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DeKalbCountyga.gov | Stone Mountain, GA 30083

Via Electronic Mail and U.S. Mail

January 30, 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
January 30, 2017—10th 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:

- **January 30, 2017—10th 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, please contact me at 770-621-7234.

Sincerely,

A handwritten signature in blue ink that reads 'Scott A. Towler'.

Scott Towler, P.E.

Director, Department of Watershed Management

Chief Executive Officer
Michael Thurmond

Board of Commissioners

District 1
Nancy Jester

District 2
Jeff Rader

District 3
Larry Johnson

District 4
Stephen Bradshaw

District 5
Mereda Davis Johnson

District 6
Kathie Gannon

District 7
Gregory Adams Sr.

Ms. Sara Janovitz
January 30, 2017
Page 2

Enclosure

cc: Georgia EPD
O. V. Brantley, County Attorney
Margaret Tanner, Deputy Director
Reggie Wells, Deputy Director
Darren Eastall, Consent Decree Administrator
Patricia Moore, Document Control Coordinator
Matthew Welch, Supervising County Attorney
E. Fitzgerald Veira, Troutman Sanders

Semi-Annual Report #10

July 1, 2016, to December 31, 2016

Civil Action No. 1:10cv4039 - WSD

DeKalb County Department of Watershed Management



January 30, 2017

Table of Contents

INTRODUCTION	1
CAPACITY, MANAGEMENT, OPERATIONS AND MAINTENANCE (CMOM) 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)	4
4. COLLECTION AND TRANSMISSION SYSTEMS TRAINING PROGRAM (CD VI.B.v)	4
5. SYSTEM-WIDE FLOW AND RAINFALL MONITORING PROGRAM (CD VI.B.vi).....	5
6. INFRASTRUCTURE ACQUISITIONS PROGRAM (CD VI.B.ix)	5
7. PRIORITY AREAS SEWER ASSESSMENT AND REHABILITATION PROGRAM (CD VI.B.x).....	6
8. MAINTENANCE MANAGEMENT SYSTEM PROGRAM (CD VI.B.iv).....	7
GANTT CHART.....	8
ATTACHMENT A SSO CORRECTIVE ACTION WORK PLANS	17

Acronyms

CCTV	Closed Circuit Television
CD	Consent Decree
CDPMT	Consent Decree Program Management Team
CERP	Contingency and Emergency Response Plan
CIP	Capital Improvement Program
CMMS	Computerized Maintenance Management System
CMOM	Capacity, Management, Operations, and Maintenance
CW	Cityworks Software
D/B	Design/Build
D/B/B	Design/Bid/Build
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
ITB	Invitation To Bid
LS	Lift Station
MMS	Maintenance Management System
NA	Not Applicable
NASSCO	National Association of Sewer Service Companies
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
SSO	Sanitary Sewer Overflow
EPA	U.S. Environmental Protection Agency
WCTS	Wastewater Collection and Transmission System
WO	Work Order

Introduction

The DeKalb County (the “County”) Department of Watershed Management (DWM) submits this tenth 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 second half of 2016 and several projects and activities are projected to be implemented in the first 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	July 29, 2016
IX. (57)	9th Semi Annual Report	August 1, 2016*
IX (57)	Annual Report #4	August 1, 2016*
IX. (56)	Supplement to previously submitted quarterly reports	August 1, 2016
IX. (56)	Quarterly Report	November 1, 2016
IX. (57)	Revised Annual Report #4	November 1, 2016*
IX. (56)	Supplement to previously submitted quarterly reports	November 1, 2016

Table 1. CONSENT DECREE SUBMITTALS – SCHEDULE AND STATUS

Consent Decree #	Title	DWM Submittal for Review
IX. (56)	Quarterly Report	January 31, 2017
IX. (57)	Annual Report #5	February 28, 2017

***The reason for the submittal of each of these revised reports was provided simultaneously with their submittal.**

CMOM Programs’ Narrative Update

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

a) Projects and Activities Accomplished for the Reporting Period 7/1/2016 to 12/31/2016

i.) Established a Regulatory Compliance Division to QA/QC SSO report submittals to regulatory agencies, oversee activities undertaken by the lab in the sampling, monitoring, and reporting of spills, and assists with targeted reviews and review of follow up actions for SSOs.

ii.) Initiated targeted Fats, Oils, and Grease (FOG) education efforts following each grease related spill (additional information under FOG program). Over 5,000 FOG education flyers were handed out to residents in areas of spills, educating them about the effects of FOG on the collection system.

iii.) County in-stream monitoring has resulted in the discovery of 2 major spills, 2 private spills, and one attributable to an adjacent county.

iv.) The existing quarterly SSO trends analysis process was enhanced to include a more robust review of historic SSOs by sewershed. The review process was enhanced by expanding the review group to include Engineering and Construction Management Services (ECMS), Operations, FOG, Consent Decree Program Management team, and Geographic Information System (GIS) staff.

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 line2533](#).

vi.) Initiated an update of the CERP Capacity, Management, Operation, and Maintenance (CMOM) document to reflect changes implemented in 2016 to the program including the implementation of the Cityworks Computerized Maintenance Management Software system.

vii.) Increased public outreach campaign for SSO reporting and FOG. Began development of a “See It, Smell It, Report It” campaign to emphasize how to report SSOs in DeKalb County.

Exception Reporting: The County was unable to meet the public notice requirement timeframe of 7 days and the requirement to publish in the legal organ (The Champion which publishes once per week and requires up to a 10 day pre-notice).

Corrected the Emergency Actions, Post Major Spill Reporting procedures to meet the current EPD requirements. This included initiating the submittal of maps of sample points, the first 7 days of data when completed, and providing dates of public notices and spill notifications.

b) Projects and Activities Anticipated for the Reporting Period 1/1/2017 to 6/30/2017

- i.) Submit updated CERP CMOM document reflecting changes made in 2016 to program.
- ii.) Launch “See It, Smell It, Report It” campaign with social media, vehicle magnets or wraps, and website.
- iii.) CERP refresher training for DWM personnel.
- iv.) First responder training for sewer personnel 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 7/1/2016 to 12/31/2016

- i.) Sponsored 8 public outreach events reaching 5520 citizens. See [Gantt chart line 2552](#).
- ii.) Total inspections: 5,310
- iii.) Warning citations issued: 733
- iv.) Permits issued: 880
- v.) Court summons issued: 50
- vi.) Building plan reviews: 503
- vii.) Cross trained DWM plan review engineers to perform FOG building reviews.
- viii.) Cross trained DWM Construction Inspectors to perform inspections of new construction FOG interceptor and grease trap installations. This allows FOG Inspectors freedom to do more inspections and enforcement.

b) Projects and Activities Anticipated for the Reporting Period 1/1/2017 to 6/30/2017

- i.) Communicate 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 with aggressive enforcement program aimed at achieving higher compliance of 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 7/1/2016 to 12/31/2016

i.) Developed private sewer lateral GIS shapefile using data from Priority Areas Sewer Assessment and Rehabilitation Program (PASARP) closed circuit television (CCTV) database.

ii.) Continued the formalization of an easement mapping program to populate and maintain an easement feature class in the County Geographic Information System (GIS) database.

iii.) Updates of the Sewer Mapping GIS for new developments added, modeling connectivity update requests, and regular maintenance of the data.

b) Projects and Activities Anticipated for the Reporting Period 1/1/2017 to 6/30/2017

i.) Adding resources to continue the development of an easement mapping program through contracts.

ii.) Quarterly updates from the Sewer Mapping GIS and Sanitary Sewer Hydraulic Model will continue to maintain continuity of data.

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

a) Projects and Activities Accomplished for the Reporting Period 7/1/2016 to 12/31/2016

DWM is now generating monthly training reports for superintendents and managers and quarterly reports for executive management staff.

b) Projects and Activities Anticipated for the Reporting Period 1/1/2017 to 6/30/2017

Update Collection and Transmission Systems Training Program. See [Gantt Chart line 2555](#).

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 the Department. 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 7/1/2016 to 12/31/2016

- i.) Re-evaluated and adjusted the number and placement of monitors in the collection system based on evaluation of technical specifications for placement, operational efficiencies, use in hydraulic modeling, and other purposes.
- ii.) Maintained, including calibration, of in-place monitors.
- iii.) Installed flow monitors for new (or modified) development capacity allotment evaluations, flow reduction study, industry discharge monitoring, and other purposes.
- iv.) Established and ongoing training program for personnel to increase and maintain the skills and knowledge for accurate and correct install of units to improve overall quality of data generated.
- v.) Increased program parameters to provide verification of GIS data in the field and provide corrections to improve GIS data quality.

b) Projects and Activities Anticipated for the Reporting Period 1/1/2017 to 6/30/2017

- i.) Continue expansion and update of program as initiated in this semi-annual period.
- ii.) Reinstall and maintain multiple rainfall gauges to support the Hydraulic Modeling Program based on identified needs.
- iii.) Submit an updated County Wide Rainfall and Flow Monitoring Program CMOM document to reflect completion of all existing program milestones and ongoing activities and priorities.

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

a) Projects and Activities Accomplished for the Reporting Period 7/1/2016 to 12/31/2016

- i.) Evaluated/Inspected 27,476 feet of pipe
- ii.) No new lift stations acquired this period
- iii.) Sketch plat reviews: 19
- iv.) Water and wastewater plan review (buildings): 519
- v.) Water and wastewater plan review (land disturbance): 194
- vi.) Peer reviews: 7
- vii.) Easement reviews: 18
- viii.) Final plat reviews: 28

ix.) Meet daily with DWM inspectors to avoid/address any field issues, to streamline the process for review/approval/acceptance of new infrastructure.

Exception Reporting: During this reporting period the County began to implement the sewer capacity allotment procedures as described in the Infrastructure Acquisition Program document.

b) Projects and Activities Anticipated for the Reporting Period 1/1/2017 to 6/30/2017

- 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.

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

a) Projects and Activities Accomplished for the Reporting Period 7/1/2016 to 12/31/2016

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 is ongoing. In 4th Quarter 2016, notifications (summary below) sent to private owners, incorporated cities (3), and other entities to correct violations. Mass mailings sent on November 8, November 28, and December 16 covering priority areas in Snapfinger Basin (ASF-1) and Pole Bridge Basin (APB-1) for defects identified and to Intergovernmental (IIG13-1) and Snapfinger (ISF-3) priority areas for a portion of defects (individual evaluations and letters continue to be sent as evaluation of data warrants).

Program to eliminate infiltration and inflow into sanitary sewer system from defects identified in PASARP areas (Totals for 2016)			
	Clean out caps To be repaired or replaced	Private Laterals Defects repaired	Stormwater Illicit Connection Disconnected from sanitary system
Total letters sent	2051	11	6
Issue or Defect Resolved	145	0	0
Issue or Defect has been acknowledged by owner, but repair not completed	9	0	0
Total	154 (7.5%)	0	0

b) Projects and Activities Anticipated for the Reporting Period 1/1/2017 to 6/30/2017

i.) Continue to work with municipalities to accomplish the disconnection of stormwater discharges to the sewer system from sources within municipal boundaries.

ii.) Follow up to original mailings from 2016 dates.

iii.) Assignment of EPA Priority Escalation Assignments (See Gantt chart lines 913-923) to a Design-Build contract for execution of rehabilitation or repair as necessary. See attached sample work plan (Attachment A) for sample work completed and scheduled completion dates.

8. Maintenance Management System 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. A root control contract is to begin procurement process in next reporting period.

DWM does not have an easement clearing contract in place for this reporting period but cleared easements as necessary to gain access. An easement clearing contract is to begin procurement in next 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						CDPMT Master Schedule												
						Semi-Annual Report												
ID	Task Name	Start	Finish	CD/CMOM Date	% Complete	2014			2015			2016						
						2	3	4	1	2	3	4	1	2	3			
198	Sewer Mapping Program	12/31/13	6/19/20	NA	71%													
226	Update GIS Inventory	6/16/14	6/19/20	NA	68%													

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 3614 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						CDPMT Master Schedule												
						Semi-Annual Report												
ID	Task Name	Start	Finish	CD/CMOM Date	% Complete	2014			2015			2016						
						2	3	4	1	2	3	4	1	2	3			
198	Sewer Mapping Program	12/31/13	6/19/20	NA	71%													
226	Update GIS Inventory	6/16/14	6/19/20	NA	68%													

Task Name - Name of the task.

Dekalb County Department of Watershed Management						CDPMT Master Schedule												
						Semi-Annual Report												
ID	Task Name	Start	Finish	CD/CMOM Date	% Complete	2014			2015			2016						
						2	3	4	1	2	3	4	1	2	3			
198	Sewer Mapping Program	12/31/13	6/19/20	NA	71%													
226	Update GIS Inventory	6/16/14	6/19/20	NA	68%													

Start - Date when a task is scheduled to begin is calculated based on task constraints, task dependencies and resource calendars.

Finish - Date when a task is scheduled to end is calculated based on the start date, duration, task constraints, task dependencies and resource calendars.

It should be noted that if a work effort occurred during July 1, 2016 through December 31, 2016, the Start and/or Finish date shown is the actual date of that activity. If a work effort is projected

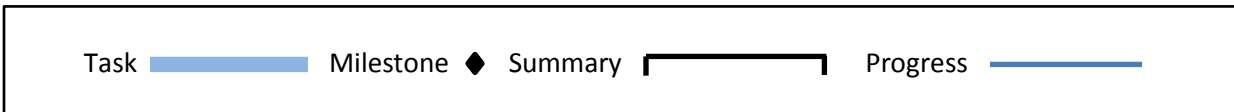
to occur between January 1, 2017 and June 30, 2017, the Start and/or Finish date shown is the planned date or dates for that activity.

Dekalb County Department of Watershed Management		CDPMT Master Schedule					Semi-Annual Report		
ID	Task Name	Start	Finish	CD/CMOM Date	% Complete	2014	2015	2016	
198	Sewer Mapping Program	12/31/13	6/19/20	NA	71%	2	3	4	
226	Update GIS Inventory	6/16/14	6/19/20	NA	68%	1	2	3	

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		CDPMT Master Schedule					Semi-Annual Report		
ID	Task Name	Start	Finish	CD/CMOM Date	% Complete	2014	2015	2016	
198	Sewer Mapping Program	12/31/13	6/19/20	NA	71%	2	3	4	
226	Update GIS Inventory	6/16/14	6/19/20	NA	68%	1	2	3	

% 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	Start	Finish	CD/CMOM Date	% Complete	2016											
						J	A	S	O	N	D	J	F	M	A	M	J
16	Task #03 CD Reporting	4/7/14	3/16/18	NA													
69	Quarterly Recurring Spills Reporting to EPA	7/30/14	1/30/18	NA													
78	Submit Quarterly Recurring Report 18	8/1/16	8/1/16	8/1/16	100	8/1											
79	Submit Quarterly Recurring Report 19	11/1/16	11/1/16	10/31/16	100				11/1								
80	Submit Quarterly Recurring Report 20	1/30/17	1/30/17	1/30/17	0							1/30					
81	Submit Quarterly Recurring Report 21	4/28/17	4/28/17	4/30/17	0										4/28		
85	Semi-Annual Recurring Reporting to EPA	12/17/14	1/31/18	NA													
131	Submit Semi-Annual Report 10 to EPA	1/30/17	1/30/17	1/30/17	0							1/30					
150	Annual Recurring Reporting to EPA	1/29/15	2/27/18	NA													
161	Annual Recurring Report 4	1/29/16	11/1/16	NA													
173	Rework of Trends Analysis	6/29/16	7/11/16	NA	100	7/11											
174	Prepare Corrections for previous reports	7/12/16	7/29/16	NA	100	7/29											
175	Develop Standardized SSO Escalation Work Plan	7/12/16	8/1/16	NA	100	8/1											
176	Submit Revised 2015 Annual Report 4 to EPA	8/1/16	8/1/16	NA	100	8/1											
177	Update Trends Analysis for 2015 Annual Report 4	8/1/16	10/31/16	NA	100	8/1			10/31								
178	Submit corrected, completed 2015 Annual Report 4 to EPA	11/1/16	11/1/16	2/29/16	100				11/1								
179	Annual Recurring Report 5	1/27/17	2/28/17	NA													
187	Submit Annual Report 05 to EPA	2/28/17	2/28/17	3/1/17	0										2/28		
197	Task #04 CMOM Programs - Assessment and Rehab Projects	12/31/13	11/15/21	NA													
370	Hydraulic Modeling Approach	4/7/14	6/19/20	NA													
397	Complete Calibrated Dry Weather Flow Modeling for 3 Basins	3/4/16	3/4/16	12/31/16	100												
398	Hydraulic Modeling Program: Complete sewershed models and integrate basin wide models including documentation	12/30/16	12/30/16	12/31/17	100							12/30					
400	Snapfinger Basin Peak Flow Model	6/12/14	12/30/16	NA													
428	Prepare Final Peak Flow Model Report	5/2/16	12/30/16	NA	100											12/30	
429	Polebridge Basin Peak Flow Model	7/17/14	12/30/16	NA													
457	Prepare Final Peak Flow Model Report	3/30/16	12/30/16	NA	100											12/30	
458	Intergovernmental Basin Peak Flow Model	7/17/14	12/30/16	NA													
459	Nancy Creek Sewershed	7/17/14	12/30/16	NA													
487	Prepare Final Peak Flow Model Report	4/1/16	12/30/16	NA	100											12/30	
488	South Fork Peachtree Ck / Pevine Ck Sewersheds	7/17/14	12/30/16	NA													
516	Prepare Final Peak Flow Model Report	6/15/16	12/30/16	NA	100											12/30	
517	North Fork Peachtree Creek Sewershed	7/17/14	12/30/16	NA													
545	Prepare Final Peak Flow Model Report	5/9/16	12/30/16	NA	100											12/30	
546	Misc Sewersheds Intergovernmental Basin	7/17/14	12/30/16	NA													
574	Prepare Final Peak Flow Model Report for (Marsh, Lucky Shoals, Ball Mill, Northeast and Camp Creeks)	6/1/16	12/30/16	NA	100											12/30	
578	Priority Areas Sewer Assessment & Rehab (PASARP)	5/1/14	11/15/21	NA													
646	PASARP - Sewer Group 1	2/13/15	12/29/17	NA													
662	Assessments - Sewer Group 1 - MME	12/30/15	12/29/17	NA													
674	CIP 40 Acoustic Testing	2/1/16	4/11/17	NA	71										4/11		
675	CIP 40 Smoke Testing	2/8/16	5/12/17	NA	35											5/12	
676	CIP 48 MH Inspection	2/1/16	8/25/17	NA	45												
677	CIP 42 CCTV Inspection	4/25/16	8/18/17	NA	70												
678	CIP 42 TISCIT Cleaning / CCTV Inspection	11/1/16	8/30/17	NA	41												
679	Scheduled Tiered Assess to Substantial Completion (61% time)	2/1/16	8/30/17	NA	52												
681	PASARP - Sewer Group 2	2/13/15	12/29/17	NA													
697	Assessments - Sewer Group 2 - Camken Consulting	12/30/15	12/29/17	NA													
724	CIP 40 Acoustic Testing	2/15/16	7/7/17	NA	41												
725	CIP 40 Smoke Testing	2/15/16	7/7/17	NA	79												
726	CIP 48 MH Inspection	2/15/16	7/7/17	NA	46												
727	CIP 42 CCTV Inspection	3/18/16	8/30/17	NA	24												
728	CIP 42 TISCIT Cleaning / CCTV Inspection	10/1/16	8/30/17	NA	15												
729	Scheduled Tiered Assess to Subs Completion (61% time)	2/15/16	8/30/17	NA	41												
731	PASARP - Sewer Group 3	2/13/15	12/29/17	NA													
747	Assessments - Sewer Group 3 - Woolpert	12/30/15	12/29/17	NA													

DeKalb County Department of Watershed Management						Master Schedule Semi-Annual Report											
ID	Task Name	Start	Finish	CD/CMOM Date	% Complete	2016											
						J	A	S	O	N	D	J	F	M	A	M	J
771	CIP 40 Acoustic Testing	1/28/16	3/17/17	NA	67	[Gantt bar: 1/28/16 to 3/17/17]											
772	CIP 40 Smoke Testing	1/28/16	3/17/17	NA	54	[Gantt bar: 1/28/16 to 3/17/17]											
773	CIP 48 MH Inspection	1/29/16	3/29/17	NA	71	[Gantt bar: 1/29/16 to 3/29/17]											
774	CIP 42 CCTV Inspection	3/3/16	8/30/17	NA	42	[Gantt bar: 3/3/16 to 8/30/17]											
775	CIP 42 TISCIT Cleaning / CCTV Inspection	1/28/16	8/30/16	NA	28	[Gantt bar: 1/28/16 to 8/30/16]											
776	Scheduled Tiered Assess to Subs Completion (61% time)	1/29/16	8/30/17	NA	52	[Gantt bar: 1/29/16 to 8/30/17]											
778	TISCIT - PASARP Assessment Projects	8/24/15	8/30/17	NA													
801	TISCIT - PASARP Assessments (20% time)	10/28/16	8/30/17	NA	28	[Gantt bar: 10/28/16 to 8/30/17]											
802	General Area & SSO Escalation Assessments (OSARP)	11/1/14	3/15/19	NA													
803	Assessments	11/1/14	9/14/18	NA													
804	General Area Manhole Condition Assessments	11/1/14	2/28/17	NA													
841	Field Assessments (89% time)	9/4/15	2/28/17	NA	80	[Gantt bar: 9/4/15 to 2/28/17]											
845	General Area CCTV Assessments	11/1/14	1/19/17	NA													
882	Field Assessments (97% time)	8/10/15	1/19/17	NA	57	[Gantt bar: 8/10/15 to 1/19/17]											
887	General Area MCA & CCTV Assessments (continued)	5/5/16	9/14/18	NA													
888	Procurement - General Areas Assessments	10/3/16	3/15/17	NA													
889	ITB Issued to Procurement and Contracting	10/3/16	12/29/16	NA	100	[Gantt bar: 10/3/16 to 12/29/16]											
902	Procurement and Contracting Issuance NIP	2/15/17	3/15/17	NA	0	[Gantt bar: 2/15/17 to 3/15/17]											
903	General Areas Assessments	5/5/16	9/14/18	NA													
904	MCA & CCTV Assessments OSARP Projects	3/16/17	9/14/18	NA	0	[Gantt bar: 3/16/17 to 9/14/18]											
906	SSO Escalation Assessments by WO (Work Order)	3/16/16	4/28/17	NA													
911	EPA Priority Escalation Assessments	3/16/16	1/31/17	NA													
912	PASARP Areas (6 WO's: 0 Open, 6 Complete)	3/16/16	12/16/16	NA													
913	EPA02 - 2312 Clairmont Rd	4/29/16	12/16/16	NA	100	[Gantt bar: 4/29/16 to 12/16/16]											
915	EPA06 -02 - Millwood Ct / Burnt Creek Rd	4/11/16	11/30/16	NA	100	[Gantt bar: 4/11/16 to 11/30/16]											
917	EPA08 - 44 - 608 S McDonough St/101 Green St	4/29/16	10/20/16	NA	100	[Gantt bar: 4/29/16 to 10/20/16]											
918	EPA09 - 4154 Redan Rd	4/22/16	7/29/16	NA	100	[Gantt bar: 4/22/16 to 7/29/16]											
919	EPA10 - 49 - 161 Hood Circle	3/16/16	10/14/16	NA	100	[Gantt bar: 3/16/16 to 10/14/16]											
920	OSARP Areas (3 WO's: 1 Open, 2 Complete)	4/22/16	1/31/17	NA													
921	EPA01 - 215 Beaumont Ave	4/29/16	1/31/17	NA	90	[Gantt bar: 4/29/16 to 1/31/17]											
922	EPA03 - 08 - 3924 Roman Court	4/22/16	7/29/16	NA	100	[Gantt bar: 4/22/16 to 7/29/16]											
923	EPA05 - 3597 Sunderland Circle	4/29/16	8/31/16	NA	100	[Gantt bar: 4/29/16 to 8/31/16]											
924	Work Plans for EPA Priority Escalation Projects	8/10/16	8/10/16	NA													
925	Submit Work Plan to EPA for EPA01 - 215 Beaumont Ave (RFP#3)	8/10/16	8/10/16	NA	100	[Gantt bar: 8/10/16 to 8/10/16]											
926	Submit Work Plan to EPA for EPA02 - 2312 Clairmont Rd (RFP#3)	8/10/16	8/10/16	NA	100	[Gantt bar: 8/10/16 to 8/10/16]											
927	Submit Work Plan to EPA for EPA03 - 08 - 3924 Roman Court (RFP#1)	8/10/16	8/10/16	NA	100	[Gantt bar: 8/10/16 to 8/10/16]											
928	Submit Work Plan to EPA for EPA04 - 41 - 1576 Nantahalla Court (RFP#3)	8/10/16	8/10/16	NA	100	[Gantt bar: 8/10/16 to 8/10/16]											
929	Submit Work Plan to EPA for EPA05 - 3597 Sunderland Circle (RFP#3)	8/10/16	8/10/16	NA	100	[Gantt bar: 8/10/16 to 8/10/16]											
930	Submit Work Plan to EPA for EPA06 -02 - Burnt Creek Rd (RFP#3)	8/10/16	8/10/16	NA	100	[Gantt bar: 8/10/16 to 8/10/16]											
931	Submit Work Plan to EPA for EPA08 - 44 - 608 S McDonough St/101 Green St (RFP#3)	8/10/16	8/10/16	NA	100	[Gantt bar: 8/10/16 to 8/10/16]											
932	Submit Work Plan to EPA for EPA09 - 4154 Redan Rd (Emergency project)	8/10/16	8/10/16	NA	100	[Gantt bar: 8/10/16 to 8/10/16]											
933	Submit Work Plan to EPA for EPA10 - 49 - 161 Hood Circle (RFP#1)	8/10/16	8/10/16	NA	100	[Gantt bar: 8/10/16 to 8/10/16]											
934	PASARP Escalation Assessments (17 WO's: 10 Open, 7 Complete)	4/4/16	4/13/17	NA													
952	OSARP Escalation Assessments (27 WO's: 16 Open, 11 Complete)	3/16/16	4/28/17	NA													
984	Capacity Restoration (Large Diameter) - OSARP Projects	1/17/15	3/15/19	NA													
989	ITB Issued to Procurement and Contracting	10/3/16	11/1/16	NA	100	[Gantt bar: 10/3/16 to 11/1/16]											
1002	Procurement and Contracting Issuance NIP	2/2/17	3/15/17	NA	0	[Gantt bar: 2/2/17 to 3/15/17]											
1004	Capacity Restoration - OSARP Projects - Cleaning & Restoration	3/16/17	3/15/19	NA	0	[Gantt bar: 3/16/17 to 3/15/19]											
1006	Common to PASARP & OSARP Projects	10/15/15	5/15/21	NA													
1008	Rehab Recommendations - Group 1 {Pkg 1}	1/19/16	11/30/16	NA	100	[Gantt bar: 1/19/16 to 11/30/16]											
1013	Rehab Recommendations - Group 2 {Pkgs 2-6}	10/26/16	2/28/17	NA	38	[Gantt bar: 10/26/16 to 2/28/17]											
1018	Rehab Recommendations - Group 3 {Pkgs 7-12}	2/28/17	8/31/17	NA	0	[Gantt bar: 2/28/17 to 8/31/17]											
1033	Design / Build Prequalification Procurements	10/15/15	1/17/17	NA													
1036	Purchasing & Contracting Issues Request for Qualifications	9/22/16	9/22/16	NA	100	[Gantt bar: 9/22/16 to 9/22/16]											
1044	BOC Committee Approval of Pre-Qualified Contractors	1/17/17	1/17/17	NA	0	[Gantt bar: 1/17/17 to 1/17/17]											

DeKalb County Department of Watershed Management				Master Schedule Semi-Annual Report													
ID	Task Name	Start	Finish	CD/CMOM Date	% Complete	2016											
						J	A	S	O	N	D	J	F	M	A	M	J
1045	Design/Build Rehabilitation Projects	1/15/17	5/15/21	NA													
1047	D/B Rehabilitation Procurement - Package 1	1/15/17	3/28/17	NA													
1048	Technical Docs Issued to Procurement and Contracting	1/15/17	1/15/17	NA	0												
1049	Procurement and Contracting Bid Package Prep	1/17/17	1/24/17	NA	0												
1050	P&C Issue Bid Package	1/24/17	1/24/17	NA	0												
1051	Bid Period	1/25/17	2/22/17	NA	0												
1052	P&C Receive Bids	2/22/17	2/22/17	NA	0												
1053	DWM Bid Tab / Evaluation	2/23/17	3/1/17	NA	0												
1054	DWM Advise of Selected Bidder	3/2/17	3/2/17	NA	0												
1055	DWM & DeKalb County Sign Recommendation	3/3/17	3/6/17	NA	0												
1056	COW Committee Review Contract	3/7/17	3/7/17	NA	0												
1057	COW Committee Approval of Contract	3/7/17	3/7/17	NA	0												
1058	BOC Action to Approve Contract	3/14/17	3/14/17	NA	0												
1059	Board Approval of Contract	3/14/17	3/14/17	NA	0												
1060	Procurement and Contracting Issuance NIP	3/15/17	3/28/17	NA	0												
1061	D/B Design & Rehabilitation - Package 1	3/29/17	3/28/20	NA	0												
1062	Design/Build Rehabilitation - Package 2	2/14/17	5/12/20	NA													
1063	D/B Rehabilitation Procurement - Package 2	2/14/17	5/12/17	NA	0												
1064	D/B Design & Rehabilitation - Package 2	5/12/17	5/12/20	NA	0												
1065	Design/Build Rehabilitation - Package 3	2/14/17	5/12/20	NA													
1066	D/B Rehabilitation Procurement - Package 3	2/14/17	5/12/17	NA	0												
1067	D/B Design & Rehabilitation - Package 3	5/12/17	5/12/20	NA	0												
1068	Design/Build Rehabilitation - Package 4	2/28/17	5/30/20	NA													
1069	D/B Rehabilitation Procurement - Package 4	2/28/17	5/30/17	NA	0												
1070	D/B Design & Rehabilitation - Package 4	5/30/17	5/30/20	NA	0												
1071	Design/Build Rehabilitation - Package 5	2/28/17	5/30/20	NA													
1072	D/B Rehabilitation Procurement - Package 5	2/28/17	5/30/17	NA	0												
1073	D/B Design & Rehabilitation - Package 5	5/30/17	5/30/20	NA	0												
1074	Design/Build Rehabilitation - Package 6	2/28/17	5/30/20	NA													
1075	D/B Rehabilitation Procurement - Package 6	2/28/17	5/30/17	NA	0												
1076	D/B Design & Rehabilitation - Package 6	5/30/17	5/30/20	NA	0												
1077	Design/Build Rehabilitation - Package 7	3/31/17	6/30/20	NA													
1078	D/B Rehabilitation Procurement - Package 7	3/31/17	6/30/17	NA	0												
1080	Design/Build Rehabilitation - Package 8	4/28/17	7/31/20	NA													
1081	D/B Rehabilitation Procurement - Package 8	4/28/17	7/31/17	NA	0												
1083	Design/Build Rehabilitation - Package 9	5/31/17	8/31/20	NA													
1084	D/B Rehabilitation Procurement - Package 9	5/31/17	8/31/17	NA	0												
1086	Design/Build Rehabilitation - Package 10	6/30/17	9/30/20	NA													
1087	D/B Rehabilitation Procurement - Package 10	6/30/17	9/29/17	NA	0												
1131	CIP Rehab/Construction Projects																
1176	2015 Consent Date	10/10/14	3/5/18	NA													
1177	Caladium Drive (D/B)	2/13/15	3/5/18	NA													
1182	Score and Issue Rehabilitation Recommendation	12/28/15	7/29/16	NA	100												
1184	Procurement and Contracting Issuance NIP (RFP#1)	8/1/16	3/28/17	NA	50												
1430	2016 Consent Date	4/1/14	11/16/18	NA													
1431	Columbia Drive LS (D/B)	4/3/15	3/29/17	NA													
1460	Substantial Completion	11/18/16	11/18/16	12/31/16	100												
1467	Honey Creek LS ** (D/B)	10/15/15	6/3/18	NA													
1482	Procurement and Contracting Issuance NIP	7/13/16	8/16/16	NA	100												
1487	Design Completion	12/23/16	12/23/16	12/31/16	100												
1455	Stonecrest LS (new) (D/B)	1/11/16	7/28/17	NA													
1515	Substantial Completion	12/30/16	12/30/16	12/31/16	100												
1522	Lithonia I LS Demo (D/B)	1/11/16	7/28/17	NA													
1542	Substantial Completion	12/30/16	12/30/16	12/31/16	100												
1543	Lithonia II LS Demo (D/B)	1/11/16	7/28/17	NA													
1569	Substantial Completion	12/30/16	12/30/16	12/31/16	100												

DeKalb County Department of Watershed Management					Master Schedule Semi-Annual Report												
ID	Task Name	Start	Finish	CD/CMOM Date	% Complete	2016											
						J	A	S	O	N	D	J	F	M	A	M	J
1576	Leeshire LS ** (D/B/B)	4/1/14	11/16/18	NA													
1581	Design Completion	12/26/16	12/26/16	12/31/16	100												12/26
1640	2017 Consent Date	1/21/16	3/26/18	NA													
1641	Hammer Mill I LS (D/B/B)	1/21/16	12/31/17	NA													
1645	Design - Restart Existing Design	9/1/16	1/6/17	NA	90												1/6
1681	ITB Issued to Procurement and Contracting	1/9/17	1/13/17	NA	0												1/13
1694	Procurement and Contracting Issuance NTP	4/19/17	5/2/17	NA	0												5/2
1704	Royal Atlanta III LS (D/B)	3/2/16	1/12/18	NA													
1708	ITB Issued to Procurement and Contracting	12/26/16	12/30/16	NA	100												12/30
1721	Procurement and Contracting Issuance NTP	4/5/17	4/18/17	NA	0												4/18
1731	Johnson Creek LS (D/B)	4/14/16	2/26/18	NA													
1762	ITB Issued to Procurement and Contracting	12/1/16	12/7/16	NA	100												12/7
1775	Procurement and Contracting Issuance NTP	3/8/17	3/20/17	NA	0												3/20
1819	American Fare LS (D/B/B)	4/18/16	1/28/18	NA													
1823	Design - Restart Design	10/12/16	1/21/17	NA	60												1/27
1882	2018 Consent Date	9/22/15	2/21/19	NA													
1883	Lewis Way LS (D/B)	9/22/15	2/17/19	NA													
1885	ITB Issued to Procurement and Contracting	10/3/16	10/7/16	NA	100												10/7
1898	Procurement and Contracting Issuance NTP	1/11/17	2/6/17	NA	0												2/6
1910	Heritage Heights (D/B/B)	3/10/16	11/4/18	NA													
1912	Design Procurement	3/10/16	10/10/16	NA	100												10/10
1914	Design - Restart Design	10/11/16	12/8/16	NA	100												12/8
1950	ITB Issued to Procurement and Contracting	3/1/17	3/7/17	NA	0												3/7
1973	ISS / Oakcliff Rd (D/B/B)	5/20/16	1/31/19	NA													
1977	Design - Restart Design	9/19/16	1/31/17	NA	90												1/31
2013	ITB Issued to Procurement and Contracting	2/1/17	3/22/17	NA	0												3/22
2036	Stone Mill I LS (D/B)	1/21/16	2/17/19	NA													
2038	ITB Issued to Procurement and Contracting	10/3/16	10/7/16	NA	100												10/7
2051	Procurement and Contracting Issuance NTP	1/25/17	2/6/17	NA	0												2/6
2063	Stone Mill II LS (D/B)	1/21/16	2/17/19	NA													
2065	ITB Issued to Procurement and Contracting	10/3/16	10/7/16	NA	100												10/7
2078	Procurement and Contracting Issuance NTP	1/25/17	2/6/17	NA	0												2/6
2090	Camp Creek LS (D/B)	1/21/16	10/10/18	NA													
2105	Procurement and Contracting Issuance NTP	7/20/16	8/1/16	NA	100												8/1
2117	Pennybrook LS (D/B)	2/25/16	2/21/19	NA													
2119	ITB Issued to Procurement and Contracting	10/3/16	10/7/16	NA	100												10/7
2132	Procurement and Contracting Issuance NTP	1/25/17	2/6/17	NA	0												2/6
2144	Fourth St LS (D/B)	3/28/16	2/17/19	NA													
2146	ITB Issued to Procurement and Contracting	10/3/16	10/7/16	NA	100												10/7
2159	Procurement and Contracting Issuance NTP	1/25/17	2/6/17	NA	0												2/6
2171	2019 Consent Date	5/2/16	1/24/19	NA													
2172	New Gibraltar LS (D/B/B)	10/3/16	1/24/19	NA													
2174	Design Procurement	10/3/16	2/6/17	NA	50												2/6
2235	Kings Way LS (D/B)	5/2/16	4/29/18	NA													
2237	Design / Build Procurement	1/3/17	4/26/17	NA	0												4/26
2525	Task #05 O&M Programs	4/7/14	4/4/18	NA													
2526	Contingency and Emergency Response Plan (CERP)	5/27/14	12/15/17	NA													
2532	SSO Investigation Teams Retraining	6/28/16	7/12/16	NA	100												7/12
2533	Contractor CERP Training (2016)	7/12/16	12/8/16	NA	100												12/8
2534	Contractor CERP Training (2017)	5/1/17	12/15/17	NA	0												
2536	Expansion of Public Training Program by DWM	3/29/16	12/26/16	NA	100												12/26
2537	Update CERP CMOM document to reflect changes made in 2016	9/15/16	2/28/17	NA	20												2/28
2538	Submit updated CERP CMOM document to EPA	2/28/17	2/28/17	NA	0												2/28
2541	FOG	5/1/14	12/29/17	NA													
2552	Ongoing 2016 FOG (Sponsored 8 Public Outreach Events in 2H 2016)	7/5/16	12/29/16	NA	100												12/29
2553	Implement and Perform Annual Survey - 2016	12/30/16	12/30/16	12/31/16	100												12/30

ID	Task Name	Start	Finish	CD/CMOM Date	% Complete	2016												
						J	A	S	O	N	D	J	F	M	A	M	J	
3204	MMS - Maintenance Management System																	
3206	NTP - Notice to Proceed																	
3207	OSARP - Ongoing Sewer Assessment and Rehabilitation Program																	
3208	PASARP - Priority Area Sewer Assessment and Rehabilitation Program																	
3209	SSO - Sanitary Sewer Overflow																	
3210	WO - Work Order																	

Attachment A
SSO Corrective Action Work Plan



SSO CORRECTIVE ACTION WORK PLAN
 215 Beaumont Avenue
 Peavine Creek – Intergovernmental Basin



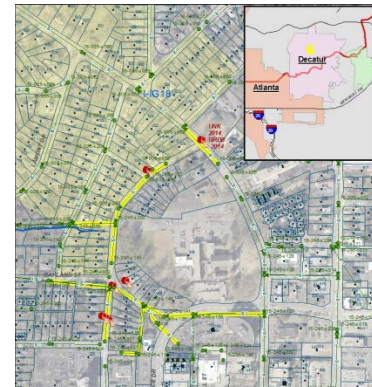
Location: 215 Beaumont Avenue
 Decatur, GA 30030

Primary Manager: Darren Eastall

Initiation Date: 04/14/2016

Project(s): EPA #1

Location History: Overflows at cleanout, backup at residence, and spill from manhole in front of property.



Actions Taken: In response, Construction & Maintenance (C&M) cleaned vicinity and inspected surrounding manholes, cleanout, and mains. C&M rodded from cleanout to stub and pressure washed mains. Crew also found and removed construction materials from manhole. Further investigation work orders have been assigned. After review, team decided to limit project boundary to problem location and removed northern portion of unconnected pipes.

<u>ACTION</u>	<u>WO#</u>	<u>ASSIGNED</u>	<u>COMPLETED</u>
Overflow response, rod cleanout to main (clear)	1230656	DWM C&M	07/18/2012
Backup response, rod cleanout to main (clear)	1411517	C&M	03/18/2014
Overflow response	1503053	C&M	01/25/2015
Rod cleanout to main (blockage)	1503053	C&M	01/25/2015
Overflow response, rod cleanout (blockage)	1538489	C&M	11/07/2015
Inspect US/DS MHs, pressure wash mains	1538489	C&M	11/07/2015
Overflow response, rod cleanout, clean mains	1540353	C&M	11/25/2015
Overflow response, CCTV line, note MH surcharge	1603449	C&M	02/03/2016
Manhole condition assessments, 9 MH	1604108	MME	05/12/2016
CCTV vicinity, 19 pipes	1604109	MME	07/06/2016
Rehab recommendations – Phase 1	--	CDPMT/DWM	07/28/2016
Reviewed model recommendations for capacity	--	CDPMT	09/01/2016
Rehab recommendations – Phase 2	--	CDPMT	01/19/2017
Drawings finalized and recommendations compiled for DB Package #3	--	CDPMT	01/27/2017

Actions Planned: Packaged rehab recommendations to be delivered to DB contractor in RFP #3.

<u>ACTION</u>	<u>ASSIGNED</u>	<u>ASSIGNED DATE</u>	<u>EXPECTED DELIVERY</u>
Issue RFP for DB Package #3	P&C	TBD	TBD

Scoring: Pipe segments with medium to high scores in redefined project boundary

Recommendations: Redesign to address shallow manholes and upsize several segments; RFP #3

Work Plan Updated: Sarah Brannon 1/27/2017

Resolution Date: Pending

Closeout: _____ (PM) _____ (Director)