KARL F. DEAN
MAYOR

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY

DEPARTMENT OF WATER AND SEWERAGE SERVICES
1600 SECOND AVENUE, NORTH
NASHVILLE, TENNESSEE 37208-2206

July 22, 2011

Chief, Environmental Enforcement Section
Environmental and Natural Resources Division
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Tennessee Department of Environment and Conservation
6th Floor, L & C Annex
401 Church Street
Nashville, TN 37243

Re: DOJ Case No. 90-5-1-1-09000
Submittal of Quarterly Progress Report

Gentlemen and Madam:

In accordance with the provisions of the Consent Decree, Section XIX (Reporting Requirements), Subsection A, herewith we are transmitting the Quarterly Progress report which covers the time period from April 1, 2011 through June 30, 2011.

If you need assistance or accommodations, please contact Metro Water Services,
Mr. Joseph A. Estes, Sr., at (615) 862-4862, 1600 Second Avenue North, Nashville, TN 37208.

printed on recycled paper

A copy of this report is concurrently being placed in the Public Document Repository (PDR).

I certify under penalty of law that this document 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 fine and imprisonment for knowing violations.

If you have any questions concerning this report please contact me.

Sincerely,

Scott A. Potter, P.E.
Director

Cyrus Q. Toosi, P.E.
Assistant Director / Chief Engineer
Engineering Division

Cc: Mr. David Tucker, Assistant Director, Operations
Mr. Ron C. Taylor, Overflow Abatement Program Director
Mr. Gregory A. Ballard, P.E., Engineer 3
Mr. Thomas G. Cross, Associate Director, Metropolitan Department of Law

Metropolitan Government of Nashville
and
Davidson County, Tennessee

Department of Water and Sewerage Services

Consent Decree
Quarterly Progress Report

April 1, 2011 through June 30, 2011

I certify under penalty of law that this document 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 fine and imprisonment for knowing violations.

Cyrus Q. Toosi, P.E., Assistant Director / Chief Engineer

7-22-11

Date

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.

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).

This is the ninth Quarterly Progress Report required under the Consent Decree. The report covers the period from April 1, 2011, through June 30, 2011.

The first Quarterly Progress Report covering the period from March 12, 2009, through June 30, 2009, was publicized in the Public Document Repository (PDR) and submitted to EPA and TDEC 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 and submitted to EPA and TDEC on October 29, 2009.

The third Quarterly Progress Report covering the period from October 1, 2009, through December 31, 2009, was publicized in the PDR and submitted to EPA and TDEC on January 27, 2010.

The fourth Quarterly Progress Report covering the period from January 1, 2010, through March 31, 2010, was publicized in the PDR and submitted to EPA and TDEC on April 27, 2010.

The fifth Quarterly Progress Report covering the period from April 1, 2010, through June 30, 2010, was publicized in the PDR on July 27, 2010, and submitted to EPA and TDEC on July 28, 2010.

The sixth Quarterly Progress Report covering the period from July 1, 2010, through September 30, 2010, was publicized in the PDR and submitted to EPA and TDEC on October 27, 2010.

The seventh Quarterly Progress Report covering the period from October 1, 2010, through December 31, 2010, was publicized in the PDR and submitted to EPA and TDEC on January 28, 2011.

The eighth Quarterly Progress Report covering the period from January 1, 2011, through March 31, 2011, was publicized in the PDR on April 27, 2011, and submitted to EPA and TDEC on April 28, 2011.

Section 1 – Summary of Work Completed During the Reporting Period

Request for Force Majeure

On May 14, 2010, as a result of the flooding event that occurred in the Nashville area on May 1-2, 2010, Metro requested an extension of several Consent Decree deadlines. Following the requested submittal of additional information by Metro, EPA, in consultation with TDEC, granted Metro's requests. This included a six (6) month extension for the submission of the CAP/ER and the LTCP, as well as a twenty-four (24) month extension for completion of the work required in the CAP/ER and the LTCP. Final compliance with all terms in the Consent Decree must now be achieved on or before eleven (11) years after the approval or modification of either the CAP/ER or the LTCP, whichever comes later.

Remedial Measures for SSOs

CAP/ER

Progress this quarter: During the reporting period, Metro has continued to make progress towards completion of the CAP/ER for the separate sewer system (SSS). Workshops were held to discuss refinements to proposed improvements to address capacity-related SSOs. Additionally, Metro has prepared a draft version of the CAP/ER document that is being reviewed and revised in advance of its submittal to the PDR in late July.

Two teleconference meetings were held between Metro, EPA, and TDEC this quarter. On April 6, 2011, the proposed CAP/ER improvements were discussed, and on June 23, 2011, the outline of the CAP/ER document was presented. .

Consent Decree Completion Date: September 11, 2011

CMOM Programs

Spill and Overflow Response Plan

Progress this quarter: Changes included in the revised SORP, which was approved on August 18, 2009, have been implemented. No revisions or modifications to the SORP were requested in 2011.

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

1st Revision Completion Date: May 27, 2009

1st Revision PDR Publication Date: May 27, 2009

1st Revision Approval Date: August 18, 2009

Inter-Jurisdictional Agreement Program

Progress this quarter: Five of six wholesale agreement contracts have been negotiated. All five have received the required approvals including the approval of the Metropolitan Davidson County Council. Negotiation with the sixth wholesale customer continues.

Consent Decree Completion Date: September 12, 2009

TDEC/EPA Submittal Date: September 4, 2009

PDR Publication Date: September 4, 2009

TDEC/EPA Approval Date: August 20, 2010

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: A total of twenty three (23) stationary backup generators and two (2) automatic transfer switches have been installed. A temporary generator has been placed at the Holiday Travel Park Pumping Station where, due to difficulties in obtaining property rights and delays in the start of construction by the developer / contractor, the trunk sewer which will take the pumping station out of service has not been constructed. The property rights have been acquired for this site. A temporary generator also continues to be utilized at the Munn Road Pumping Station where, due to difficulties in obtaining property rights, Metro has been unable to complete the stationary generator installation. Documents to initiate the use of Eminent Domain for this property rights acquisition have been prepared and submitted to the Metro Council.

Consent Decree Completion Date for Plan Submittal: December 12, 2009

TDEC/EPA Submittal Date: December 8, 2009

PDR Publication Date: December 8, 2009

TDEC/EPA Approval Date: August 20, 2010

Remedial Measures for Combined Sewer Overflows

NMC Compliance Plan

Progress this quarter: The construction of the solids and floatables controls at the Benedict & Crutcher and Schrader CSO outfalls became operationally complete on May 27, 2011. Construction of those improvements began with a Notice to Proceed dated February 16, 2011.

Design has been completed for modifications to the regulator structures at the 1st & Broadway and Van Buren outfalls. These modifications will eliminate those outfalls and direct all flows from those CSS basins to the wastewater treatment plant. The advertisement for construction bids for this work has been issued.

Construction continues for the improvements at the Washington CSO. This project will incorporate solids and floatables control at the regulator and will provide in-system storage to reduce CSOs.

Consent Decree Completion Date: September 12, 2009

Original TDEC/EPA Submittal Date: September 4, 2009

Original PDR Publication Date: September 4, 2009

TDEC/EPA Approval in Part: April 26, 2010

TDEC/EPA Submittal Date for Revised Plan: May 25, 2010

TDEC/EPA Approval Date for Revised Plan: July 22, 2010

NMC Compliance Date (with exception of Washington CSO): January 6, 2012

NMC Compliance Date for Washington CSO: June 30, 2012

LTCP

Progress this quarter: Input from meetings with the Citizens Advisory Committee (CAC) and public meetings was used to formulate a proposed set of alternatives for consideration in the LTCP. Workshops with Metro staff to discuss and select a set of proposed LTCP improvements were held, and the proposed improvements being incorporated into the draft LTCP document.

Two teleconference meetings were held between Metro, EPA, and TDEC this quarter to discuss the status of the LTCP. On April 6, 2011, a summary of the water quality model was reviewed and the approach for selecting among potential improvements at the Kerrigan CSO outfall was presented. On June 23, 2011, the approach for screening and selecting improvements was presented along with the proposed improvements for each outfall.

Consent Decree Completion Date: September 11, 2011

Supplemental Environmental Projects

Progress this quarter: The SEP completion report was submitted to EPA and TDEC on December 7, 2010. A copy was also submitted to the PDR at that time. Metro received approval of this report on March 8, 2011.

Consent Decree Completion Date: December 31, 2010

Section 2 – SSOs and Dry Weather CSOs

Quarterly SSO Report April 1, 2011 through June 30, 2011									
Event Start Date	**Event End Date**	**Rainfall**	**Duration (hours)**	**Overflow Volume (MG)**	**Overflow Cause**	**Location Manhole ID**	**Location**	**Unpermitted Discharge**	**Building Backup**
01-Apr-11	01-Apr-11	0	0.50	0.001	Blockage	09606001	2841 Lebanon Pk.	Yes	No
04-Apr-11	06-Apr-11	1.45	27.25	3.858	Rainfall	06915003	Whites Creek SPS	Yes	No
04-Apr-11	04-Apr-11	1.14	0.25	0.002	Rainfall	04312004	Vandiver SPS	Yes	No
04-Apr-11	04-Apr-11	1.19	4.70	0.01	Rainfall	05204009	River Retreat SPS	Yes	No
04-Apr-11	04-Apr-11	1.19	2.42	0.124	Rainfall	05116016	Loves Branch SPS	Yes	No
04-Apr-11	05-Apr-11	1.19	18.67	6.539	Rainfall	05205001	Gibson Creek SPS	Yes	No
04-Apr-11	05-Apr-11	1.43	9.92	0.586	Rainfall	10210012	Davidson Branch SPS	Yes	No
04-Apr-11	05-Apr-11	1.19	19.50	0.5	Rainfall	05216026	Neelys Bend SPS	Yes	No
04-Apr-11	04-Apr-11	1.43	1.50	0.05	Rainfall	10203057	Cleeces Ferry SPS	Yes	No
04-Apr-11	04-Apr-11	1.43	0.70	0.01	Rainfall	10203057	Cleeces Ferry SPS	Yes	No
04-Apr-11	04-Apr-11	1.29	0.75	0.01	Rainfall	06201001	Holiday Travel Park SPS	Yes	No
04-Apr-11	04-Apr-11	1.29	0.58	0.005	Rainfall	14908006	Bell Road SPS	Yes	No
04-Apr-11	04-Apr-11	1.29	1.92	0.067	Rainfall	08410007	149 Barker Rd.	Yes	No
05-Apr-11	05-Apr-11	1.40	1.00	0.00001	Rainfall	14405014	4419 Chickering Rd.	No	No
05-Apr-11	05-Apr-11	1.40	1.00	0.001	Blockage	13014010	1214 Chickering Rd.	Yes	No
05-Apr-11	05-Apr-11	1.40	1.00	0.00001	Rainfall	14405017	1318 Chickering Rd.	No	No
05-Apr-11	06-Apr-11	1.16	30.00	0.001	Rainfall	17312006	Pettus Road, South of Blue Hole	Yes	No
05-Apr-11	05-Apr-11	1.19	0.25	0.001	Rainfall	05315020	Lakewood SPS	Yes	No
06-Apr-11	06-Apr-11	0	0.50	0.0001	Blockage	09202024CO	2709 Jefferson St.	No	No
06-Apr-11	06-Apr-11	0	0.75	0.0001	Blockage	10516067CO	2136 Canady Ave.	Yes	No
12-Apr-11	12-Apr-11	1.39	8.00	0.001	Blockage	13014010	1214 Chickering Rd.	Yes	No
12-Apr-11	12-Apr-11	1.39	8.00	0.001	Rainfall	14405017	1318 Chickering Rd.	Yes	No
12-Apr-11	12-Apr-11	1.22	5.75	0.277	Rainfall	06915003	Whites Creek SPS	Yes	No
13-Apr-11	13-Apr-11	0	3.00	0.001	Blockage	10208001	6430 Charlotte Pk.	Yes	No
15-Apr-11	15-Apr-11	1.00	0.10	0.001	Rainfall	05204009	River Retreat SPS	Yes	No

Quarterly SSO Report
April 1, 2011 through June 30, 2011

Event Start Date	Event End Date	Rainfall	Duration (hours)	Overflow Volume (MG)	Overflow Cause	Location Manhole ID	Location	Unpermitted Discharge	Building Backup
15-Apr-11	16-Apr-11	1.22	0.50	0.001	Rainfall	08709040	Farmingham Woods SPS	Yes	No
15-Apr-11	17-Apr-11	1.21	8.33	0.218	Rainfall	08410007	149 Barker Rd.	Yes	No
15-Apr-11	18-Apr-11	1.06	31.07	0.274	Rainfall	07114041	Cowan St. SPS	Yes	No
16-Apr-11	16-Apr-11	1.07	8.00	0.001	Blockage	13014008	4418 Herbert Pl.	Yes	No
17-Apr-11	17-Apr-11	0	1.00	0.0001	Blockage	05308011CO	206 24th St.	No	No
17-Apr-11	17-Apr-11	0	4.00	0.986	Controller	09409003	Browns Creek SPS / Visco Dr.	Yes	No
18-Apr-11	18-Apr-11	0	2.00	0.0001	Blockage	16116023	457 Swiss Ave.	Yes	No
20-Apr-11	20-Apr-11	0.37	2.00	0.0001	Blockage	09402038	1800 Eastside Ave.	No	No
20-Apr-11	20-Apr-11	0.30	0.15	0.001	Power Related	05204009	River Retreat SPS	Yes	No
22-Apr-11	22-Apr-11	0	0.67	0.017	Controller	06915003	Whites Creek SPS	Yes	No
22-Apr-11	22-Apr-11	0	2.33	0.221	Power Related	05205001	Gibson Creek SPS	Yes	No
27-Apr-11	28-Apr-11	2.83	22.25	0.001	Rainfall	09510050	501 Bismark Dr.	Yes	No
27-Apr-11	28-Apr-11	2.83	23.00	0.001	Rainfall	08602062	Old Lebanon Dirt Rd.	Yes	No
27-Apr-11	28-Apr-11	2.86	15.00	0.001	Rainfall	11507055	612 Davidson Rd.	Yes	No
27-Apr-11	27-Apr-11	2.53	0.50	0.00001	Blockage	10408047	1711 18th Ave. S.	No	No
27-Apr-11	28-Apr-11	3.41	31.50	0.001	Rainfall	17312005	Pettus Rd.	Yes	No
27-Apr-11	28-Apr-11	2.70	27.00	0.001	Rainfall	13007005	4013 Harding Pl.	Yes	No
27-Apr-11	28-Apr-11	2.70	10.00	0.001	Rainfall	14405014	4419 Chickering Ln.	Yes	No
27-Apr-11	28-Apr-11	2.70	10.00	0.001	Rainfall	14405017	1318 Chickering Rd.	Yes	No
27-Apr-11	28-Apr-11	2.63	23.50	0.00001	Rainfall	05010033	3414 Brick Church Pk.	No	No
27-Apr-11	29-Apr-11	2.93	26.40	1.004	Rainfall	03609002	Smith Springs SPS	Yes	No
27-Apr-11	28-Apr-11	2.82	37.75	2.22	Rainfall	06915003	Whites Creek SPS	Yes	No
27-Apr-11	27-Apr-11	2.70	9.08	0.481	Rainfall	04312004	Vandiver SPS	Yes	No
27-Apr-11	27-Apr-11	2.86	0.58	0.022	Rainfall	09105090	West Park SPS	Yes	No
27-Apr-11	29-Apr-11	2.70	31.00	4.597	Rainfall	03411009	Dry Creek SPS	Yes	No
27-Apr-11	27-Apr-11	2.70	3.83	0.155	Rainfall	05116016	Loves Branch SPS	Yes	No
27-Apr-11	27-Apr-11	2.70	5.92	0.76	Rainfall	05205001	Gibson Creek SPS	Yes	No

Quarterly SSO Report
April 1, 2011 through June 30, 2011

Event Start Date	Event End Date	Rainfall	Duration (hours)	Overflow Volume (MG)	Overflow Cause	Location Manhole ID	Location	Unpermitted Discharge	Building Backup
27-Apr-11	27-Apr-11	2.86	14.08	0.66	Rainfall	10210012	Davidson Branch SPS	Yes	No
27-Apr-11	28-Apr-11	2.70	13.05	0.5	Rainfall	05216026	Neelys Bend SPS	Yes	No
27-Apr-11	27-Apr-11	2.63	3.42	0.094	Rainfall	06213035	Williamson Ferry SPS	Yes	No
27-Apr-11	27-Apr-11	2.70	3.80	0.005	Rainfall	05213002	Madison Heights SPS	Yes	No
27-Apr-11	27-Apr-11	2.70	8.20	0.05	Rainfall	05207007	Berwick Trail SPS / Center St.	Yes	No
27-Apr-11	28-Apr-11	2.83	21.25	0.05	Rainfall	06201001	Holiday Travel Park SPS	Yes	No
27-Apr-11	27-Apr-11	2.82	5.75	0.01	Rainfall	07008061	Riverside Dr. SPS	Yes	No
27-Apr-11	29-Apr-11	2.61	30.00	0.05	Rainfall	01416001	Joelton SPS	Yes	No
27-Apr-11	28-Apr-11	2.63	15.66	1.58	Rainfall	09403030	Shelby Park SPS	Yes	No
27-Apr-11	27-Apr-11	3.64	1.50	0.005	Rainfall	WMN57A023	Countryside Dr. SPS	Yes	No
27-Apr-11	27-Apr-11	2.83	6.95	0.01	Rainfall	08709040	Farmingham Woods SPS	Yes	No
27-Apr-11	28-Apr-11	2.88	7.70	0.01	Rainfall	15110038	Longhunter Chase SPS	Yes	No
27-Apr-11	27-Apr-11	2.83	7.17	0.012	Rainfall	08601134	Dodson Chapel SPS	Yes	No
27-Apr-11	27-Apr-11	2.83	1.60	0.01	Rainfall	09506004	Mill Creek SPS	Yes	No
27-Apr-11	28-Apr-11	2.86	10.92	0.559	Rainfall	09011002	516 Basswood Ave.	Yes	No
27-Apr-11	29-Apr-11	2.83	47.50	2.166	Rainfall	08410007	149 Barker Rd.	Yes	No
27-Apr-11	28-Apr-11	2.63	10.91	0.666	Rainfall	07114041	Cowan St. SPS	Yes	No
27-Apr-11	28-Apr-11	2.86	15.00	0.001	Rainfall	11507059	622 Davidson Rd.	Yes	No
27-Apr-11	27-Apr-11	2.51	1.00	0.00001	Rainfall	11616040	4010 Wallace Ln.	No	No
28-Apr-11	28-Apr-11	0	1.25	0.00001	Blockage	11706063	2160 Golf Club Ln.	Yes	No
28-Apr-11	29-Apr-11	0	30.00	0.001	Mechanical	DRYCKWWTP	61 Edenwold Rd.	Yes	No
29-Apr-11	30-Apr-11	0	17.00	0.001	Blockage	13010031	1204 Chickering Rd.	Yes	No
03-May-11	04-May-11	1.89	24.00	0.00001	Rainfall	10616033	412 Hollydale Dr.	Yes	No
03-May-11	04-May-11	1.80	21.00	0.001	Rainfall	05911028	709 Rowan Dr.	Yes	No
03-May-11	04-May-11	1.80	19.00	0.001	Rainfall	05910048	3800 Dunbar Dr.	Yes	No
03-May-11	04-May-11	1.46	19.00	0.0001	Rainfall	14405017	1318 Chickering Rd.	Yes	No
03-May-11	04-May-11	1.80	20.00	0.001	Rainfall	05911027	701 Rowan Dr.	Yes	No

Quarterly SSO Report
April 1, 2011 through June 30, 2011

Event Start Date	Event End Date	Rainfall	Duration (hours)	Overflow Volume (MG)	Overflow Cause	Location Manhole ID	Location	Unpermitted Discharge	Building Backup
03-May-11	04-May-11	1.69	41.00	0.01	Rainfall	09510050	501 Bismark Dr	Yes	No
03-May-11	04-May-11	1.69	27.00	0.001	Rainfall	08602062	Old Lebanon Dirt Rd.	Yes	No
03-May-11	04-May-11	1.69	26.00	0.00001	Rainfall	08606106	5289 Old Hickory Blvd.	Yes	No
03-May-11	05-May-11	1.80	47.00	0.01	Rainfall	06001013	3258 Brick Church Pk.	Yes	No
03-May-11	04-May-11	1.80	24.00	0.0001	Rainfall	05010029	3438 Briley Park Blvd.	Yes	No
03-May-11	03-May-11	1.80	3.75	0.001	Rainfall	09004030	6514 Robertson Ave.	Yes	No
03-May-11	04-May-11	1.78	24.00	0.001	Rainfall	06004005CO	120 Oak Valley Dr.	No	No
03-May-11	04-May-11	1.46	22.00	0.001	Rainfall	14405014	4419 Chickering Ln.	Yes	No
03-May-11	04-May-11	1.78	19.00	0.001	Rainfall	07309066	Cooper Terrace	Yes	No
03-May-11	03-May-11	1.74	2.00	0.081	Rainfall	09608006	McCrory Creek SPS	Yes	No
03-May-11	05-May-11	1.97	43.83	7.197	Rainfall	06915003	Whites Creek SPS	Yes	No
03-May-11	03-May-11	1.66	11.50	0.415	Rainfall	04312004	Vandiver SPS	Yes	No
03-May-11	03-May-11	1.97	0.33	0.011	Rainfall	09105090	West Park SPS	Yes	No
03-May-11	04-May-11	1.66	10.17	2.107	Rainfall	03411009	Dry Creek SPS	Yes	No
03-May-11	03-May-11	1.66	6.92	0.258	Rainfall	05116016	Loves Branch SPS	Yes	No
03-May-11	03-May-11	1.66	2.42	0.279	Rainfall	05205001	Gibson Creek SPS	Yes	No
03-May-11	03-May-11	1.97	13.67	0.709	Rainfall	10210012	Davidson Branch SPS	Yes	No
03-May-11	03-May-11	1.66	16.70	0.2	Rainfall	05216026	Neelys Bend SPS	Yes	No
03-May-11	03-May-11	1.93	3.58	0.043	Rainfall	06213035	Williamson Ferry SPS	Yes	No
03-May-11	03-May-11	1.66	5.10	0.01	Rainfall	05213002	Madison Heights SPS	Yes	No
03-May-11	03-May-11	1.66	11.45	0.05	Rainfall	05207007	Berwick Trail SPS / Center St.	Yes	No
03-May-11	03-May-11	1.74	15.90	0.08	Rainfall	06201001	Holiday Travel Park SPS	Yes	No
03-May-11	03-May-11	1.97	10.20	0.05	Rainfall	07008061	Riverside Dr. SPS	Yes	No
03-May-11	03-May-11	1.97	1.08	0.002	Rainfall	09104025	28th Ave. SPS / Centennial Blvd.	Yes	No
03-May-11	03-May-11	1.97	13.60	0.05	Rainfall	01416001	Joelton SPS	Yes	No
03-May-11	04-May-11	1.93	16.09	1.424	Rainfall	09403030	Shelby Park SPS	Yes	No
03-May-11	03-May-11	1.74	6.20	0.01	Rainfall	08709040	Farmingham Woods SPS	Yes	No

Quarterly SSO Report
April 1, 2011 through June 30, 2011

Event Start Date	Event End Date	Rainfall	Duration (hours)	Overflow Volume (MG)	Overflow Cause	Location Manhole ID	Location	Unpermitted Discharge	Building Backup
03-May-11	03-May-11	1.97	14.50	0.743	Rainfall	09011002	516 Basswood Ave.	Yes	No
03-May-11	04-May-11	1.80	19.00	0.001	Rainfall	07101010	1313 Katie Ave.	Yes	No
03-May-11	05-May-11	1.74	39.16	3.561	Rainfall	08410007	149 Barker Rd.	Yes	No
03-May-11	03-May-11	1.93	15.67	1.029	Rainfall	07114041	Cowan St. SPS	Yes	No
03-May-11	05-May-11	1.78	20.00	0.001	Rainfall	07306012	Cooper Ln.	Yes	No
03-May-11	04-May-11	1.80	18.00	0.1	Rainfall	09004005	6601 Centennial Blvd.	Yes	No
03-May-11	04-May-11	1.78	19.00	0.001	Rainfall	08204006	Apex St.	No	No
04-May-11	03-May-11	1.47	26.00	0.00001	Rainfall	13607014	Timber Ridge Dr.	Yes	No
04-May-11	05-May-11	0	25.00	0.001	Blockage	13014013	1218 Chickering Rd.	Yes	No
05-May-11	05-May-11	0	0.75	0.001	Blockage	13204037	2960 Armory Dr.	Yes	No
23-May-11	23-May-11	0.72	0.50	0.001	Blockage	10203046	633 Galaxie Dr.	No	No
23-May-11	23-May-11	1.30	0.42	0.015	Rainfall	06915003	Whites Creek SPS	Yes	No
24-May-11	24-May-11	2.03	1.00	0.01	Rainfall	06201001	Holiday Travel Park SPS	Yes	No
26-May-11	26-May-11	1.19	17.00	1.947	Rainfall	06915003	Whites Creek SPS	Yes	No
26-May-11	26-May-11	0.61	1.00	0.01	Power Related	05204009	River Retreat SPS	Yes	No
30-May-11	30-May-11	0	2.00	0.001	Blockage	17312006	Pettus, South of Blue Hole	Yes	No
30-May-11	30-May-11	0	6.00	0.001	Blockage	07605033CO	645 Debbie Dr.	No	No
31-May-11	31-May-11	0	4.00	0.00001	Force Main	WLS052E098	5259 Rustic Way	No	No
02-Jun-11	02-Jun-11	0	7.50	0.00001	Force Main	WLS052E098	5259 Rustic Way	Yes	No
05-Jun-11	05-Jun-11	0.15	0.25	0.001	Power Related	08709040	Farmingham Woods SPS	No	No
07-Jun-11	07-Jun-11	0	1.75	0.0001	Blockage	04302011	713 May Dr.	No	No
07-Jun-11	07-Jun-11	0	3.25	0.005	Operator Error	12201011	Woodland Point #1 SPS	Yes	No
13-Jun-11	13-Jun-11	0	3.00	0.001	Blockage	05003060	1818 Apple Valley Cr.	Yes	No
13-Jun-11	13-Jun-11	0	5.00	0.0001	Blockage	14705015CO	4837 Briarwood Dr.	Yes	No
14-Jun-11	14-Jun-11	0.05	4.00	0.0001	pagBlockage	10411066CO	2510 Barton Ave.	No	No
15-Jun-11	15-Jun-11	1.04	3.00	0.0001	Rainfall	17312006	Pettus, South of Blue Hole	Yes	No
18-Jun-11	18-Jun-11	0.26	1.00	0.00001	Blockage	13614012	637 Lake Terrace Dr.	No	No

Quarterly SSO Report
April 1, 2011 through June 30, 2011

Event Start Date	Event End Date	Rainfall	Duration (hours)	Overflow Volume (MG)	Overflow Cause	Location Manhole ID	Location	Unpermitted Discharge	Building Backup
21-Jun-11	25-Jun-11	0.30	101.00	0.4	Controller	06208003	Hidden Acres SPS	Yes	No
24-Jun-11	24-Jun-11	0	0.50	0.00001	Blockage	04101021	5000 Cobblestone Creek Dr.	No	No
28-Jun-11	28-Jun-11	1.76	0.33	0.004	Rainfall	03609002	Smith Springs SPS	Yes	No
28-Jun-11	28-Jun-11	1.01	1.25	0.005	Rainfall	01416001	Joelton SPS	Yes	No
28-Jun-11	28-Jun-11	1.86	7.70	0.05	Power Related	08709040	Farmingham Woods SPS	Yes	No

Quarterly Dry Weather CSO Report April 1, 2011 through June 30, 2011						
Event Start Date	**Event End Date**	**Rainfall**	**Duration (hours)**	**Overflow Volume (MG)**	**Overflow Cause**	**Location**
There are no dry weather overflows to report during this quarter.						

Section 3 - Planned Work For Upcoming Quarter

Remedial Measure for SSOs

CAP/ER

Planned work for upcoming quarter: The CAP/ER document will be completed and posted to the PDR no later than July 28, 2011. Comments received during the public review period will be reviewed and incorporated into the document, as needed. If Metro deems it necessary, comments received will be reviewed with EPA and TDEC in a teleconference currently scheduled for August 30, 2011.

The final CAP/ER document will be submitted to EPA and TDEC no later than September 11, 2011.

CMOM Programs

Spill and Overflow Response Plan

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

Inter-Jurisdictional Agreement Program

Planned work for upcoming quarter: Negotiations will continue with one remaining satellite community.

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: Construction of the trunk sewer to eliminate the Holiday Travel Park Pumping Station, which has been delayed due to developer / contractor issues, is anticipated to commence prior to the end of 2011. Condemnation Action for the property rights necessary for the installation of the stationary generator at the Munn Road Pumping Station will commence following the approval of the use of Eminent Domain by the Metro Council. The portable generators currently installed at these sites will receive priority attention for activation, as necessary, until the permanent improvements at each location have been completed.

Remedial Measures for Combined Sewer Overflows

NMC Compliance Plan

Planned work for upcoming quarter: Bids for the construction of improvements which will eliminate the CSO outfalls from the 1st & Broadway and the Van Buren CSO regulators are

scheduled to be taken on July 15, 2011. The project award will be made and construction of the work scheduled promptly to allow completion of those efforts within the approved schedule.

Construction of the improvements at the Washington CSO outfall will continue during the upcoming quarter.

LTCP

Planned work for upcoming quarter: The LTCP document will be completed and posted in the PDR no later than July 28, 2011. Comments received during the public review period will be reviewed and incorporated as needed. If Metro deems it necessary, comments received will be reviewed with EPA and TDEC in a teleconference currently scheduled for August 30, 2011.

The final LTCP document will be submitted to EPA and TDEC no later than September 11, 2011.

Section 4 – Design/Construction Projects

Projects Required by Consent Decree						
Project Number	**Project Name**	**Project Description**	**Design Start Date**	**Design End Date**	**Construction Start Date**	**Construction End Date**
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)

Continuation Projects from Current OAP Program						
Project Number	**Project Name**	**Project Description**	**Design Start Date**	**Design End Date**	**Construction Start Date**	**Construction End Date**
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	28th 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
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	11/17/2010

Continuation Projects from Current OAP Program						
Project Number	**Project Name**	**Project Description**	**Design Start Date**	**Design End Date**	**Construction Start Date**	**Construction End Date**
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	12/1/2010	6/30/2012 (estimated)
90-SC-150H	Inglewood Sewer Rehabilitation Phase 4	Rehabilitation of sanitary sewer system	2/7/2006	10/30/2006	7/13/2009	1/8/2010
99-SG-9C	Hermitage Area Sewer Rehabilitation	Rehabilitation of sanitary sewer system	8/2/2006	11/10/2006	7/13/2009	2/7/2010
06-SC-188	Whites Creek WWTP Disinfection / Optimization	Improvements to existing WWTP for optimization of wet weather flows and increased capacity of disinfection system	12/12/2008	10/30/2010	9/1/2011 (estimated)	1/1/2013 (estimated)
93-SC-34T	Whites Creek WWPS Design	Improvements to the Whites Creek WWPS, including a new WWPS and Force Main	11/15/2009	3/25/2011	11/1/2011 (estimated)	9/1/2013 (estimated)
06-SC-185	Mill Creek 36” Trunk Sewer Repair	Repair / Rehabilitation of Separated Sewer System	7/6/2007	10/6/2007	3/21/2011	11/1/2011 (estimated)
			Design revisions			
			9/1/2009	5/1/2010		