/19	7/30/21		1													
1612	Proj 06 - A-IG2	5/16/18	5/1/20		52													
1613	Proj 07 - 2737 Winding Lane (PASARP SSO)	11/29/18	10/24/19		21												10/24	
1615	Proj 09 - I-IG10	4/16/18	1/3/20		47													
1618	Proj 12 - 1760 Mason Mill Road (OSARP SSO)	7/18/18	5/8/20		3													
1619	Proj 13 - Jolly Avenue (OSARP SSO)	12/5/18	2/27/19		100								2/27					
1620	Proj 14 - 408 South Susan Creek Drive (OSARP SSO)	9/10/18	2/26/19		100								2/26					
1621	Proj 15 - 108 East Ponce DeLeon (OSARP SSO)	11/12/18	3/4/19		100								3/4					
1622	Proj 16 - A-SF7	9/13/18	7/31/21		20													
1623	Substantial Completion [03/20/20]	7/30/21	7/30/21		0													
1624	Final Completion [06/20/20]	7/30/21	7/30/21		0													
1625	Design Build Contract 3 - Package 3	10/25/18	7/30/21															
1626	DB3 Design	10/25/18	9/30/19															
1627	Preliminary Design & BODR	10/25/18	1/29/19		100								1/29					
1630	County Approve GMP	4/8/19	4/8/19		100								4/8					
1632	Contractor Submit Drawings for Construction	4/9/19	8/30/19		25									8/30				
1633	County Approves Drawings for Construction	9/3/19	9/30/19		0										9/30			
1634	DB3 Construction	8/1/19	7/30/21															
1635	Proj 01 - 3597 Sunderland Circle, 1083 Wimberly Rd, A-IG4 (EPA, OSARP SSO)	8/1/19	5/20/20		0													
1636	Proj 02 - 1576 Nantahalla Court (EPA)	8/1/19	4/10/20		0													
1637	Proj 03 - 2312 Clairmont Rd, A-IG6 (EPA)	8/1/19	5/22/20		0													
1638	Proj 04 - 854 Sheppard Rd (OSARP SSO)	10/17/19	11/6/20		0													

Stated through 6/30/19

Page 13

Printed 7/26/19 9:54 AM

DeKalb County Department of Watershed Management		Semi-Annual Report #15					2019											
ID	Task Name	Start	Finish.	CD/CMOM Date	% Complete.	J	F	M	A	M	J	J	A	S	O	N	D	
1639	Proj 04 - A-SF2 (OSARP SSO)	10/17/19	7/30/21		0													
1640	Proj 05 - Snapfinger Woods Dr (OSARP SSO)	8/29/19	10/30/20		0													
1641	Proj 06 - 215 Beaumont Avenue (EPA)	8/29/19	6/12/20		0													
1642	Proj 07 - 608 S McDonough St (EPA)	8/15/19	4/24/20		0													
1645	Design Build Contract 4 - Package 4	10/1/18	3/29/22															
1646	DB4 Procurement	10/1/18	1/15/20															
1651	PWI Committee Approve Contract	5/16/19	1/8/20		0													
1668	Annual AE Contract 1 - Package 5 [BVR2T] {Design Only}	5/11/18	6/19/20															
1674	Priority 1 Projects (Components 3, 4, 12, 14)	3/13/19	3/16/20		15													
1675	Priority 2 Projects (Components 2, 5, 6, 9, 11, 13)	3/13/19	3/27/20		10													
1676	Priority 3 Projects (Components 7, 8, 10)	3/13/19	6/19/20		5													
1679	Annual AE Contract 2 - Package 6 [B&C] {Design Only}	10/1/18	6/19/20															
1682	Priority 1 Projects (Components 3) {Proj 1 & Proj 2}	1/3/19	5/8/20		1													
1683	Priority 2 Projects (Components 2) {IG-5 - Century}	1/3/19	5/8/20		1													
1684	Priority 3 Projects (Components 1) {IG-5 - Sagamore & AG17 - Valley Brook}	1/3/19	6/19/20		1													
1685	Annual AE Contract 3 - Package 7 [Arcadis] {Design Only}	10/1/18	6/19/20															
1688	Priority 1 Projects (Components 2, 6, 10, 11)	1/3/19	1/24/20		1													
1689	Priority 1A Projects (Component 8)	1/3/19	6/19/20		1													
1690	Priority 2 Projects (Components 1, 3, 4)	1/3/19	6/19/20		1													
1692	Annual AE Contract 4 - Package 8 [Atkins] {Design Only}	10/1/18	6/19/20															
1695	Priority 1 Projects (Component 8) {Sowell Estates}	1/3/19	5/29/20		1													
1696	Priority 2 Projects (Component 5) {I-IG2}	1/3/19	6/19/20		1													
1697	Priority 3 Projects (Component 4) {I-IG5}	1/3/19	5/22/20		1													
1698	Priority 4 Projects (Component 7) {I-IG1}	1/3/19	6/5/20		1													
1699	CIP Program Manager	9/28/18	6/19/20															
1700	CIP Lining/Point Repair Design	9/28/18	6/19/20		40													
1703	Annual Construction Contracts 1-4	1/2/19	6/19/20															
1704	Issue Task Orders for Lining/Point Repair Construction	1/2/19	12/31/19		40													
1705	C1-4 Lining/Point Repair Construction	1/3/20	6/19/20		0													
1751	New Annual Construction Contracts {SRAC's}	5/1/19	12/31/21	NA														
1752	SRAC1 Procurement	5/1/19	1/31/20															
1753	Technical Documents to DWM	5/1/19	5/10/19		100													
1754	P&C Prepare Bid Package	5/13/19	7/29/19		25													
1757	PWI Committee Approve Contract	10/29/19	11/12/19		0													
1758	BOC Approve Contract	11/13/19	11/27/19		0													
1759	P&C Issue NTPs	11/29/19	1/31/20		0													
1774	New Co-Op Agreements	2/1/19	7/3/20															
1775	COP1 Procurement - Rockdale GA	2/1/19	7/31/19															
1776	Technical Documents to P&C	2/1/19	2/15/19		100													
1777	P&C Prepare Contract Docs	2/19/19	5/21/19		100													

Stated through 6/30/19

Page 14

Printed 7/26/19 9:54 AM

DeKalb County Department of Watershed Management		Semi-Annual Report #15					2019											
ID	Task Name	Start	Finish	CD/CMOM Date	% Complete.	J	F	M	A	M	J	J	A	S	O	N	D	
						1778	PWI Committee Approve Contract	5/22/19	6/4/19		100						6/4	
1779	BOC Approve Contract	6/5/19	6/11/19		100						6/11							
1780	P&C Issue NTPs	6/12/19	7/31/19		5										7/31			
1781	Construction Contract COP1	8/1/19	6/19/20	NA														
1782	Issue Task Orders for Lining/Point Repair Construction	8/1/19	8/30/19	NA											8/1			
1783	COP1 Lining/Point Repair Construction	8/2/19	5/20/20															
1784	COP2 Procurement - Savannah GA	2/1/19	10/15/19															
1785	Technical Documents to P&C	2/1/19	2/15/19		100						2/15							
1786	P&C Prepare Contract Docs	2/16/19	3/4/19		100						3/4							
1787	PWI Committee Approve Contract	3/5/19	8/20/19		40												8/20	
1788	BOC Approve Contract	8/21/19	8/27/19												8/27			
1789	P&C Issue NTPs	8/28/19	10/15/19														10/15	
1790	Construction Contract COP2	10/16/19	7/3/20															
1791	Issue Task Orders for Lining/Point Repair Construction	10/16/19	10/1/19	NA													10/16	
1792	COP2 Lining/Point Repair Construction	10/16/19	7/3/20															
1809	Construction Task Orders	1/2/19	7/30/21															
1810	Multiple Contractors	1/2/19	7/30/21															
1811	Task 1 - Phs 1a - 3230 Boring Road / 4347 Flat Shoals Pkwy {B&C}	3/1/19	12/31/20		1													
1812	Task 1 - Phs 1b - 3230 Boring Road / 4347 Flat Shoals Pkwy {RGI}	1/2/19	6/19/20		1													
1813	Task 1 - Phs 1c - 3230 Boring Road / 4347 Flat Shoals Pkwy {IPR}	7/19/19	12/31/20		0													
1814	Task 1 - Phs 2a - 3230 Boring Road / 4347 Flat Shoals Pkwy {Insituform}	9/30/19	7/30/21		0													
1815	Task 1 - Phs 2b - 3230 Boring Road / 4347 Flat Shoals Pkwy {SRAC}	3/2/20	7/30/21		0													
1816	Task 2 - Phs 1a - 1416 Cobb Branch Dr {RGI}	1/2/19	6/19/20		1													
1817	Task 2 - Phs 2a - 1416 Cobb Branch Dr {Insituform}	9/30/19	7/30/21		0													
1818	Task 3 - Phs 1a - 161 Hood Circle {B&C}	10/1/19	12/31/20		0													
1819	Task 3 - Phs 2a - 161 Hood Circle {Insituform}	9/30/19	7/30/21		0													
1820	Task 4 - Phs 1a - 608 S McDonough / 101 Green St {IPR}	7/19/19	12/31/20		0													
1821	Task 4 - Phs 1b - 608 S McDonough / 101 Green St {Garney}	7/1/19	12/31/20		0													
1822	Task 4 - Phs 2a - 608 S McDonough / 101 Green St {IPR}	7/19/19	12/31/20		0													
1823	Task 4 - Phs 2b - 608 S McDonough / 101 Green St {Insituform}	9/30/19	7/30/21		0													
1824	Task 4 - Phs 2c - 608 S McDonough / 101 Green St {SRAC}	3/2/20	7/30/21		0													
1825	Task 5 - Phs 1a - East Starmount - Tier 1 Assessment	7/1/19	10/31/19		0												10/31	
1826	Task 5 - Phs 2a - East Starmount - Tier 2 Assessment	7/1/19	7/30/21		0													
1827	Task 6 - Phs 1a - 2480 Miriam Lane / 2269 Glendale Dr {IPR}	7/19/19	12/31/20		0													
1828	Task 6 - Phs 1b - 2480 Miriam Lane / 2269 Glendale Dr {RGI}	1/2/19	6/19/20		1													
1829	Task 6 - Phs 2a - 2480 Miriam Lane / 2269 Glendale Dr {Insituform}	9/30/19	7/30/21		0													
1830	Task 6 - Phs 2b - 2480 Miriam Lane / 2269 Glendale Dr {IPR}	7/19/19	12/31/20		0													
1831	Task 6 - Phs 2c - 2480 Miriam Lane / 2269 Glendale Dr {SRAC}	3/2/20	7/30/21		0													
1832	Task 7 - Phs 1a - 1430 Country Squire Dr {B&C}	10/1/19	12/31/20		0													
1833	Task 7 - Phs 1b - 1430 Country Squire Dr {RGI}	5/1/19	5/15/19		100						5/15							

Stated through 6/30/19

Page 15

Printed 7/26/19 9:54 AM

DeKalb County Department of Watershed Management		Semi-Annual Report #15					2019											
ID	Task Name	Start	Finish	CD/CMOM Date	% Complete	J	F	M	A	M	J	J	A	S	O	N	D	
1834	Task 7 - Phs 2a - 1430 Country Squire Dr (Insituform)	9/30/19	7/30/21		0													
1835	Task 7 - Phs 2b - 1430 Country Squire Dr (SRAC)	3/2/20	7/30/21		0													
1836	Task 8 - Phs 1a - 1440 Sowell Estates - Tier 1 Assessment	5/1/19	5/10/19		100													
1837	Task 8 - Phs 2a - 1440 Sowell Estates - Tier 2 Assessment	7/1/19	7/30/21		0													
1838	Task 9 - Phs 1a - 1615 Melanie Court {Garney}	7/1/19	12/31/20		0													
1839	Task 9 - Phs 1b - 1615 Melanie Court {IPR}	7/19/19	12/31/20		0													
1840	Task 9 - Phs 2a - 1615 Melanie Court {RGI}	1/2/19	6/19/20		1													
1841	Task 9 - Phs 2b - 1615 Melanie Court {Insituform}	9/30/19	7/30/21		0													
1842	Task 9 - Phs 2c - 1615 Melanie Court {SRAC}	3/2/20	7/30/21		0													
1843	Task 10 - Phs 1a - 302/307/308 2nd Ave {B&C}	10/1/19	12/31/20		0													
1844	Task 10 - Phs 2a - 302/307/308 2nd Ave {Insituform}	9/30/19	7/30/21		0													
1845	Task 10 - Phs 2b - 302/307/308 2nd Ave {SRAC}	3/2/20	7/30/21		0													
1846	Task 11 - Phs 1a - 3075 Thrasher Circle {RGI}	1/2/19	6/19/20		1													
1847	Task 11 - Phs 1b - 3075 Thrasher Circle {IPR}	7/19/19	12/31/20		0													
1848	Task 11 - Phs 1c - 3075 Thrasher Circle {Insituform}	9/30/19	7/30/21		0													
1849	Task 12 - Phs 1a - Garden Cir / McAfee Rd {SRAC}	3/2/20	7/30/21		0													
1850	Task 13 - Phs 1a - 3449 Brookfield Lane / 4124 Flakes Mill Road {RGI}	1/2/19	6/19/20		1													
1851	Task 13 - Phs 2a - 3449 Brookfield Lane / 4124 Flakes Mill Road {Insituform}	9/30/19	7/30/21		0													
1852	Task 13 - Phs 2b - 3449 Brookfield Lane / 4124 Flakes Mill Road {SRAC}	3/2/20	7/30/21		0													
1853	Task 14 - Phs 1a - Panthersville Road {Granite}	7/18/19	12/31/20		0													
1854	Task 14 - Phs 1b - Panthersville Road {RGI}	1/2/19	6/19/20		1													
1855	Task 14 - Phs 2a - Panthersville Road {Insituform}	9/30/19	7/30/21		0													
1856	Task 14 - Phs 2b - Panthersville Road {SRAC}	3/2/20	7/30/21		0													
1857	9. Ongoing Sewer Assessment and Rehabilitation Program (OSARP)	11/1/14	7/13/23															
2054	OSARP Projects by Work Order	5/10/17	6/30/22															
2055	OSARP Tiered Projects Tier I Assessments	5/10/17	12/31/19															
2056	Acoustic Testing (596,376 lf in 1H19)	5/10/17	12/31/19															
2069	Intrenchment Creek	3/26/18	7/30/19		85												7/30	
2070	Nancy Creek	3/1/19	9/30/19		28												9/30	
2071	Upper Snapfinger Creek	2/1/19	7/30/19		86												7/30	
2072	South Fork Peachtree Creek	4/1/19	9/25/19		13												9/25	
2073	Barbashela Creek	6/3/19	11/27/19		1												11/27	
2074	Lower Snapfinger Creek	7/1/19	12/31/19		0												12/31	
2076	Smoke Testing (730,244 lf in 1H19)	5/10/17	12/31/19															
2089	Intrenchment Creek	3/26/18	8/30/19		85												8/30	
2090	Nancy Creek	3/26/18	6/28/19		51												8/30	
2091	Upper Snapfinger Creek	2/1/19	7/30/19		96												8/22	
2092	South Fork Peachtree Creek	3/1/19	12/31/19		15												12/31	
2093	Barbashela Creek	6/3/19	11/27/19		1												11/27	

Statused through 6/30/19

Page 16

Printed 7/26/19 9:54 AM

DeKalb County Department of Watershed Management		Semi-Annual Report #15					2019											
ID	Task Name	Start	Finish	CD/CMOM Date	% Complete	J	F	M	A	M	J	J	A	S	O	N	D	
2094	Lower Snapfinger Creek	7/1/19	12/31/19		0													
2096	Manhole Condition Assessments (MCA) (2,759 lf in 1H19)	5/10/17	12/31/19															
2109	Intrenchment Creek	3/26/18	8/30/19		88									8/30				
2110	Upper Snapfinger Creek	2/1/19	7/30/19		37									7/30				
2111	South Fork Peachtree Creek	3/1/19	12/31/19		10													
2112	Barbashela Creek	6/3/19	11/27/19		1												11/	
2113	Lower Snapfinger Creek	7/1/19	12/31/19		0													
2115	OSARP Tiered Projects Assessments - Procurement	2/9/18																
2123	P&C Issue Bid Package	5/6/19	5/6/19		100					5/6								
2131	PWI Committee Approval of Contract	9/17/19	9/17/19		0												9/17	
2132	BOC Action to Approve Contract	9/18/19	9/23/19		0												9/23	
2134	Procurement and Contracting Issuance NTP	9/25/19	1/15/20		0													
2137	Capacity Restoration (Large Diameter) - OSARP Projects	1/17/15																
2158	TISCIT Inspections/Surveys (Raw Data) (22.9 miles in 1H19)	6/5/17	10/31/19															
2160	Upper Snapfinger Creek	8/22/17	9/30/19		92									9/30				
2161	North Fork Peachtree Creek	8/2/17	9/30/19		90									9/30				
2162	Conley Creek	2/5/18	9/30/19		90									9/30				
2164	South Fork Peachtree Creek	3/29/18	8/30/19		89									8/30				
2165	Upper Crooked Creek	12/3/18	3/6/19		100					3/6								
2166	Peavine Creek	7/18/18	10/31/19		95												10/31	
2167	Indian Creek	5/1/18	10/31/19		95												10/31	
2168	Polebridge Creek	4/24/18	10/15/19		87												10/15	
2170	Intrenchment Creek	6/28/18	8/30/19		52									8/30				
2174	Ball Mill Creek	10/15/18	8/30/19		79									8/30				
2175	Lower Stone Mountain Creek	10/30/18	10/15/19		95												10/15	
2176	Barbashela Creek	11/19/18	10/15/19		94												10/15	
2177	Brookfield Lane	4/15/19	4/26/19		100									4/26				
2178	Honey Creek	3/12/19	10/15/19		92												10/15	
2179	Doolittle Creek	3/19/19	8/30/19		49									8/30				
2180	Corn Creek	2/15/19	2/16/19		100									2/16				
2181	Constitution Area	2/16/19	2/17/19		100									2/17				
2182	Large Diameter Cleaning (Raw Data) (650 tons in 1H19)	9/20/17	4/30/20															
2183	Nancy Creek Sewershed_90	9/20/17	12/31/19		59													
2184	Conley Creek_78	6/11/18	12/31/19		35													
2185	Lower Snapfinger Creek_50	6/1/18	12/31/19		39													
2186	Upper Snapfinger Creek_36	2/1/19	12/31/19		91													
2187	North Fork Peachtree Creek_101	4/4/18	12/31/19		70													
2189	South Fork Peachtree Creek	8/7/18	12/31/19		71													
2190	Peavine Creek_25	3/1/19	2/28/20		17													

Stated through 6/30/19

Page 17

Printed 7/26/19 9:54 AM

DeKalb County Department of Watershed Management		Semi-Annual Report #15					2019											
ID	Task Name	Start	Finish.	CD/CMOM Date	% Complete.	J	F	M	A	M	J	J	A	S	O	N	D	
2191	Indian Creek_3	3/1/19	4/30/20		59													
2192	Polebridge Creek_109	4/1/19	4/30/20		49													
2193	Intrenchment Creek_37	12/3/18	4/30/20		2													
2194	Shoal Creek_Melanie Court_3	3/1/19	12/31/19		32													
2200	Barbashela Creek_23	4/15/19	2/28/20		45													
2201	Lower Crooked Creek_14	4/1/19	12/31/19		90													
2207	Manhole Condition Assessments (Raw Data)	6/12/17	12/31/19															
2208	Manhole Condition Assessments_344	6/12/17	12/31/19		80													
2300	CIP Rehab/Construction Projects	4/1/14	11/1/19															
2345	2015 Consent Date	10/10/14	4/17/19		100													
2346	2692 Caladium Drive {D/B} {12/31/15}	2/13/15	4/16/19		100													
2359	Complete Design	2/28/19	2/28/19		100													
2360	Substantial Completion	4/16/19	4/16/19	12/31/15	100													
3188	185 / Oakcliff Rd {DBB} {12/31/18}	5/20/16	2/17/19		100													
3244	Substantial Completion	1/18/19	1/18/19	12/31/18	100													
3330	2019 Consent Date	5/2/16	11/1/19															
3331	Leeshire LS *** {DBB - Construction} {12/31/19}	1/2/17	9/30/19															
3383	Substantial Completion	7/31/19	7/31/19	12/31/19	0													
3390	New Gibraltar LS {DBB} {12/31/19}	5/15/17	11/1/19															
3459	Substantial Completion	10/1/19	10/1/19	12/31/19	0													
3466	Kings Way LS {DBB} {12/31/19}	5/2/16	10/26/19															
3535	Substantial Completion	9/27/19	9/27/19	12/31/19	0													
3628	10. Maintenance Management System (MMS)	7/2/18																
3629	Address maintenance related to SSO's by cleaning small diameter pipe of 15 inches or less (303 miles in 1H19), chemically treating roots in sewer mains (116 miles in 1H19) and clearing easements (91 linear miles in 1H19)		Ongoing		Ongoing													
3630	Perform sewer creek crossing inspection of pipes requiring a revisit within a year (955 inspections in 1H19)		Ongoing		Ongoing													
3631	Inspect sewer infrastructure parallel to waterways and logged assets for future inspection (44,610 Miles in 1H19)		Ongoing		Ongoing													
3632	Notify property owners of deficiencies with their private sewer laterals discovered by PASARP smoke testing. Requested owners to fix defects and respond with proof of completion (3,332 letters sent and 659 repairs completed on laterals n 1H19)		Ongoing		Ongoing													
3633	Use Sewer Line Rapid Assessment Tool (SL_RAT) acoustic inspection tool to investigate blockages in pipes and determine if pipes need cleaning based on percentage blocked (30 miles in 1H19)		Ongoing		Ongoing													
3634	Procure contract for cleaning small diameter pipe	9/4/18	6/28/19		95													
4380	Acronyms :																	
4381	AE - Architectural Engineer or Design Consultant																	
4382	BOC - Board of Commissioners																	
4383	CCTV - Closed-circuit Television																	

DeKalb County Department of Watershed Management							Semi-Annual Report #15																
ID	Task Name	Start	Finish.	CD/CMOM Date	% Complete.	2019																	
						J	F	M	A	M	J	J	A	S	O	N	D						
4384	CD - Consent Decree																						
4385	CDPMT - Consent Decree Program Management Team																						
4386	CERP - Contingency and Emergency Response Plan																						
4387	CIP - Capital Improvement Program																						
4388	CMOM - Capacity, Management, Operations, and Maintenance																						
4389	C&TS - Collection & Transmission Systems																						
4390	DB - Design Build																						
4391	DBB - Design Bid Build																						
4392	DWM - Department of Watershed Management																						
4393	EPA - US Environmental Protection Agency																						
4394	FOG - Fats, Oils & Grease																						
4395	GIS - Geographic Information System																						
4396	LS - Lift Station																						
4397	NTP - Notice to Proceed																						
4398	OSARP - Ongoing Sewer Assessment and Rehabilitation Program																						
4399	PASARP - Priority Area Sewer Assessment and Rehabilitation Program																						
4400	P&C - Purchasing & Contracting																						
4401	PWI - Public Works and Infrastructure																						
4402	QA - Quality Assurance																						
4403	QC - Quality Check																						
4404	RFP - Request for Proposal																						
4405	SSO - Sanitary Sewer Overflow																						
4406	SSOAP - Sanitary Sewer Overflow Analysis & Planning software to capture & manage flow relationships																						
4407	TISCIT - Totally Integrated Sonar and Camera Inspection Technology																						
4408	WO - Work Order																						
4409	WWF - Wet Weather Flow includes inflow and infiltration																						
4410																							
4411	Levels																						
4412	Level 1 - Task																						
4413	Level 2 - SubTask																						
4414	Level 3 - Area																						
4415	Level 4 - Element																						
4416	Level 5 - SubElement																						
4424	Level 6 - SubSubElement																						