



Office of the Chief Executive Officer

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Via Electronic Mail and U.S. Mail
July 31, 2017

Chief, Clean Water Protection Branch
ATTN: Ms. Sara Janovitz
Water Protection Division
United States Environmental Protection Agency,
Region 4
61 Forsyth Street
Atlanta, Georgia 30303-8960

Re: **Clean Water Act Consent Decree 1:10cv 4039-WSD**
July 31, 2017—11th Semi-Annual Report

Dear Ms. Janovitz:

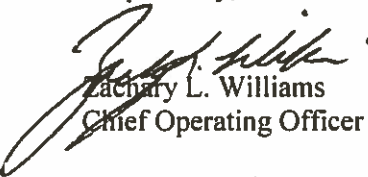
As required by §IX. Reporting Requirement of the Consent Decree associated with the above referenced civil action, DeKalb County is submitting the following document for your review and comment:

- July 31, 2017—11th Semi-Annual Report

I certify under penalty of law that these documents and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering such information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations pursuant to CWA Section 309(c)(4).

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

Respectfully,



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

cc: Georgia EPD
O. V. Brantley, County Attorney
William "Ted" Rhinehart, Deputy COO
Scott Towler, P.E., Director, DWM
Margaret A. Tanner, P.E., Deputy Director, DWM
Reginald D. Wells, P.E., Deputy Director, DWM
Darren Eastall, Consent Decree Administrator
E. Fitzgerald Veira, Troutman Sanders
Matthew C. Welch, Esquire

Semi-Annual Report #11

January 1, 2017 to June 30, 2017
Civil Action No. 1:10cv4039 - WSD

DeKalb County Department of Watershed Management



July 31, 2017

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Acronyms

CD	Consent Decree
CDPMT	Consent Decree Program Management Team
CERP	Contingency and Emergency Response Plan
CIP	Capital Improvement Program
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
GIS	Geographic Information System
MMS	Maintenance Management System
NA	Not Applicable
NTP	Notice to Proceed
OSARP	Ongoing Sewer Assessment and Rehabilitation Program
PASARP	Priority Areas Sewer Assessment and Rehabilitation Program
SSO	Sanitary Sewer Overflow
WCTS	Wastewater Collection and Transmission System

Introduction

The DeKalb County (the “County”) Department of Watershed Management (DWM) submits this eleventh 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 six months of 2017 and several projects and activities are projected to be implemented in the second six months of 2017. 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 Consent Decree provision outlined above.

See Table 1 below for a summary of submittals 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, 2017
IX. (57)	10th Semi Annual Report	January 30, 2017
IX (57)	5th Annual Report (2016)	March 1, 2017
IX. (56)	Quarterly Report	May 1, 2017
IX. (56)	Quarterly Report	July 31, 2017
IX. (57)	This 11th Semi Annual Report	July 31, 2017
IX. (56)	Quarterly Report	October 31, 2017

CMOM Programs' Narrative Update

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

a) Projects and Activities Accomplished for the Reporting Period 1/1/2017 to 6/30/2017

- i.) CERP refresher training for 422 personnel in divisions of DWM.
- ii.) Continued Fats, Oils, and Grease (FOG) education efforts following each grease related spill (additional information under FOG program). Over 29,000 FOG education flyers were distributed to residents in areas of spills, educating them about the effects of FOG on the collection system.
- iii.) County in-stream monitoring resulted in the discovery of one major private spill and one minor County spill.
- iv.) Monthly first responder training in CERP and operational policies and procedures.
- v.) CERP training was held to train contractors involved with Consent Decree related projects and new DeKalb County DWM employees were trained during the new employee orientation class. See Gantt chart line 2841.
- vi.) Implemented public outreach campaign for Sanitary Sewer Overflow (SSO) reporting. Began the deployment of a "See It, Smell It, Report It" campaign to emphasize how to report SSOs in DeKalb County. The artwork was placed in ads appearing in four different newspapers, totaling twenty five separate appearances. Elements of the campaign were also distributed via Twitter and added to the department's Facebook page.
- vii.) Enhanced system inspections during storm events to allow quicker mobilization of resources.

Exception Reporting: EPD was notified via letter dated October 11, 2016 of an inability to meet the public notice requirement timeframe of 7 days and the requirement to publish in the legal organ. (The Champion, that publishes once per week, requires up to a 10 day pre-notice timeframe).

b) Projects and Activities Anticipated for the Reporting Period 7/1/2017 to 12/31/2017

- i.) Submit updated CERP CMOM document.
- ii.) Conduct CERP training for other County departments that may be notified of potential SSOs instead of DWM.
- iii.) Continue first responder training and review of policies and procedures related to SSO mitigation and prevention.

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

a) Projects and Activities Accomplished for the Reporting Period 1/1/2017 to 6/30/2017

- i.) Sponsored 116 public outreach events reaching approximately 11,000 citizens.
- ii.) Total inspections: 4,644
- iii.) Warning citations issued: 353
- iv.) Permits issued: 1,293
- v.) Court summons issued: 20
- vi.) Food service establishment evaluations: 141
- vii.) Met with municipalities located within DeKalb County to coordinate program efforts and maintain open lines of communication.

b) Projects and Activities Anticipated for the Reporting Period 7/1/2017 to 12/31/2017

- i.) Expand communication with County residents and customers as part of the Public Education Program.
- ii.) Continue to have FOG inspectors participate in FOG investigations as part of trends analysis follow up.
- iii.) Continue aggressive enforcement program aimed at achieving higher compliance with the FOG ordinance.
- iv.) Enhance public education efforts to increase awareness and participation in existing FOG Public Outreach Survey.

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

a) Projects and Activities Accomplished for the Reporting Period 1/1/2017 to 6/30/2017

- i.) Contracted with an engineering firm to create and populate a Geographic Information System (GIS) layer for sanitary sewer easements in the County.
- ii.) Continued updates to the Sewer Mapping GIS to reflect new developments, resolution of model connectivity issues, system improvements and maintenance revisions.

b) Projects and Activities Anticipated for the Reporting Period 7/1/2017 to 12/31/2017

- i.) Begin procurement process of a new GIS mapping contract for sanitary sewer data.

ii.) Begin quarterly updates of the Sewer Mapping GIS and Sanitary Sewer Hydraulic Model after the model has been fully developed.

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

a) Projects and Activities Accomplished for the Reporting Period 1/1/2017 to 6/30/2017

DWM is now generating monthly training reports for superintendents and managers and quarterly reports for executive management staff. These reports include personnel who are listed as not having completed required training. They are used by supervisors to schedule those personnel listed in available training classes.

b) Projects and Activities Anticipated for the Reporting Period 7/1/2017 to 12/31/2017

Update Collection and Transmission Systems Training Program. See Gantt Chart line 2874.

Exception Reporting: DWM is not implementing the program as presently written. DWM is in the process of addressing the gap through redevelopment of the program; however, ongoing training is still being provided through available resources in DWM. In anticipation of redevelopment of the program, additional resources are not being added at this time.

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

a) Projects and Activities Accomplished for the Reporting Period 1/1/2017 to 6/30/2017

i.) Monitors were placed throughout the system, as needed, to assist in determining available sewer capacity for specific projects. Additional flow monitors are deployed to measure discharge for billing purposes, to establish dry weather flow patterns, and quantify and isolate wet weather flow.

ii.) Monitors were maintained (battery change outs, modem servicing) and calibrated as needed per project.

iii.) Monitors were used to collect data to support multiple CMOM programs.

b) Projects and Activities Anticipated for the Reporting Period 7/1/2017 to 12/31/2017

i.) Continue the use of flow monitors to collect data to support multiple CMOM programs.

ii.) Install rain gauges in strategic locations to complement the flow monitoring program.

iii.) A flow monitoring supervisor was selected to oversee daily operations of the flow monitoring program to include data collection, verification, and monitor installations.

iv.) Begin the process of purchasing “smart cover” flow monitors that provide real time monitoring of water flow or water level in manholes. These manhole lid attached monitors include intrusion alarms, high water level alarms, and web based software.

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

a) Projects and Activities Accomplished for the Reporting Period 1/1/2017 to 6/30/2017

- i.) Evaluated/Inspected 21,081 feet of pipe
- ii.) No new lift stations acquired this period
- iii.) Sketch plat reviews: 7
- iv.) Wastewater plan review (buildings): 642
- v.) Wastewater plan review (land disturbance): 177
- vi.) Final plat reviews: 25
- vii.) FOG building reviews: 795
- viii.) Added Construction Project Manager to manage inspections for department.
- ix.) Sewer capacity requests received: 239
- x.) Capacity letters issued: 167
- xi.) Began development of land and easement acquisition RFP.
- xii.) Began, at the direction of the Chief Executive Officer, a comprehensive review of development and permitting files for projects proposed or initiated within the last twelve months to ensure that the procedures and methods being used for capacity reviews are appropriate, uniform, and consistently applied.

b) Projects and Activities Anticipated for the Reporting Period 7/1/2017 to 12/31/2017

- i.) Continue to review new and ongoing development projects for sewer line connectivity as submitted during the permitting process.
- ii.) Continue to review projects converting from septic to sewer.
- iii.) Continue to review final plats, as-builts, and sewer easements for acceptance.
- iv.) Continue to offer customer service to applicants/citizens requesting assistance.
- v.) Review lift-station acquisitions, as required.
- vi.) Review capacity requests and issue letters for projects that meet criteria.
- vii.) Finalize a comprehensive review of development and permitting files, as directed by the Chief Executive Officer, for projects proposed or initiated within the last twelve months to

ensure that the procedures and methods being used for capacity reviews are appropriate, uniform, and consistently applied. Such procedures and methods will be updated to reflect any necessary improvements that are identified during the comprehensive review, and will be incorporated into final protocols for capacity reviews that are implemented after the hydraulic model is fully developed.

7. System-Wide Hydraulic Model

a) Projects and Activities Accomplished for the Reporting Period 1/1/2017 to 6/30/2017

- i.) Continued field verification of the underlying network assets.
- ii.) Began the development of interim protocols allowing limited use of the preliminary model based on the results of the third party technical review and the advice of the County's external technical advisors.
- iii.) Began the development of final protocols governing the use of the model, once fully developed, based on the results of the third party technical review and the advice of the County's external technical advisors.
- iv.) Began a comprehensive quality assurance/quality control review of the preliminary model.

b) Projects and Activities Anticipated for the Reporting Period 7/1/2017 to 12/31/2017

- i.) Complete the development and implementation of interim protocols allowing limited use of the preliminary model based on the results of the third party technical review and the advice of the County's external technical advisors.
- ii.) Undertake an improved calibration of the preliminary model and prepare a Model Calibration Report as required by Section 1.5.5.3 of the February 2015 System-Wide Hydraulic Model Program Document, as approved by EPA.
- iii.) Complete the development and implementation of final protocols governing the use of the model, once fully developed, based on the results of the third party technical review and the advice of the County's external technical advisors.

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

a) Projects and Activities Accomplished for the Reporting Period 1/1/2017 to 6/30/2017

- i.) Initiated program to identify and replace vented manhole covers in PASARP areas. An estimated 4,000 vented manholes are located within the County roadways.
- ii.) Follow-up and corrective action initiation for private laterals and stormwater connections to the sanitary sewer from initial assessment under the PASARP gravity sanitary sewer began in 2016 and is ongoing. The table below reflects efforts made during this reporting period.

Table 2. PROGRAM TO ELIMINATE INFILTRATION AND INFLOW INTO WASTEWATER COLLECTION TRANSMISSION SYSTEM (WCTS) SUMMARY

	Clean out caps to be repaired or replaced	Private lateral defects	Stormwater illicit connection to be disconnected from sanitary system
Total letters sent	5,113	1,208	111
Issue or Defect Resolved	1,143	70	16
Issue or Defect has been acknowledged by owner, but repair not completed	439	447	10
Percent completed	22.4%	5.8%	14.4%

iii.) Received approval of Design Build package number 1, awaiting Notice to Proceed (NTP). Package includes nineteen sewer rehabilitation projects throughout the County.

b) Projects and Activities Anticipated for the Reporting Period 7/1/2017 to 12/31/2017

i.) Continue to work with municipalities and private entities (homeowners, schools) to accomplish the disconnection of stormwater discharges to the sewer system from sources within municipal boundaries.

ii.) Follow up to mailings from 2016, 2017 dates.

iii.) Execution of EPA Priority Escalation Assignments (See Gantt chart lines 891-962) to a Design-Build contract for execution of rehabilitation or repair as necessary.

iv.) Complete Design Build package procurement for other packages as developed (See Gantt chart lines 1082-1210).

v.) Replace vented manhole covers with solid covers to prevent stormwater entering manholes in both PASARP and Ongoing Sewer Assessment and Rehabilitation Program (OSARP) areas.

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

Exception Reporting: DWM did not maintain a specific root control contract during this reporting period but cleared mains of roots during cleanings. The procurement of a root control contract began in this reporting period.

DWM does not have an easement clearing contract in place for this reporting period but cleared easements as necessary to gain access. The procurement of an easement clearing contract began in this reporting period.

Gantt Chart

As detailed in the Introduction Section of this report, 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				Master Schedule Semi-Annual Report				
ID	Task Name	CD/CMOM Date	% Complete	J	F	M	A	M

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 Consent Decree, 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				Master Schedule Semi-Annual Report				
ID	Task Name	CD/CMOM Date	% Complete	J	F	M	A	M

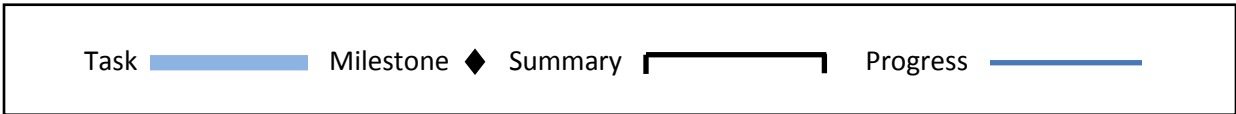
Task Name - Name of the task.

DeKalb County Department of Watershed Management				Master Schedule Semi-Annual Report				
ID	Task Name	CD/CMOM Date	% Complete	J	F	M	A	M

CD/CMOM Date - Finish date for a milestone based on the Consent Decree (CD) and CMOM documents. Dates are assigned to milestone type tasks only; other tasks reflect a value of not applicable (NA).

DeKalb County Department of Watershed Management				Master Schedule Semi-Annual Report				
ID	Task Name	CD/CMOM Date	% Complete	J	F	M	A	M

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



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				Master Schedule Semi-Annual Report											
ID	Task Name	CD/CMOM Date	% Complete	2017											
				J	F	M	A	M	J	J	A	S	O	N	D
16	Task #03 CD Reporting	NA													
69	Quarterly Recurring Spills Reporting to EPA	NA													
80	Submit Quarterly Recurring Report 20	1/30/17	100	1/30											
81	Submit Quarterly Recurring Report 21	5/1/17	100					5/1							
82	Submit Quarterly Recurring Report 22	7/30/17	0							7/28					
83	Submit Quarterly Recurring Report 23	10/30/17	0										10/30		
85	Semi-Annual Recurring Reporting to EPA	NA													
139	Submit Semi-Annual Report 11 to EPA	7/31/17	0							7/31					
148	Annual Recurring Reporting to EPA	NA													
177	Annual Recurring Report 5	NA													
185	Submit Annual Report 05 to EPA	3/1/17	100					3/1							
195	Task #04 CMOM Programs - Assessment and Rehab Projects	NA													
368	Hydraulic Modeling Approach	NA													
396	Hydraulic Modeling Program: Complete sewershed models and integrate basin-wide models including documentation	12/31/17	100												
576	Priority Areas Sewer Assessment & Rehab (PASARP)	NA													
644	PASARP - Sewer Group 1	NA													
660	Assessments - Sewer Group 1 - MME	NA													
672	CIP 40 Acoustic Testing	NA	97							6/30					
673	CIP 40 Smoke Testing	NA	96							6/30					
674	CIP 48 MH Inspection	NA	78									8/25			
675	CIP 42 CCTV Inspection	NA	76									8/18			
676	CIP 42 Sonar/TISCIT Inspection	NA	93									8/18			
677	CIP 42 Sonar/TISCIT Heavy Cleaning	NA	0												
678	Scheduled Tiered Assess to Substantial Completion (90% time)	NA	87										8/31		
680	PASARP - Sewer Group 2	NA													
696	Assessments - Sewer Group 2 - Camken Consulting	NA													
723	CIP 40 Acoustic Testing	NA	85									8/10			
724	CIP 40 Smoke Testing	NA	93									8/10			
725	CIP 48 MH Inspection	NA	85									8/10			
726	CIP 42 CCTV Inspection	NA	62									8/10			
727	CIP 42 Sonar/TISCIT Inspection	NA	69									8/10			
728	CIP 42 Sonar/TISCIT Heavy Cleaning	NA	0												
729	Scheduled Tiered Assess to Subs Completion (90% time)	NA	81										8/30		
731	PASARP - Sewer Group 3	NA													
747	Assessments - Sewer Group 3 - Woolpert	NA													
771	CIP 40 Acoustic Testing	NA	100					4/28							
772	CIP 40 Smoke Testing	NA	94							6/30					
773	CIP 48 MH Inspection	NA	94							6/30					
774	CIP 42 CCTV Inspection	NA	63									8/30			
775	CIP 42 Sonar/TISCIT Inspection	NA	63									8/30			
776	CIP 42 Sonar/TISCIT Heavy Cleaning	NA	0												
777	Scheduled Tiered Assess to Subs Completion (90% time)	NA	88										8/30		
779	General Area & SSO Escalation Assessments (OSARP)	NA													
780	Assessments	NA													
781	General Area Manhole Condition Assessments	NA													
818	Field Assessments (100% time - 02/28/17)	NA	81					2/28							
821	General Area CCTV Assessments (100% time expired)	NA													
858	Field Assessments (100% time 01/19/17)	NA	58					1/19							
861	General Area MCA & CCTV Assessments (continued)	NA													
871	P&C Issue Bid Package	NA	0									7/26			
882	Procurement and Contracting Issuance NTP	NA	0											11/30	
884	MCA & CCTV Assessments OSARP Projects	NA	0												
886	SSO Escalation Assessments by WO (Work Order)	NA													
891	EPA Priority Escalation Assessments (9 WO's Complete)	NA													
900	OSARP Areas (3 WO's: 0 Open, 3 Complete)	NA													

DeKalb County Department of Watershed Management				Master Schedule Semi-Annual Report											
ID	Task Name	CD/CMOM Date	% Complete	2017											
				J	F	M	A	M	J	J	A	S	O	N	D
901	EPA01 - 215 Beaumont Ave (RFP#3)	NA	100	1/31											
914	PASARP Escalation Assessments (17 WO's: 2 Open, 15 Complete)	NA													
915	06 - Munday Dr	NA	100	5/25											
917	11 -2600 Skyland Dr (2527 Haberfield Court) (RFP#4)	NA	100	2/28											
918	12 - Farnham Court (RFP#4)	NA	100	2/28											
919	16 - 2650 Mill Court (Tilly Mill) (RFP#2)	NA	100	4/7											
920	17 - 2438 Kings Court (Henderson Mill) (RFP#2)	NA	100	2/28											
922	22 - Miriam Lake & Shoal Creek I, II, III	NA	100	6/1											
923	25 - 2737 Winding Lane (RFP#2)	NA	100	1/25											
925	31 - Johnson Ferry CCTV Project	NA	100	3/31											
926	33 - 101 Green St	NA	100	6/1											
927	39 - 2748 South Bamby Lane	NA	100	4/14											
929	45 - 1615 Melanie Court	NA	100	6/1											
930	46 - 3019 Albatross Lane	NA	30	7/31											
931	48 - 1430 Country Squire Dr	NA	80	7/31											
932	PASARP Escalation Projects Construction	NA	0												
933	4154 Redan Rd	NA	100	1/25											
934	Millwood Ct / Burnt Creek Rd	NA	100	1/19											
936	OSARP Escalation Assessments (27 WO's: 3 Open, 24 Complete)	NA													
938	03 - Heritage Heights Sanitary Crossing	NA	80	7/31											
941	07 - Snapfinger Woods Dr & Miller Rd/ Wetland Mitigation Bank	NA	100	2/25											
943	13 - Jolly Ave (RFP#2)	NA	100	2/15											
945	15 - 2860 Buford Highway (RFP#2)	NA	100	2/23											
946	19 - 1736 Jerico Court	NA	100	3/31											
948	21 - 2012 Glenwood Ave W (E Lake Blvd)	NA	90	7/31											
951	26 - 5139 N Peachtree St (RFP#2)	NA	100	2/16											
953	28 - 408 South Susan Creek Dr (RFP#2)	NA	100	3/9											
954	30 - 3216 Buford Highway (Briarwood)	NA	100	5/25											
955	32 - 1020 Montreal Rd	NA	70	7/31											
956	34 - 410 W Ponce de Leon (RFP#4)	NA	100	6/30											
957	35 - 108 E Ponce de Leon (RFP#2)	NA	100	2/23											
958	36 - 1760 Mason Mill Rd (RFP#2)	NA	100	2/23											
960	38 - 260 Northern Ave (RFP#4)	NA	100	4/28											
961	40 - 1942 E Starmont Way	NA	100	1/25											
962	43 - 1680 Remington Rd (RFP#4)	NA	100	6/30											
971	Capacity Restoration (Large Diameter) - OSARP Projects	NA													
975	Procurement - Capacity Restoration - OSARP Projects	NA													
990	Capacity Restoration - OSARP Projects - CES	NA													
992	TISCIT Inspections/Surveys	NA	0												
993	Nancy Creek Sewershed	NA	8	8/16											
994	Upper Snapfinger Creek	NA	0	9/21											
995	North Fork Peachtree Creek	NA	0	12/13											
1016	TISCIT Cleaning	NA	0												
1017	Nancy Creek Sewershed_90	NA	0	8/16											
1018	Upper Snapfinger Creek_36	NA	0	9/21											
1019	North Fork Peachtree Creek_101	NA	0	12/13											
1040	Manhole Condition Assessments	NA	0												
1041	Manhole Condition Assessments_344	NA	5												
1042	Common to PASARP & OSARP Projects	NA													
1043	Development of Rehab Recommendations for Design/Build	NA	0												
1049	Rehab Recommendations - Group 2 (Pkgs 2-4)	NA	100												
1054	Rehab Recommendations - Group 3 (Pkgs 5-8)	NA	0												
1059	Rehab Recommendations - Group 4 (Pkgs 9-13)	NA	0												
1069	Design / Build Prequalification Procurements	NA													
1080	BOC Committee Approval of Pre-Qualified Contractors	NA	0	1/16											
1081	Design/Build Rehabilitation Projects	NA													

DeKalb County Department of Watershed Management				Master Schedule Semi-Annual Report											
ID	Task Name	CD/CMOM Date	% Complete	2017											
				J	F	M	A	M	J	J	A	S	O	N	D
1082	Design/Build Rehabilitation - Package 1	NA	0												
1086	P&C Issue Bid Package	NA	100		2/3										
1095	Board Approval of Contract	NA	100				4/11								
1096	Procurement and Contracting Issuance NTP	NA	0												
1098	Design/Build Rehabilitation - Package 2	NA													
1102	P&C Issue Bid Package	NA	100				5/1								
1111	Board Approval of Contract	NA	0									8/22			
1112	Procurement and Contracting Issuance NTP	NA	0											10/31	
1114	Design/Build Rehabilitation - Package 3	NA													
1118	P&C Issue Bid Package	NA	0												
1127	Board Approval of Contract	NA	0							7/31					
1128	Procurement and Contracting Issuance NTP	NA	0											10/17	
1130	Design/Build Rehabilitation - Package 4	NA													
1134	P&C Issue Bid Package	NA	0												
1143	Board Approval of Contract	NA	0												
1144	Procurement and Contracting Issuance NTP	NA	0												
1146	Design/Build Rehabilitation - Package 5	NA													
1150	P&C Issue Bid Package	NA	0												
1159	Board Approval of Contract	NA	0												
1162	Design/Build Rehabilitation - Package 6	NA													
1178	Design/Build Rehabilitation - Package 7	NA													
1194	Design/Build Rehabilitation - Package 8	NA													
1210	Design/Build Rehabilitation - Package 9	NA													
1322	OSARP Rehabilitation Projects	NA	0												
1323	Creek Crossings (Annual Contract)	NA	0												
1327	P&C Issue Bid Package	NA	0												
1337	Board Approval of Contract	NA	0												
1338	Procurement and Contracting Issuance NTP	NA	0												
1576	Pump Station Assessments	NA	0												
1580	P&C Issue Bid Package	NA	0												
1590	Board Approval of Contract	NA	0												
1591	Procurement and Contracting Issuance NTP	NA	0												
1597	CIP Rehab/Construction Projects	NA													
2832	Task #05 O&M Programs	NA													
2833	Contingency and Emergency Response Plan (CERP)	NA													
2841	Contractor CERP Training (2017)	NA	25												
2844	Update CERP CMOM document to reflect changes made in 2016	NA	0												
2845	Submit updated CERP CMOM document to EPA	NA	0												
2848	FOG	NA													
2861	Implement and Perform Annual Survey - 2017	12/31/17	0												
2862	Collection and Transmission System Training Program	NA													
2874	DWM Implementation of C&TS Training Program	NA	5												
2875	DWM Updates Collection & Transmission Training Program CMOM	NA	0												
2876	DWM submits revised C&TS Training Program CMOM to EPA for acceptance	NA	0												
2878	Complete the staffing & program management element (including positioning the Training Program Retention Officer)	12/31/13	0												
2898	Maintenance Management System (MMS)	NA													
2909	Lift Stations, Force Mains, and Appurtenances Maintenance Program Enhancements [LS Enhancements]	NA													
2910	Review and Revise Maintenance Procedures (lift stations and force mains). [LS Enhancements]	NA	0												
2915	Review and Revise Maintenance Procedures 2017 Completion	12/31/17	0												
2916	Evaluation of Bypass Connections Needs [LS Enhancements 2]	NA	0												
2923	Evaluation of Bypass Connections Needs 2017 Completion	12/31/17	0												
2932	Force Main Performance Testing. [LS Enhancements 4]	NA													
2941	Force Main Performance Testing 2017 Completion	12/31/17	0												
2942	Develop Electrical Ground Testing Procedure. [LS Enhancements 5]	NA													

DeKalb County Department of Watershed Management				Master Schedule Semi-Annual Report											
ID	Task Name	CD/CMOM Date	% Complete	2017											
				J	F	M	A	M	J	J	A	S	O	N	D
2945	Apply Electrical Ground Testing Procedure 2017	12/31/17	0												
2957	Gravity System Maintenance Program Enhancements [Grav Enhancements]	NA													
2958	Review and Revise Maintenance Procedures (gravity mains) [Grav Enhancements 1]	NA	0												
2962	Review and Revise Maintenance Procedures (gravity mains) 2017 Completion	12/31/17	0							7/27					
2963	Assess the Condition of Assets [Grav Enhancements 2]	NA													
2970	Assess the Condition of Assets 2017 Completion	12/31/17	0												12/29
2971	Establish Overall Target [Grav Enhancements 3]	NA													
2977	System Cleaning 2017 Completion	12/31/17	0												12/29
2978	Input Repair and Maintenance Data [Grav Enhancements 4]	NA													
2986	Input Repair and Maintenance Data 2017 Completion	12/31/17	0												12/29
2987	Establish Priorities and Schedule for Easement Inspections & Clearing [Grav Enhancem	NA													
2997	Establish Priorities and Schedule for Easement Inspections & Clearing 2017 Comple	12/31/17	0										9/29		
3501															
3502															
3503	Grouped by Work Breakdown Structure (WBS) :														
3504	Task														
3505	Subtask														
3506	Group														
3507	Package or Subgroup														
3508	Subpackage														
3509	Service														
3511															
3512	Acronyms :														
3513	BOC - Board of Commissioners														
3514	CCTV - Closed-circuit Television														
3515	CD - Consent Decree														
3516	CERP - Contingency and Emergency Response Plan														
3517	CIP - Capital Improvement Program														
3519	CMOM - Capacity, Management, Operations, and Maintenance														
3521	C&TS - Collection & Transmission Systems														
3524	DWM - Department of Watershed Management														
3525	EPA - US Environmental Protection Agency														
3526	FOG - Fats, Oils & Grease														
3529	LS - Lift Station														
3530	MCA - Manhole Condition Assessment														
3531	MH - Manhole														
3532	MMS - Maintenance Management System														
3534	NTP - Notice to Proceed														
3535	OSARP - Ongoing Sewer Assessment and Rehabilitation Program														
3536	PASARP - Priority Area Sewer Assessment and Rehabilitation Program														
3537	P&C - Purchasing & Contracting														
3538	SSO - Sanitary Sewer Overflow														
3539	TISCIT - Totally Integrated Sonar and Camera Inspection Technology														
3540	WO - Work Order														
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