



**Department of Watershed Management**  
Scott Towler, P.E.  
Director

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Vacant

**Via Electronic Mail and U.S. Mail**

August 1, 2016

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  
August 1, 2016—9<sup>th</sup> 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:

- August 1, 2016—9<sup>th</sup> 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,

Scott Towler, P.E.  
Director, Department of Watershed Management

Enclosure

Ms. Sara Janovitz  
August 1, 2016  
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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, Sr. Asst. County Attorney  
E. Fitzgerald Veira, Troutman Sanders

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# Semi-Annual Report #9

January 1, 2016, to June 30, 2016  
Civil Action No. 1:10cv4039 - WSD

**DeKalb County  
Department of Watershed Management**



August 1, 2016

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## 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 ninth 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 half of 2016 and several projects and activities are projected to be implemented in the latter half of 2016. As the implementation of the Capacity, Management, Operations and Maintenance (CMOM) programs continues to ramp up 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. The introduction of a Gantt chart was provided in the appendix of the seventh Semi-Annual Report and was further developed in the eighth Semi-Annual Report. The format of this submittal has been modified from previous versions of the Semi-Annual Report to place more emphasis on a Gantt chart format. As such, this submittal will include a Gantt chart and minimal accompanying narrative.

See Table 1 below for a summary of submittals and projected submittals during the reporting period.

**Table 1. CONSENT DECREE SUBMITTALS – SCHEDULE AND STATUS**

<b>Consent Decree #</b>	<b>Title</b>	<b>DWM Submittal for Review</b>
<b>IX. (56)</b>	<b>Quarterly Report</b>	<b>January 22, 2016</b>
<b>IX. (57)</b>	<b>8<sup>th</sup> Semi Annual Report</b>	<b>February 1, 2016</b>
<b>IX. (58)</b>	<b>4<sup>th</sup> Annual Report (2015)</b>	<b>February 29, 2016*</b>

IX. (56)	Quarterly Report	June 1, 2016*
IX. (57)	This 9 <sup>th</sup> Semi Annual Report	August 1, 2016
IX. (56)	Quarterly Report	August 1, 2016
IX. (56)	Quarterly Report	October 31, 2016

**\*Note:** The 4<sup>th</sup> Annual Report was submitted on February 29, 2016, however certification was not completed. The Revised 4<sup>th</sup> Annual Report (Jan-Dec 2015) will be submitted on August 1, 2016 along with this 9<sup>th</sup> Semi Annual Report.

The first quarter of 2016 Quarterly Report's submission date was extended from April 30, 2016 to June 1, 2016. It was submitted on that date.

## CMOM Programs' Narrative Update

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

#### a) Projects and Activities Accomplished for the Reporting Period 1/1/2016 to 6/30/2016

During the reporting period from January 1, 2016, to June 30, 2016, considerable efforts have been committed to developing a better understanding of the reporting process for Sanitary Sewer Overflow (SSO)s. It appears that some incidents were not identified as SSOs nor properly classified as spills or overflows or building backups.

During this reporting period, the entire reporting process was reviewed, and it was discovered that:

- Checks and balances in the reporting process may not have been adequate
- The absence of active spills/overflows directly observed by DWM crews or contractors led to under reporting
- Work plans for longer term repairs were not consistently developed

As a result of these findings, DWM immediately began retraining its entire staff, starting with first response crews, to develop an understanding:

- That any evidence of wastewater having come from the Wastewater Collection and Transmission System (WCTS) is an SSO
- That evidence of a discharge entering waters of the state is a spill, and
- Of the distinction between spills, overflows and building backups

Further, DWM reassigned the reporting process, included additional decision makers and retrained these teams on CERP and investigation documentation. Expanded CERP training was provided to DWM first response crews, DWM staff, as well as for Priority Areas Sewer Assessment and Rehabilitation Program (PASARP) and Ongoing Sewer Assessment and Rehabilitation Program (OSARP) contractors working within the system on the CD Program.

Concurrent with these improvements to the reporting process, DWM conducted a complete and thorough review of all service requests by an independent engineering team. A detailed review process

was developed, to reexamine every service request from 2012 through 2015, to consider the likelihood of each event being an SSO as determined from available information and interviews with crews and to classify the type of event (spill, overflow, building backup, private). Quality Assurance/ Quality Control (QA/QC) from both DWM and the independent engineering team was incorporated into the review process. The details of the methodology employed and the results of this review will be separately reported in the Supplement to Previously Submitted Quarterly Reports. Additionally, these results will be included in the separately submitted 2015 Annual Report and Trends Analysis.

The County has begun to expand public education outreach efforts to educate citizens about sanitary sewer overflows and reporting of spills. Social media and email blasts will be used to reach the citizens of DeKalb County along with the usual radio and print ads that DeKalb has done in the past.

Watershed Management has created a Regulatory Compliance Group within the Engineering Division to insure that regulatory reports are accurate, complete, and in compliance with the Consent Decree and EPA/EPD laws and rules. This group outside of the Operations Division will provide the necessary checks and balances for reporting of SSOs.

#### **b) Projects and Activities Anticipated for the Reporting Period 7/1/2016 to 12/31/2016**

In addition to assessing and revising past reporting practices, DWM is committed to establishing a strong path forward towards a successfully operating program, that includes:

- Correct and timely reporting
- Additional training
- Organizational improvement (establishment of Regulatory Compliance Group)
- Expanded public education, and maintaining open communication with agencies

Each of these activities will be explained in more detail as processes and procedures are developed and implemented.

The expansion of public education outreach efforts to include community outreach, social media, and directed warnings for identified areas will be in the second half of 2016.

Integration of Regulatory Compliance into routine activities in the CERP will begin in 2016.

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

#### **a) Projects and Activities Accomplished for the Reporting Period 1/1/2016 to 6/30/2016**

- i.) Sponsored 5 public outreach events reaching 950 citizens. See [Gantt chart line 2865](#).
- ii.) Total inspections: 3,923
- iii.) Warning citations issued: 353
- iv.) Permits issued: 1,357
- v.) Court summons issued: 5



vi.) Building plan reviews: 629

**b) Projects and Activities Anticipated for the Reporting Period 7/1/2016 to 12/31/2016**

i.) Communicate with County residents and customers as part of the Public Education Program.

ii.) Participate in FOG investigations as part of trends analysis follow up.

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

**a) Projects and Activities Accomplished for the Reporting Period 1/1/2016 to 6/30/2016**

i) Substantial completion of creek crossing inventory and inspections.

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.

**b) Projects and Activities Anticipated for the Reporting Period 7/1/2016 to 12/31/2016**

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

ii) Create and begin to populate a private lateral connection point layer from field data collected as part of the PASARP and OSARP programs.

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

**a) Projects and Activities Accomplished for the Reporting Period 1/1/2016 to 6/30/2016**

i.) DWM recommitment to development of Training Program. See [Gantt Chart line 2879](#).

ii.) Exceptions Explanation - DWM is not currently generating quarterly reports for management and trainers from the Compliance Suite software that provides the status training for each employee, including training refresher due dates. 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.

**b) Projects and Activities Anticipated for the Reporting Period 7/1/2016 to 12/31/2016**

Update Collection and Transmission Systems Training Program. See [Gantt Chart line 2880](#).

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

**a) Projects and Activities Accomplished for the Reporting Period 1/1/2016 to 6/30/2016**

- i.) Re-evaluated and adjusted the number and placement of monitors in the collection system.
- ii.) Inspected the interjurisdictional flow monitors for maintenance and upgrade potential.
- iii.) Installed monitors at program lead's direction to measure flow for capacity assurance purposes.

**b) Projects and Activities Anticipated for the Reporting Period 7/1/2016 to 12/31/2016**

- i.) Continue to evaluate the number and placement of monitors as the needs of the program dictate.
- ii.) Initiate development of system of monitors and software programs that can be integrated into a dashboard type interface for system analysis.

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

**a) Projects and Activities Accomplished for the Reporting Period 1/1/2016 to 6/30/2016**

- i.) Evaluated/Inspected 19,279 feet of pipe.
- ii.) No lift stations acquired this period/ (1) private lift station retrofit review conducted.
- iii.) Sketch plat reviews: 15
- iv.) City land disturbance permit reviews: 54
- v.) Unincorporated land disturbance permit reviews: 82
- vi.) Peer reviews: 0
- vii.) City reviews: 377
- viii.) Easement reviews: 6
- ix.) Final plat reviews: 51
- x.) Meet daily with DWM inspectors to avoid/address any field issues, to streamline the process for review/approval/acceptance of new infrastructure.
- xi.) Exception Explanation – The allotment of sewer capacity portion of the Infrastructure Acquisition Program is being developed and should be approved by the Law Department and DWM management in 2016. The process for bonding, final inspections, and acceptance is being revised to confirm projects are being acquired via the proper procedures.

**b) Projects and Activities Anticipated for the Reporting Period 7/1/2016 to 12/31/2016**

- 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 all applicants/citizens requesting assistance.
- v.) Review lift-station acquisitions, as required.

## 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	Duration	% Complete	2014 2   3   4
198	Sewer Mapping Program	12/31/13	6/19/20	NA	1634 d	71%	
226	Update GIS Inventory	6/16/14	6/19/20	NA	1519 d	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	Duration	% Complete	2014 2   3   4
198	Sewer Mapping Program	12/31/13	6/19/20	NA	1634 d	71%	
226	Update GIS Inventory	6/16/14	6/19/20	NA	1519 d	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	Duration	% Complete
198	Sewer Mapping Program	12/31/13	6/19/20	NA	1634 d	71%
226	Update GIS Inventory	6/16/14	6/19/20	NA	1519 d	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.

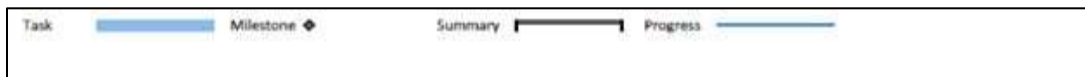
It should be noted that if a work effort occurred during January 1, 2016 through June 30, 2016, the Start and/or Finish date shown is the actual date of that activity. If a work effort is projected to occur between June 30, 2016 and December 31, 2016, the Start and/or Finish date shown is the planned 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	Duration	% Complete
198	Sewer Mapping Program	12/31/13	6/19/20	NA	1634 d	71%
226	Update GIS Inventory	6/16/14	6/19/20	NA	1519 d	68%

**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	Duration	% Complete
198	Sewer Mapping Program	12/31/13	6/19/20	NA	1634 d	71%
226	Update GIS Inventory	6/16/14	6/19/20	NA	1519 d	68%

**% 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	F	M	A	M	J	J	A	S	O	N	D
16	<b>Task #03 CD Reporting</b>	4/7/14	3/16/18	NA													
69	<b>Quarterly Recurring Spills Reporting to EPA</b>	7/30/14	1/30/18	NA													
76	Submit Quarterly Recurring Report 16	1/29/16	1/29/16	1/30/16	100	1/29											
77	Submit Quarterly Recurring Report 17	6/1/16	6/1/16	4/30/16	100					6/1							
78	Submit Quarterly Recurring Report 18	7/29/16	7/29/16	7/30/16	0							7/29					
79	Submit Quarterly Recurring Report 19	10/28/16	10/28/16	10/30/16	0										10/28		
85	<b>Semi-Annual Recurring Reporting to EPA</b>	12/17/14	1/31/18	NA													
115	Submit Semi-Annual Report 08 to EPA	2/1/16	2/1/16	2/1/16	100	2/1											
125	Submit Semi-Annual Report 09 to EPA	7/29/16	7/29/16	8/1/16	0							7/29					
156	<b>Annual Recurring Reporting to EPA</b>	1/29/15	2/27/18	NA													
167	<b>Annual Recurring Report 4</b>	1/25/16	7/29/16	NA													
176	Submit Annual Report 04 (without Trends Analysis) to EPA	3/1/16	3/1/16	NA	100		3/1										
177	Draft Trends Analysis for Report 04	3/2/16	3/15/16	NA	100			3/15									
178	EPA Meeting to Review Consent Decree Status	4/14/16	4/14/16	NA	100				4/14								
179	3rd Party review of SSO Data	4/15/16	6/28/16	NA	100							6/28					
180	Rework of Trends Analysis	6/29/16	7/11/16	NA	0							7/11					
181	Prepare Corrections for previous reports	7/12/16	7/29/16	NA	0							7/29					
182	Develop Standardized SSO Escalation Work Plan	7/12/16	7/29/16	NA	0							7/29					
183	Submit corrected, completed 2015 Annual Report with previous reports' Corrective Addendum to EPA due 07/31	7/29/16	7/29/16	2/29/16	0							7/29					
204	<b>Task #04 CMOM Programs - Assessment and Rehab Projects</b>	12/31/13	6/30/21	NA													
377	<b>Hydraulic Modeling Approach</b>	4/7/14	6/19/20	NA													
403	Complete key surveying and key data collection (collect infrastructure data for system-wide hydraulic model) [this is not CD Milestone].	3/15/16	3/15/16	NA	100		3/15										
404	Complete Calibrated Dry Weather Flow Modeling for 3 Basins	3/4/16	3/4/16	12/31/16	100		3/4										
405	Hydraulic Modeling Program: Complete sewershed models and integrate basin-wide models including documentation	8/31/16	8/31/16	12/31/17	90									8/31			
407	<b>Snapfinger Basin Peak Flow Model</b>	6/12/14	8/31/16	NA	93												8/31
435	Prepare Final Peak Flow Model Report	5/2/16	8/31/16	NA													8/31
436	<b>Polebridge Basin Peak Flow Model</b>	7/17/14	7/29/16	NA	93												7/29
464	Prepare Final Peak Flow Model Report	3/30/16	7/29/16	NA													7/29
465	<b>Intergovernmental Basin Peak Flow Model</b>	7/17/14	7/29/16	NA													7/29
466	<b>Nancy Creek Sewershed</b>	7/17/14	7/29/16	NA	93												7/29
494	Prepare Final Peak Flow Model Report	4/1/16	7/29/16	NA													7/29
495	<b>South Fork Peachtree Ck / Pevine Ck Sewersheds</b>	7/17/14	7/29/16	NA	93												7/29
523	Prepare Final Peak Flow Model Report	7/1/16	7/29/16	NA													7/29
524	<b>North Fork Peachtree Creek Sewershed</b>	7/17/14	7/29/16	NA	93												7/29
552	Prepare Final Peak Flow Model Report	5/9/16	7/29/16	NA													7/29
553	<b>Misc Sewersheds Intergovernmental Basin</b>	7/17/14	7/29/16	NA	91												7/29
581	Prepare Final Peak Flow Model Report for (Marsh, Lucky Shoals, Ball Mill, Northeast and Camp Creeks)	6/1/16	7/29/16	NA													7/29
585	<b>Priority Areas Sewer Assessment &amp; Rehab (PASARP)</b>	5/1/14	6/30/21	NA													
651	<b>Design / Build Contracts Procurements</b>	10/15/15	12/30/16	NA													
656	Purchasing & Contracting Issues Request for Proposals	9/1/16	9/1/16	NA	0									9/1			
667	Procurement and Contracting Issuance NTP	11/16/16	12/30/16	NA	0												
668	<b>PASARP - Sewer Group 1</b>	2/13/15	12/31/20	NA													

DeKalb County Department of Watershed Management						Master Schedule Semi-Annual Report											
ID	Task Name	Start	Finish	CD/CMOM Date	% Complete	2016											
						J	F	M	A	M	J	J	A	S	O	N	D
684	<b>Assessments - Sewer Group 1 - MME</b>	12/30/15	12/29/17	NA													
687	Project Kick-off Meeting	1/12/16	1/12/16	NA	100	1/12											
700	Scheduled Tiered Assessment to Substantial Completion	1/19/16	8/31/17	NA	24	=====											
703	<b>Rehab Recommendations - Sewer Group 1 Package 1</b>	1/19/16	10/31/16	NA	15	=====											
708	<b>Rehab Recommendations - Sewer Group 1 Package 2</b>	9/1/16	12/26/16	NA	0												
753	<b>PASARP - Sewer Group 2</b>	2/13/15	12/31/20	NA													
769	<b>Assessments - Sewer Group 2 - Camken Consulting</b>	12/30/15	12/29/17	NA													
772	Project Kick-off Meeting	1/13/16	1/13/16	NA	100	1/13											
800	Scheduled Tiered Assessment to Substantial Completion	1/19/16	8/31/17	NA	21	=====											
803	<b>Rehab Recommendations - Sewer Group 2 Package 1</b>	1/19/16	10/31/16	NA	15	=====											
808	<b>Rehab Recommendations - Sewer Group 2 Package 2</b>	9/1/16	12/26/16	NA	0												
853	<b>PASARP - Sewer Group 3</b>	2/13/15	12/31/20	NA													
869	<b>Assessments - Sewer Group 3 - Woolpert</b>	12/30/15	12/29/17	NA													
872	Project Kick-off Meeting	1/14/16	1/14/16	NA	100	1/14											
897	Scheduled Tiered Assessment to Substantial Completion	1/29/16	8/31/17	NA	30	=====											
900	<b>Rehab Recommendations - Sewer Group 3 Package 1</b>	1/29/16	10/31/16	NA	15	=====											
905	<b>Rehab Recommendations - Sewer Group 3 Package 2</b>	9/1/16	12/26/16	NA	0												
950	<b>General Area &amp; SSO Escalation Projects (OSARP)</b>	11/1/14	6/24/21	NA													
954	<b>Assessments</b>	11/1/14	6/22/20	NA													
955	<b>General Area Manhole Condition Assessments</b>	11/1/14	3/1/17	NA													
992	Field Assessments	9/4/15	12/30/16	NA	43	=====											
996	<b>General Area CCTV Assessments</b>	11/1/14	4/26/17	NA													
1033	Field Assessments	8/11/15	2/28/17	NA	45	=====											
1037	Prioritize and Package Structural Rehabilitation for Design	10/23/15	12/30/16	NA	10	=====											
1038	<b>SSO Escalation Assessments by WO (Work Order)</b>	9/4/15	6/22/20	NA													
1043	<b>EPA Priority Escalation Assessments</b>	3/16/16	9/30/16	NA													
1044	<b>PASARP Areas (6 WO's: 5 Open, 1 Complete)</b>	3/16/16	9/30/16	NA													
1045	EPA02 - 2312 Clairmont Rd	4/29/16	9/30/16	NA	1												9/30
1046	EPA04 - 41 - 1576 Nantahalla Court	4/4/16	4/4/16	NA	100	4/4											
1047	EPA06 -02 - Burnt Creek Rd	4/11/16	7/29/16	NA	25	=====											7/29
1048	EPA07 - (redefined and combined with project EPA08) - deleted	3/16/16	3/16/16	NA	100	3/16											
1049	EPA08 - 44 - 608 S McDonough St/101 Green St	4/29/16	8/12/16	NA	75	=====											8/12
1050	EPA09 - 4154 Redan Rd	4/22/16	7/29/16	NA	80	=====											7/29
1051	EPA10 - 49 - 161 Hood Circle	3/16/16	7/29/16	NA	80	=====											7/29
1052	<b>OSARP Areas (3 WO's: 3 Open, 0 Complete)</b>	4/22/16	8/31/16	NA													
1053	EPA01 - 215 Beaumont Ave	4/29/16	8/31/16	NA	30	=====											8/31
1054	EPA03 - 08 - 3924 Roman Court	4/22/16	7/29/16	NA	80	=====											7/29
1055	EPA05 - 3597 Sunderland Circle	4/29/16	8/31/16	NA	30	=====											8/31
1056	<b>Work Plans for EPA Priority Escalation Projects</b>	8/15/16	8/15/16	NA													8/15
1057	Submit Work Plan to EPA for EPA01 - 215 Beaumont Ave	8/15/16	8/15/16	NA	0												8/15
1058	Submit Work Plan to EPA for EPA02 - 2312 Clairmont Rd	8/15/16	8/15/16	NA	0												8/15
1059	Submit Work Plan to EPA for EPA03 - 08 - 3924 Roman Court	8/15/16	8/15/16	NA	0												8/15
1060	Submit Work Plan to EPA for EPA04 - 41 - 1576 Nantahalla Court	8/15/16	8/15/16	NA	0												8/15
1061	Submit Work Plan to EPA for EPA05 - 3597 Sunderland Circle	8/15/16	8/15/16	NA	0												8/15
1062	Submit Work Plan to EPA for EPA06 -02 - Burnt Creek Rd	8/15/16	8/15/16	NA	0												8/15



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						J	F	M	A	M	J	J	A	S	D	N	D	
1063	Submit Work Plan to EPA for EPA08 - 44 - 608 S McDonough St/101 Green St	8/15/16	8/15/16	NA	0												8/15	
1064	Submit Work Plan to EPA for EPA09 - 4154 Rodan Rd	8/15/16	8/15/16	NA	0												8/15	
1065	Submit Work Plan to EPA for EPA10 - 49 - 161 Hood Circle	8/15/16	8/15/16	NA	0												8/15	
1066	<b>PASARP Escalation Assessments (17 WO's: 17 Open, 0 Complete)</b>	4/4/16	12/30/16	NA														
1084	<b>OSARP Escalation Assessments (27 WO's: 24 Open, 3 Complete)</b>	3/16/16	12/30/16	NA														
1112	<b>Development of Rehab Recommendations for Design</b>	3/16/16	12/30/16	NA														
1115	Prioritize and Package Structural Rehabilitation for Design	3/16/16	12/30/16	NA	15													
1463	<b>CIP Rehab/Construction Projects</b>	10/10/14	3/29/19	NA														
1508	<b>2015 Consent Date</b>	10/10/14	9/3/17	NA														
1509	<b>Caladium Drive (D/B)</b>	2/13/15	9/3/17	NA	3													
1514	Score and Issue Rehabilitation Recommendation	12/28/15	7/29/16	NA	75												7/29	
1516	Procurement and Contracting Issuance NTP	8/31/16	12/30/16	NA	0													
1767	<b>2016 Consent Date</b>	4/3/15	11/23/18	NA														
1768	<b>Columbia Drive LS (D/B)</b>	4/3/15	3/31/17	NA	15													
1792	Procurement and Contracting Issuance NTP	4/20/16	4/29/16	NA	100													
1797	Substantial Completion	12/19/16	12/19/16	12/31/16	0												12/19	
1804	<b>Honey Creek LS ** (D/B)</b>	10/15/15	3/31/18	NA	14													
1806	ITB Issued to Procurement and Contracting	3/1/16	3/9/16	NA	100													
1819	Procurement and Contracting Issuance NTP	7/13/16	7/26/16	NA	0													
1824	Design Completion	12/31/16	12/31/16	12/31/16	0												12/31	
1832	<b>Stonecrest LS (new) (D/B)</b>	1/11/16	4/4/17	NA	23													
1834	ITB Issued to Procurement and Contracting	1/11/16	1/15/16	NA	100													
1847	Procurement and Contracting Issuance NTP	4/13/16	4/29/16	NA	100													
1852	Substantial Completion	12/31/16	12/31/16	12/31/16	0												12/31	
1859	<b>Lithonia I LS Demo (D/B)</b>	1/11/16	4/4/17	NA	23													
1861	ITB Issued to Procurement and Contracting	1/11/16	1/15/16	NA	100													
1874	Procurement and Contracting Issuance NTP	4/27/16	4/29/16	NA	100													
1879	Substantial Completion	12/31/16	12/31/16	12/31/16	0												12/31	
1886	<b>Lithonia II LS Demo (D/B)</b>	1/11/16	4/4/17	NA	23													
1888	ITB Issued to Procurement and Contracting	1/11/16	1/15/16	NA	100													
1901	Procurement and Contracting Issuance NTP	4/27/16	4/29/16	NA	100													
1906	Substantial Completion	12/31/16	12/31/16	12/31/16	0												12/31	
1913	<b>Leeshire LS ** (D/B/B)</b>	2/17/16	11/23/18	NA	3													
1918	Design Completion	12/23/16	12/23/16	12/31/16	0												12/23	
1977	<b>2017 Consent Date</b>	2/16/16	1/30/18	NA														
2041	<b>Royal Atlanta III LS (D/B)</b>	2/16/16	1/30/18	NA	8													
2045	ITB Issued to Procurement and Contracting	9/1/16	9/8/16	NA	0												9/8	
2058	Procurement and Contracting Issuance NTP	12/14/16	12/28/16	NA	0													
2068	<b>Johnson Creek LS (D/B)</b>	4/14/16	1/30/18	NA	14													
2070	ITB Issued to Procurement and Contracting	4/14/16	4/20/16	NA	100													
2083	Procurement and Contracting Issuance NTP	7/20/16	8/30/16	NA	0												8/30	
2221	<b>2018 Consent Date</b>	10/15/15	9/12/18	NA														
2222	<b>Lewis Way LS (D/B)</b>	10/15/15	6/30/18	NA	11													
2224	ITB Issued to Procurement and Contracting	7/1/16	7/8/16	NA	0												7/8	
2237	Procurement and Contracting Issuance NTP	10/12/16	10/25/16	NA	0												10/25	

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2312	<b>IBS / Oakcliff Rd (D/B/B)</b>	5/31/16	12/27/17	NA	11																		
2352	ITB Issued to Procurement and Contracting	10/31/16	11/4/16	NA	0																		
2375	<b>Stone Mill I LS (D/B)</b>	1/11/16	6/30/17	NA	11																		
2377	ITB Issued to Procurement and Contracting	7/5/16	7/11/16	NA	0																		
2390	Procurement and Contracting Issuance NTP	10/12/16	10/25/16	NA	0																		
2402	<b>Stone Mill II LS (D/B)</b>	1/11/16	6/30/17	NA	11																		
2404	ITB Issued to Procurement and Contracting	7/5/16	7/11/16	NA	0																		
2417	Procurement and Contracting Issuance NTP	10/12/16	10/25/16	NA	0																		
2429	<b>Camp Creek LS (D/B)</b>	2/17/16	6/30/17	NA	11																		
2431	ITB Issued to Procurement and Contracting	7/5/16	7/11/16	NA	0																		
2444	Procurement and Contracting Issuance NTP	10/12/16	10/25/16	NA	0																		
2456	<b>Pennybrook LS (D/B)</b>	2/17/16	6/30/17	NA	11																		
2458	ITB Issued to Procurement and Contracting	7/5/16	7/11/16	NA	0																		
2471	Procurement and Contracting Issuance NTP	10/12/16	10/25/16	NA	0																		
2483	<b>Fourth St LS (D/B)</b>	2/17/16	6/30/17	NA	11																		
2485	ITB Issued to Procurement and Contracting	7/5/16	7/11/16	NA	0																		
2498	Procurement and Contracting Issuance NTP	10/12/16	10/25/16	NA	0																		
2510	<b>2019 Consent Date</b>	2/17/16	1/24/19	NA																			
2574	<b>Kings Way LS (D/B)</b>	4/6/16	7/30/17	NA	5																		
2576	ITB Issued to Procurement and Contracting	4/6/16	4/12/16	NA	100																		
2589	Procurement and Contracting Issuance NTP	7/20/16	7/27/16	NA	0																		
2841	<b>Task #05 O&amp;M Programs</b>	4/7/14	4/4/18	NA																			
2842	<b>Contingency and Emergency Response Plan (CERP)</b>	5/27/14	12/30/16	NA																			
2847	NASSCO Pipe Training of Inspection Staff	2/16/16	2/17/16	NA	100																		
2848	SSO Investigation Teams Retraining	6/28/16	7/12/16	NA	90																		
2849	Contractor CERP Training	7/12/16	7/12/16	NA	0																		
2850	CERP Retraining of DWM Staff	3/29/16	8/31/16	NA	92																		
2851	Expansion of Public Training Program by DWM	3/29/16	12/26/16	NA	0																		
2854	<b>FOG</b>	5/1/14	12/29/17	NA																			
2865	Ongoing 2016 FOG (Sponsored 5 Public Outreach Events)	1/4/16	12/30/16	NA	50																		
2866	Implement and Perform Annual Survey - 2016	12/30/16	12/30/16	12/31/16	0																		
2868	<b>Collection and Transmission System Training Program</b>	4/7/14	3/13/18	NA																			
2879	DWM Recommitment to Development of Training Program	5/2/16	5/2/16	NA	100																		
2880	Update Collection & Transmission Training Program Submittal	5/2/16	10/31/16	NA	0																		
2891	<b>Financial Analysis</b>	5/7/14	12/30/16	NA																			
2902	Manually Tracking Spending in Defined Program Categories	11/9/15	12/30/16	NA	50																		
2903	Complete integration of CMMIS and GIS [Cityworks Implementation]	12/30/16	12/30/16	12/31/16	0																		
2904	<b>Maintenance Management System (MMS)</b>	4/7/14	4/4/18	NA																			
2915	<b>Lift Stations, Force Mains, and Appurtenances Maintenance Program Enhancements [LS Enhancements]</b>	10/15/14	4/4/18	NA																			
2918	<b>Force Main Performance Testing. [LS Enhancements 4]</b>	11/3/14	12/29/17	NA	50																		
2945	Force Main Performance Testing 2016 Completion	12/30/16	12/30/16	12/31/16	0																		
2948	<b>Develop Electrical Ground Testing Procedure. [LS Enhancements 5]</b>	12/20/15	12/29/17	NA	25																		
2950	Apply Electrical Ground Testing Procedure 2016	1/4/16	12/30/16	12/31/16	0																		
2963	<b>Gravity System Maintenance Program Enhancements [Grav Enhancements]</b>	4/7/14	12/29/17	NA																			
2969	<b>Assess the Condition of Assets [Grav Enhancements 2]</b>	6/1/15	1/25/17	NA	50																		



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						J	F	M	A	M	J	J	A	S	O	N	D
2974	Assess the Condition of Assets 2016 Completion	12/30/16	12/30/16	12/31/16	0												12/30
2977	Establish Overall Target [Gray Enhancements 3]	7/3/15	11/28/17	NA	25												
2981	System Cleaning 2016 Completion	11/30/16	11/30/16	12/31/16	0											11/30	
2984	Input Repair and Maintenance Data [Gray Enhancements 4]	4/7/14	12/29/17	NA	50												
2990	Input Repair and Maintenance Data 2016 Completion	12/30/16	12/30/16	12/31/16	0												12/30
2993	Establish Priorities and Schedule for Easement Inspections & Clearing [Gray Enhancements 5]	11/7/14	3/29/17	NA	50												
3002	Establish Priorities and Schedule for Easement Inspections & Clearing 2016 Completed	12/21/16	12/21/16	12/31/16	0												12/21
3004	Inventory Management Program Enhancements [Inv Man Enhancements]	7/24/14	12/30/16	NA													
3021	Develop Plan to Configure Re-Order Automation Process [Inv Man Enhancements 4]	10/1/15	12/30/16	NA	30												
3026	Develop Plan to Configure Re-Order Automation Process Completion	12/30/16	12/30/16	12/31/16	0												12/30
3029	Information Management Program Planned Enhancements [Info Man Enhancements]	10/3/14	12/29/17	NA													
3036	Improve the Quality of Addresses Used for Service Requests and Work Orders [Info Man Enhancements 2] - supplanted by Cityworks	1/2/15	12/28/16	NA	50												
3041	Improve the Quality of Addresses Used for Service Requests and Work Orders Completion	12/28/16	12/28/16	12/31/16	0												12/28
3045	Integrate Work Orders for Gravity System Maintenance [Info Man Enhancements 4]	7/1/15	1/13/17	NA	40												
3255	Integrate Work Orders for Gravity System Maintenance Completion	12/28/16	12/28/16	12/31/16	0												12/28
3257	Implement Mobile Work Order Solution [Info Man Enhancement 5]	4/1/16	12/29/17	NA	5												
3258	Mobile Work Order Solution Started	4/1/16	4/1/16	12/31/16	100												
3261	Communication System Enhancements [Com Enhancements]	5/7/14	12/29/17	NA													
3273	Deploy Mobile Work Order Management Devices for Field Staff [Com Enhancement 3]	4/1/16	12/29/17	NA	5												
3274	Begin Deploying Mobile Work Order Management Devices for Field Staff 2016 Started	4/1/16	4/1/16	12/31/16	100												
3512																	
3513	Acronyms :																
3514	CCTV - Closed-circuit Television																
3515	CD - Consent Decree																
3516	CERP - Contingency and Emergency Response Plan																
3517	CIP - Capital Improvement Program																
3518	CMMS - Computerized Maintenance Management System																
3519	CMOM - Capacity, Management, Operations, and Maintenance																
3520	CW - Cityworks Software																
3521	D/B - Design/Build																
3522	D/B/B - Design/Bid/Build																
3523	DWM - Department of Watershed Management																
3524	EPA - US Environmental Protection Agency																
3525	FOG - Fats, Oils & Grease																
3526	GIS - Geographic Information System																
3527	ITB - Invitation to Bid																
3528	LS - Lift Station																
3529	MMS - Maintenance Management System																

