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# Semi-Annual Report #2

July 1, 2012 to December 31, 2012

Civil Action No. 1:10cv4039 - WSD

## DeKalb County Department of Watershed Management



January 30, 2013

# Table of Contents

INTRODUCTION .....	3
EXECUTIVE SUMMARY.....	3
CAPACITY, MANAGEMENT, OPERATIONS AND MAINTENANCE (CMOM) PROGRAMS DEVELOPMENT, DOCUMENTATION AND APPROVAL .....	4
1. CONTINGENCY AND EMERGENCY RESPONSE PLAN – CERP (CD VI.B.I) .....	4
2. FATS, OILS, AND GREASE (FOG) MANAGEMENT PROGRAM (CD VI.B.II) .....	4
3. SEWER MAPPING PROGRAM (CD VI.B.III) .....	4
4. MAINTENANCE MANAGEMENT SYSTEM PROGRAM (CD VI.B.IV) .....	5
5. COLLECTION AND TRANSMISSION SYSTEMS TRAINING PROGRAM (CD VI.B.V).....	5
6. SYSTEM-WIDE FLOW AND RAINFALL MONITORING PROGRAM (CD VI.B.VI) .....	5
7. SYSTEM-WIDE HYDRAULIC MODEL (CD VI.B.VII) .....	6
8. FINANCIAL ANALYSIS PROGRAM (CD VI.B.VIII) .....	6
9. INFRASTRUCTURE ACQUISITIONS PROGRAM (CD VI.B.IX).....	6
10. PRIORITY AREAS SEWER ASSESSMENT AND REHABILITATION PROGRAM (CD VI.B.X).....	7
SUPPLEMENTAL ENVIRONMENTAL PROJECT (CD VIII.).....	7

## **Semi-Annual Report 2 – July 1, 2012 to December 31, 2012**

### **Introduction**

The Department of Watershed Management (DWM) submits this second Semi-Annual Report in accordance with Section IX, Paragraph 57 of the Consent Decree (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.”

### **Executive Summary**

There were no missed deadlines under the Consent Decree (CD) within this reporting period.

In overview, DWM developed, documented and submitted the following CD deliverables for review, comment and approval to EPA/EPD during the second half of 2012 as follows. All submittals were on, or ahead of Consent Decree schedule.

7/24/2012	2 <sup>nd</sup> Quarterly Report
7/30/2012	1 <sup>st</sup> Semi-Annual Report
9/10/2012	<i>“Wastewater Collection and Transmission Systems (WCTS) Training Program”</i>
10/11/2012	3 <sup>rd</sup> Quarterly Report
12/7/2012	<i>“System-Wide Flow and Rainfall Monitoring Program”</i>
12/7/2012	<i>“System-Wide Hydraulic Model Program”</i>
12/20/2012	<i>“Priority Area Sewer Assessment and Rehabilitation Program (PASARP)”</i>
12/20/2012	<i>“Supplemental Environmental Project (SEP) Stream Clean-Up Plan”</i>

Within the period from January 1, 2013 to June 30, 2013 the County will submit to EPA/EPD the following:

1/30/2013	4 <sup>th</sup> Quarterly Report
1/30/2013	This 2 <sup>nd</sup> Semi-Annual Report
3/1/2013	1 <sup>st</sup> Annual Report
3/20/2013	<i>“Fats, Oils and Grease (FOG) Management Program”</i>
4/30/2013	5 <sup>th</sup> Quarterly Report

# Capacity, Management, Operations and Maintenance (CMOM) Programs Development, Documentation and Approval

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

### Projects and Significant Activities Completed During Current Reporting Period

- 9/11/2012 – Received comments from EPA/EPD on the “CERP” submitted on 5/15/2012
- 12/18/2012 – Submitted the revised “CERP” for approval by EPA/EPD
- Responded to and investigated 64 spills, 15 building backups, and 48 overflows
- Performance Tracking – Average response time from call to spill stop is 2 hours for this period
- Continued and added engineering studies and system improvement projects as a result of investigations as noted:
  - Relining requests – 6
  - CCTV area investigations – 2
  - Studies – 4
  - Repairs made from study – 2
  - Upgrade line size – 1
  - Replace line – 1
  - Find and Fix – 1
  - Force main replacement – 1
- 

### Anticipated Projects and Activities Next Reporting Period

- Receive approval of the revised “CERP” from EPA/EPD
- Complete biannual CERP training for selected DWM staff as needed
- Complete Spill Assessment Summaries for the annual report and continue the monthly and quarterly evaluations

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

### Projects and Significant Activities Completed During Current Reporting Period

- Re-evaluated the current FOG management program

### Anticipated Projects and Activities Next Reporting Period

- 3/20/2013 - Submit the “FOG Management Program” to EPA/EPD for review and comment

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

### Projects and Significant Activities Completed During Current Reporting Period

- 9/10/2012 – Received comments from EPA/EPD on the “*Sewer Mapping Program*” submitted on 5/15/2012
- 12/5/2012 – Submitted the revised “*Sewer Mapping Program*” for approval by EPA/EPD

#### **Anticipated Projects and Activities Next Reporting Period**

- Receive approval of the revised “*Sewer Mapping Program*” from EPA/EPD
- Mapping of three sewersheds (Lower Snapfinger, South Fork Peachtree Creek, and Nancy Creek)
- Begin the development of a mobile mapping solutions plan
- Begin the InfoNet™ database
- Add location of alarms for lift stations in InfoNet™ and Geographical Information System (GIS)
- Complete the import of asset identification numbers into the Computerized Maintenance Management System (CMMS) database and activate the GIS feature of CMMS

### **4. Maintenance Management System Program (CD VI.B.iv)**

#### **Projects and Significant Activities Completed During Current Reporting Period**

- Not applicable

#### **Anticipated Projects and Activities Next Reporting Period**

- Continue development of computerized interface between CMMS and GIS

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

#### **Projects and Significant Activities Completed During Current Reporting Period**

- 9/10/2012 – Submitted the “*Collection and Transmission Systems Training Program*” to EPA/EPD for review and comment
- Conducted training on 19 subjects for 484 attendees totaling 6,640 training hours

#### **Anticipated Projects and Activities Next Reporting Period**

- Receive approval of the “*Collection and Transmission Systems Training Program*” from EPA/EPD
- Conduct the Initial Priority Training (including CERP, enhanced equipment operations training, and reporting requirements training)
- Begin Year 1 of the Long-Term Training Schedule
- Organize staffing and program management by determining the Training Program Knowledge Retention Officer and selecting course offerings and frequency for the year based on Infrastructure Career Development Plans

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

#### **Projects and Significant Activities Completed During Current Reporting Period**

- Re-evaluated the current system-wide flow and rainfall monitoring program
- 12/7/2012 – Submitted the “*System-Wide Flow and Rainfall Monitoring Program*” to EPA/EPD for review and comment

#### **Anticipated Projects and Activities Next Reporting Period**

- Receive approval of the “*System-Wide Flow and Rainfall Monitoring Program*” from EPA/EPD

### **7. System-Wide Hydraulic Model (CD VI.B.vii)**

#### **Projects and Significant Activities Completed During Current Reporting Period**

- 12/7/2012 – Submitted the “*System-Wide Hydraulic Model Program*” to EPA/EPD for review and comment

#### **Anticipated Projects and Activities Next Reporting Period**

- Receive approval of the “*System-Wide Hydraulic Model Program*” from EPA/EPD

### **8. Financial Analysis Program (CD VI.B.viii)**

#### **Projects and Significant Activities Completed During Current Reporting Period**

- 9/10/2012 – Received comments on the “*Financial Analysis Program*” from EPA/EPD
- 12/20/2012 – Submitted the revised “*Financial Analysis Program*” for approval by EPA/EPD

#### **Anticipated Projects and Activities Next Reporting Period**

- Receive approval of the revised “*Financial Analysis Program*” from EPA/EPD

### **9. Infrastructure Acquisitions Program (CD VI.B.ix)**

#### **Projects and Significant Activities Completed During Current Reporting Period**

- 9/10/2012 – Received comments from EPA/EPD on “*Infrastructure Acquisitions Program*”
- 12/20/2012 – Submitted the revised “*Infrastructure Acquisitions Program*” for approval by EPA/EPD

#### **Anticipated Projects and Activities Next Reporting Period**

- Receive approval of the revised “*Infrastructure Acquisitions Program*”

## **10. Priority Areas Sewer Assessment and Rehabilitation Program (CD VI.B.x)**

### **Projects and Significant Activities Completed During Current Reporting Period**

- 12/20/2012 – Submitted the “*Priority Areas Assessment and Rehabilitation Program*” to EPA/EPD for review and comment

### **Anticipated Projects and Activities Next Reporting Period**

- Receive approval of the “*Priority Areas Assessment and Rehabilitation Program*” from EPA/EPD

## **Supplemental Environmental Project (CD VIII.)**

### **Projects and Significant Activities Completed During Current Reporting Period**

- 2/20/2012 – Submitted the “*Supplemental Environmental Project*” to EPA/EPD for review and comment

### **Anticipated Projects and Activities Next Reporting Period**

- Receive approval of the “*Supplemental Environmental Project*” from EPA/EPD