



## Introduction

On March 12, 2009, the Metropolitan Government of Nashville and Davidson County, Tennessee (Metro) entered into a Consent Decree with the United States and the State of Tennessee. To fulfill the reporting requirements as required by Section XIX.A., of the Consent Decree, Metro has prepared the enclosed Quarterly Progress Report.

As required by the Consent Decree, the report includes the following information:

1. A description of the Work completed during the reporting period,
2. Quarterly Overflow Report,
3. The planned Work for the upcoming quarter.

Work is defined as all activities Metro is required to perform under the Consent Decree and for the purposes of this Quarterly Progress Report includes the following:

1. Remedial measures for Sanitary Sewer Overflows (SSOs)
  - a. Corrective Action Plan/Engineering Report (CAP/ER) for SSOs
2. Capacity, Management, Operations and Maintenance (CMOM) programs
  - a. Spill and Overflow Response Plan (SORP)
  - b. Inter-Jurisdictional Agreement Program
  - c. Capacity Assurance Plan
  - d. Pump Station Operation Plan for Power Outages
3. Remedial Measures for Combined Sewer Overflows (CSOs)
  - a. Nine Minimum Controls (NMC) Compliance Plan
  - b. Long Term Control Plan (LTCP)
4. Supplemental Environmental Project (SEP)

The Quarterly Overflow Report includes the information required by the Consent Decree (date, location, duration, volume, cause of each overflow, indication of permitted overflow and indication if cause was a building backup). Both SSOs and dry weather CSOs are required for the report; however, Metro did not experience dry weather CSOs during this reporting period.

In addition to the information required by the Consent Decree, the report also includes a status summary of all Design/Construction Projects required by the Consent Decree and continuation projects from the current Overflow Abatement Program (OAP) program.

This is the third Quarterly Progress Report required under the Consent Decree. The report covers the period from October 1, 2009, through December 31, 2009.

The first Quarterly Progress Report covering the period from March 12, 2009, through June 30, 2009, was publicized in the Public Document Repository (PDR) on July 28, 2009.

The second Quarterly Progress Report covering the period from July 1, 2009, through September 30, 2009, was publicized in the PDR on October 29, 2009.

# Section 1

## Summary of Work Completed During the Reporting Period

### Remedial Measures for SSOs

#### CAP/ER

**Progress this quarter:** During the reporting period Metro has continued to make progress toward completing the CAP/ER for the separate sewer system (SSS). The refinement of the computer models of the SSS continues, with work in each of the treatment plant service areas progressing simultaneously, but on different time lines. Workshops to brainstorm potential alternatives to address capacity-related SSOs in the Whites Creek, Dry Creek, and Central service areas continued during this period. From these workshops, the viable alternatives will be further investigated and budgetary cost estimates prepared.

The first teleconference progress meeting between Metro, EPA and TDEC for coordination and communication occurred on October 29, 2009.

**Consent Decree Completion Date:** March 12, 2011

### CMOM Programs

#### Specific CMOM Program Development

##### SORP

**Progress this quarter:** Changes included in the revised SORP that was approved on August 18, 2009, have been implemented.

**Consent Decree Completion Date:** Prior to June 1 each year if revisions are necessary or modifications are desired to be considered.

**Original Submittal Completion Date:** May 4, 2007

**1<sup>st</sup> Revision Completion Date:** May 27, 2009

**1<sup>st</sup> Revision PDR Publication Date:** May 27, 2009

**1<sup>st</sup> Revision Approval Date:** August 18, 2009

## **Inter-Jurisdictional Agreement Program**

**Progress this quarter:** Three of six wholesale agreement contracts have been negotiated. Two have received all required approvals including the approval of the Metropolitan Davidson County Council; one is awaiting Council approval.

**Consent Decree Completion Date:** September 12, 2009

**TDEC/EPA Submittal Date:** September 4, 2009

**PDR Publication Date:** September 4, 2009

## **Capacity Assurance Program**

**Progress this quarter:** The new Capacity Assurance Plan has been implemented since the Consent Decree has been entered and continues to be applied as a tool to track flows from new and existing customers to the SSS.

## **Pump Station Operation Plan for Power Outages**

**Progress this quarter:** The Pump Station Operation Plan was submitted to TDEC/EPA on December 8, 2009. As of December 31, 2009, 19 stationary backup generators have been installed.

**Consent Decree Completion Date:** December 12, 2009

**TDEC/EPA Submittal Date:** December 8, 2009

**PDR Publication Date:** December 8, 2009

## **Remedial Measures for Combined Sewer Overflows**

### **NMC Compliance Plan**

**Progress this quarter:** The consulting engineers for this project held meetings with Metro System Services staff and have identified solids and floatable controls appropriate to the challenges of each remaining outfall site.

**Consent Decree Completion Date:** September 12, 2009

**TDEC/EPA Submittal Date:** September 4, 2009

**PDR Publication Date:** September 4, 2009

## **LTCP**

**Progress this quarter:** Data gathering for a Water Quality Model of the Cumberland River has been completed. This model, made necessary by the Demonstrative Approach outlined in EPA's guidance documents, will be used to ascertain the impacts of any permitted overflows from the CSS during wet weather and the potential impacts to the water quality of the Cumberland River from modifications to the CSS. Construction of a computer flow simulation model for the CSS is complete. The first of several meetings to commence brainstorming alternatives occurred on December 21, 2009.

The initial public participation kickoff meeting was held on October 22, 2009 and included the members of the Citizen's Advisory Committee (CAC). Members of the CAC participated in tours of the CSO overflow points on November 18<sup>th</sup> and 19<sup>th</sup>, 2009, to increase their knowledge of the combined system.

**Consent Decree Completion Date:** March 12, 2011

## **SEP**

**Progress this quarter:** The Sanitarium Road SEP has been completed. A total of 2,493 LF of 8" sewer was installed.

The Brandywine SEP is 88% complete. A total of 5,149 LF of 4", 13,079 LF of 3", 8,426 LF of 2" and 2,520 LF of 1 1/2" pressure sewer has been installed.

A separate semi-annual report detailing the status of the SEPs is concurrently being submitted to EPA and TDEC with this Quarterly Report.

**Consent Decree Completion Date:** December 31, 2010

## Section 2 – SSOs and Dry Weather CSOs

Quarterly Overflow Report								
October 1, 2009 through December 31, 2009								
Event Start Date	Event End Date	Duration (hours)	Overflow Volume (MG)	Overflow Cause	Location Manhole ID	Location	Unpermitted Discharge	Building Backup
01-Oct-09	01-Oct-09	1.50	0.00004	Blockage	04315046	820 Old Hickory Blvd.	No	No
02-Oct-09	02-Oct-09	1.00	0.00003	Blockage	14814096	4702 Packard Dr.	No	No
03-Oct-09	03-Oct-09	1.50	0.00005	Blockage	04312026	218 Rio Vista Dr.	Yes	No
03-Oct-09	03-Oct-09	1.00	0.00004	Blockage	12005053	412 McDonald Dr.	Yes	No
05-Oct-09	05-Oct-09	1.00	0.00002	Blockage	09208055	1413 Charlotte Ave.	No	No
07-Oct-09	07-Oct-09	1.00	0.00003	Blockage	11612075	228 Burlington Pl.	Yes	No
12-Oct-09	12-Oct-09	1.00	0.00002	Blockage	10306039	5604 Stoneway Trail	Yes	No
15-Oct-09	16-Oct-09	16.00	0.1	Rainfall	09510050	501 Bismark Dr.	Yes	No
15-Oct-09	15-Oct-09	1.50	0.00004	Rainfall	09308041	899 S. 6th St.	Yes	No
15-Oct-09	16-Oct-09	20.42	3.077	Rainfall	06915003	Whites Creek SPS	Yes	No
15-Oct-09	15-Oct-09	2.00	0.028	Rainfall	10210012	Davidson Branch SPS	Yes	No
15-Oct-09	15-Oct-09	1.75	0.036	Rainfall	09409003	Browns Creek SPS / Visco Drive	Yes	No
15-Oct-09	15-Oct-09	0.20	0.002	Rainfall	06201001	Holiday Travel Park SPS	Yes	No
15-Oct-09	15-Oct-09	8.30	0.02	Rainfall	01416001	Joelton SPS	Yes	No
15-Oct-09	15-Oct-09	4.42	0.113	Rainfall	09011002	516 Basswood Ave.	Yes	No
15-Oct-09	16-Oct-09	17.92	3.025	Rainfall	08410007	149 Barker Rd.	Yes	No
15-Oct-09	15-Oct-09	3.92	0.04	Rainfall	07114041	Cowan St. SPS	Yes	No
15-Oct-09	15-Oct-09	4.00	0.1	Rainfall	09001005	6601 Centennial Blvd.	Yes	No
16-Oct-09	16-Oct-09	2.00	0.00007	Blockage	11612075	228 Burlington Pl.	No	No
18-Oct-09	18-Oct-09	1.00	0.00005	Blockage	13408036	436 Ezell Pk.	No	Yes
18-Oct-09	18-Oct-09	1.50	0.00005	Blockage	14808058	134 Volcano Ct.	Yes	No
23-Oct-09	23-Oct-09	1.00	0.00002	Blockage	08309028	1410 Woodland St.	No	No
28-Oct-09	28-Oct-09	1.00	0.00002	Blockage	08006006	3308 Olsen Ln.	No	Yes
30-Oct-09	02-Nov-09	65.97	0.2	Rainfall	06201001	Holiday Travel Park SPS	Yes	No
30-Oct-09	31-Oct-09	16.40	0.05	Rainfall	01416001	Joelton SPS	Yes	No
31-Oct-09	31-Oct-09	10.00	0.0001	Rainfall	10616031	416 Hollydale Dr	No	No
31-Oct-09	31-Oct-09	13.00	0.409	Rainfall	09510050	501 Bismark Dr.	Yes	No

## Quarterly Overflow Report (continued from previous page)

**October 1, 2009 through December 31, 2009**

Event Start Date	Event End Date	Duration (hours)	Overflow Volume (MG)	Overflow Cause	Location Manhole ID	Location	Unpermitted Discharge	Building Backup
31-Oct-09	31-Oct-09	5.75	0.359	Rainfall	03609002	Smith Springs SPS	Yes	No
31-Oct-09	01-Nov-09	25.33	3.896	Rainfall	06915003	Whites Creek SPS	Yes	No
31-Oct-09	31-Oct-09	8.25	0.212	Rainfall	04312004	Vandiver SPS	Yes	No
31-Oct-09	31-Oct-09	2.08	0.192	Rainfall	09105090	West Park SPS	Yes	No
31-Oct-09	31-Oct-09	3.58	0.081	Rainfall	05116016	Loves Branch SPS	Yes	No
31-Oct-09	31-Oct-09	4.42	0.047	Rainfall	10210012	Davidson Branch SPS	Yes	No
31-Oct-09	31-Oct-09	5.00	0.224	Rainfall	06213035	Williamson Ferry SPS	Yes	No
31-Oct-09	31-Oct-09	7.50	0.145	Rainfall	09409003	Browns Creek SPS / Visco Drive	Yes	No
31-Oct-09	31-Oct-09	9.50	0.03	Rainfall	05207007	Berwick Trail SPS	Yes	No
31-Oct-09	31-Oct-09	5.62	0.02	Rainfall	07008061	Riverside Dr. SPS	Yes	No
31-Oct-09	31-Oct-09	2.50	0.041	Rainfall	09104025	28th Avenue SPS / Centennial Blvd.	Yes	No
31-Oct-09	31-Oct-09	10.00	0.03	Rainfall	WLS053A020	Langford Farms SPS	Yes	No
31-Oct-09	31-Oct-09	12.67	0.648	Rainfall	09011002	516 Basswood Ave.	Yes	No
31-Oct-09	01-Nov-09	24.08	5.223	Rainfall	08410007	149 Barker Rd.	Yes	No
31-Oct-09	01-Nov-09	25.75	0.997	Rainfall	07114041	Cowan St. SPS	Yes	No
31-Oct-09	31-Oct-09	11.00	0.1	Rainfall	09004005	6601 Centennial Blvd.	Yes	No
31-Oct-09	31-Oct-09	6.00	0.5	Rainfall	09501047	Lisa Lane	Yes	No
01-Nov-09	01-Nov-09	1.00	0.00002	Blockage	13413095	285 Garry Dr.	No	Yes
02-Nov-09	02-Nov-09	0.50	0.005	Power Surge	08514014	Cloverbottom SPS	Yes	No
03-Nov-09	04-Nov-09	24.00	0.00025	Blockage	11909056	130 Dodge Dr.	Yes	No
03-Nov-09	03-Nov-09	1.00	0.00002	Blockage	13607029	104 Clearlake Dr.	No	No
04-Nov-09	04-Nov-09	1.00	0.00002	Blockage	11709100	2709 Abbott Martin Rd.	No	No
09-Nov-09	09-Nov-09	1.00	0.001	Blockage	08106087	2511 Clarksville Pk.	No	No
09-Nov-09	09-Nov-09	1.00	0.00002	Blockage	16113033	1 Derby Trace	No	No
09-Nov-09	09-Nov-09	1.50	0.00002	Blockage	09308057	901 South 5th St.	No	No
14-Nov-09	14-Nov-09	1.00	0.00005	Blockage	09502019	2200 Lebanon Rd.	No	No
14-Nov-09	14-Nov-09	6.00	0.00005	Blockage	07601036	301 Debbie Dr.	No	No
17-Nov-09	17-Nov-09	2.00	0.00002	Blockage	09310148	300 4th Ave So.	Yes	No

## Quarterly Overflow Report (continued from previous page)

**October 1, 2009 through December 31, 2009**

Event Start Date	Event End Date	Duration (hours)	Overflow Volume (MG)	Overflow Cause	Location Manhole ID	Location	Unpermitted Discharge	Building Backup
19-Nov-09	19-Nov-09	5.00	0.00009	Blockage	14306005	931 Harpeth Trace	No	No
19-Nov-09	19-Nov-09	6.00	0.001	Blockage	07515047	831 Netherlands Dr.	No	No
20-Nov-09	21-Nov-09	23.00	0.0005	Blockage	14306005	931 Harpeth Trace Dr.	No	No
21-Nov-09	21-Nov-09	1.00	0.0001	Blockage	14801064	285 Comroe Rd.	No	No
22-Nov-09	22-Nov-09	1.00	0.00002	Blockage	12001090	1137 Murfreesboro Rd.	No	No
25-Nov-09	25-Nov-09	1.00	0.0001	Construction	07514084	8219 Terry Ln.	No	Yes
27-Nov-09	27-Nov-09	1.00	0.0001	Blockage	18102053	7436 Tarmac Way	No	No
28-Nov-09	28-Nov-09	5.00	0.001	Blockage	15901062	1945 Edenbridge Way	No	No
30-Nov-09	30-Nov-09	1.00	0.0001	Blockage	08106089	2019 26th Ave No.	No	No
01-Dec-09	01-Dec-09	2.50	0.00002	Blockage	15113020	5413 Skip Jack Dr.	Yes	No
01-Dec-09	01-Dec-09	1.00	0.00001	Blockage	14905042	4761 Terragon Tr.	No	No
02-Dec-09	02-Dec-09	4.00	0.00002	Blockage	13413101	267 Eisenhower Dr.	No	Yes
03-Dec-09	03-Dec-09	7.00	0.00004	Blockage	WLS052E058	820 Overhills Dr.	No	No
04-Dec-09	04-Dec-09	3.00	0.00002	Blockage	16413006	5536 Cedar Ash Crossing.	No	No
08-Dec-09	09-Dec-09	5.50	0.1	Rainfall	09510050	501 Bismark Dr.	Yes	No
08-Dec-09	08-Dec-09	0.50	0.00001	Blockage	18206043	7100 Legacy Dr.	No	Yes
08-Dec-09	10-Dec-09	30.58	2.822	Rainfall	06915003	Whites Creek SPS	Yes	No
08-Dec-09	09-Dec-09	9.25	0.357	Rainfall	04312004	Vandiver SPS	Yes	No
08-Dec-09	09-Dec-09	1.50	0.147	Rainfall	09105090	West Park SPS	Yes	No
08-Dec-09	09-Dec-09	5.08	0.189	Rainfall	05116016	Loves Branch SPS	Yes	No
08-Dec-09	08-Dec-09	1.00	0.001	Rainfall	05315020	Lakewood SPS	Yes	No
08-Dec-09	09-Dec-09	6.00	0.01	Rainfall	05207007	Berwick Trail SPS	Yes	No
08-Dec-09	09-Dec-09	0.91	0.004	Rainfall	10210012	Davidson Branch SPS	Yes	No
08-Dec-09	08-Dec-09	14.50	0.02	Rainfall	01416001	Joelton SPS	Yes	No
08-Dec-09	08-Dec-09	1.00	0.001	Rainfall	15711014	Edinburgh SPS	Yes	No
08-Dec-09	09-Dec-09	8.92	0.487	Rainfall	06213035	Williamson Ferry SPS	Yes	No
08-Dec-09	09-Dec-09	6.75	0.476	Rainfall	09409003	Browns Creek SPS / Visco Drive	Yes	No
08-Dec-09	09-Dec-09	17.00	0.05	Rainfall	06201001	Holiday Travel Park SPS	Yes	No

## Quarterly Overflow Report (continued from previous page)

**October 1, 2009 through December 31, 2009**

Event Start Date	Event End Date	Duration (hours)	Overflow Volume (MG)	Overflow Cause	Location Manhole ID	Location	Unpermitted Discharge	Building Backup
08-Dec-09	09-Dec-09	9.15	0.03	Rainfall	07008061	Riverside Dr. SPS	Yes	No
08-Dec-09	09-Dec-09	4.84	0.23	Rainfall	09104025	28th Avenue SPS / Centennial Blvd.	Yes	No
08-Dec-09	08-Dec-09	1.00	0.001	Rainfall	08709040	Farmingham Woods SPS	Yes	No
08-Dec-09	09-Dec-09	12.42	0.604	Rainfall	09011002	516 Basswood Ave.	Yes	No
08-Dec-09	10-Dec-09	22.75	3.586	Rainfall	08410007	149 Barker Rd.	Yes	No
08-Dec-09	09-Dec-09	18.08	0.786	Rainfall	07114041	Cowan St. SPS	Yes	No
08-Dec-09	09-Dec-09	10.00	0.1	Rainfall	09004005	6601 Centennial Blvd.	Yes	No
08-Dec-09	08-Dec-09	1.50	0.00007	Rainfall	11507055	612 Davidson Rd.	Yes	No
08-Dec-09	09-Dec-09	2.00	0.00008	Rainfall	11507058	622 Davidson Rd.	Yes	No
09-Dec-09	09-Dec-09	3.00	0.00003	Blockage	05815039	4129 Home Haven Dr. .	Yes	No
09-Dec-09	09-Dec-09	3.50	0.00003	Blockage	09209019	3920 Clifton Ave.	No	No
09-Dec-09	09-Dec-09	2.00	0.00002	Blockage	10402072	213 30th Ave No.	No	No
09-Dec-09	09-Dec-09	1.00	0.00003	Force Main	WLS052E058	812 Overhills Dr.	No	No
09-Dec-09	09-Dec-09	2.08	0.048	Rainfall	13609002	Smith Springs SPS	Yes	No
11-Dec-09	11-Dec-09	3.00	0.00004	Force Main	WLS052E058	810 Overhills Dr.	No	No
11-Dec-09	11-Dec-09	1.50	0.00001	Blockage	10606003	1009 Foster Ave.	Yes	No
13-Dec-09	13-Dec-09	2.50	0.00002	Blockage	10509144	1019 Bate Ave.	No	Yes
14-Dec-09	14-Dec-09	4.00	0.00003	Force Main	05209002	2663 Miami Ave.	No	No
17-Dec-09	17-Dec-09	4.00	0.00003	Force Main	WLS052E058	812 Overhills Dr.	No	No
22-Dec-09	22-Dec-09	2.00	0.00003	Force Main	WSL052E058	812 Overhills Dr.	No	No
29-Dec-09	29-Dec-09	3.00	0.00002	Blockage	16204021	Blue Hole Rd.& Antioch Pk.	No	No
29-Dec-09	29-Dec-09	1.50	0.00001	Blockage	08303025	2038 Greenwood Ave.	No	No
29-Dec-09	29-Dec-09	6.50	0.00006	Blockage	16207032	152 Tusculum Rd.	No	No
29-Dec-09	29-Dec-09	1.00	0.00001	Blockage	07108082	502 Norton Ave.	No	No

No dry weather CSOs occurred during this reporting period.

## **Section 3**

### **Planned Work For Upcoming Quarter**

#### **Remedial Measure for SSOs**

##### **CAP/ER**

**Planned Work for upcoming quarter:** Workshops to brainstorm potential alternatives to address capacity-related SSOs in the Whites Creek, Dry Creek and Central basins will continue. From these workshops, the viable alternatives will be further investigated and budgetary cost estimates prepared.

Another meeting is anticipated between Metro, EPA and TDEC for coordination and communication to be scheduled during this quarter.

#### **CMOM Programs**

##### **Specific CMOM Program Development**

###### **SORP**

**Planned work for upcoming quarter:** Continue to operate under the revised SORP.

###### **Inter-Jurisdictional Agreement Program**

**Planned work for upcoming quarter:** The wholesale agreement contract that is awaiting Council approval is scheduled to be presented to the Council on January 19, 2010.

###### **Capacity Assurance Program**

**Planned work for upcoming quarter:** The new Capacity Assurance Plan will continue to be applied as a tracking / approval tool for new development / flow in the SSS.

###### **Pump Station Operation Plan for Power Outages**

**Planned work for upcoming quarter:** Metro anticipates receiving approval of the Pump Station Operation Plan during this period. An additional 5 generators are planned for installation as well as automatic transfer switches at 2 sites where dual power feeds provide backup power capabilities. One pump station where power related SSOs have occurred will be taken out of service by extending a trunk sewer.

## **Remedial Measures for Combined Sewer Overflows**

### **NMC Compliance Plan**

**Planned work for upcoming quarter:** Metro anticipates receipt of approval of NMC Compliance Plan from TDEC and EPA. Planning and design of solids and floatable controls on outfalls where none are currently in place will continue.

### **LTCP**

**Planned work for upcoming quarter:** Use of the model for alternatives analysis has commenced and will continue. The Public Participation process will continue. Subsequent meetings of the CAC will be scheduled.

### **SEP**

**Planned work for upcoming quarter:** Both the Sanitarium Road SEP and the Brandywine SEP construction will be completed either during this quarter or the next quarter. A completion report for both projects will be submitted once they are both complete.

## Section 4

### Design/Construction Projects

<b>Projects required by Consent Decree</b>						
<b>Project Number</b>	<b>Project Name</b>	<b>Project Description</b>	<b>Design Start Date</b>	<b>Design End Date</b>	<b>Construction Start Date</b>	<b>Construction End Date</b>
97-SG-8-2&3	Dry Creek Facilities Improvements	Improvements to existing WWTP for optimization of wet weather flows, solids handling, and odor mitigation	3-1-2004	11-19-2004	7-5-2005	12-4-2008
03-SC-136A	Barker Road / Omohundro EQ Basin	Construction of a 15 MG EQ Basin and Wastewater Pump Station (WWPS) for the Separate Sanitary Sewer System	2-23-2006	10-2008	2-2-2009	12-21-2009 (operational)
<b>Continuation Projects from Current OAP Program</b>						
<b>Project Number</b>	<b>Project Name</b>	<b>Project Description</b>	<b>Design Start Date</b>	<b>Design End Date</b>	<b>Construction Start Date</b>	<b>Construction End Date</b>
94-SG-5F-1	Boscobel CSO – Village Court	Upsized CSS trunk sewer, rehabilitation of sanitary sewer, solids and floatable controls, and appurtenances	10-4-2005	7-1-2007	1-16-2008	10-27-2008
91-SC-36B	28 <sup>th</sup> Avenue North Sewer Rehabilitation Phases 1 & 2	Rehabilitation of sanitary sewer system	4-6-2006	8-30-2007	3-15-2008	3-12-2009
90-SC-75A	Hurricane Creek WPS Improvements	Replacement of pumps, controllers, and grinders at existing WWPS to improve reliability	12-1-2005	10-23-2006	11-12-2007	9-1-2008

**Continuation Projects from Current OAP Program (continued from previous page)**

<b>Project Number</b>	<b>Project Name</b>	<b>Project Description</b>	<b>Design Start Date</b>	<b>Design End Date</b>	<b>Construction Start Date</b>	<b>Construction End Date</b>
05-SC-33	Basswood / West Park EQ Basin	Construction of a 10 MG EQ Basin and WWPS for the Separate Sanitary Sewer System	6-21-2006	10-2008	2-18-2009	6-2-2010 (estimated)
94-SC-5B	Washington CSO Regulator	Construction of new replacement CSO Regulator to incorporate solids & floatables control and in system storage to reduce CSOs	12-18-2006	3-1-2010 (peer review modification)	8-1-2010 (estimated)	8-1-2012 (estimated)
90-SC-150H	Inglewood Sewer Rehabilitation Phase 4	Rehabilitation of sanitary sewer system	2-7-2006	10-30-2006	7/13/2009	2/7/2010 (estimated)
99-SG-9C	Hermitage Area Sewer Rehabilitation	Rehabilitation of sanitary sewer system	8-2-2006	11-10-2006	7/13/2009	2/7/2010 (estimated)
06-SC-188	Whites Creek WWPS Disinfection / Optimization	Improvements to existing WWTP for optimization of wet weather flows and increased capacity of disinfection system	12-12-2008	4-1-2010 (estimated)	8-1-2010 (estimated)	TBD
93-SC-34T	Whites Creek WWPS Design	Improvements to the Whites Creek WWPS, including a new WWPS and Force Main	11-15-2009	7-1-2010 (estimated)	3 <sup>rd</sup> quarter 2010	TBD
06-SC-185	Mill Creek 36" Trunk Sewer Repair	Repair / Rehabilitation of Separated Sewer System	7-6-2007	10-6-2007	Calendar Year 2010	TBD
			Design revisions			
			9-1-2009	4-1-2010		