

KARL F. DEAN
MAYOR



METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY

April 28, 2011

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

Chief, Environmental Enforcement Section
Environmental and Natural Resources Division
U. S. Department of Justice
Post Office Box 7611
Washington, D. C. 20044-7611

United States Attorney
Middle District of Tennessee
110 Ninth Avenue, South, Suite A961
Nashville, TN 37203

Chief, Water Programs Enforcement Branch
Water Management Division
U. S. Environmental Protection Agency, Region 4
Atlanta Federal Center
61 Forsyth Street, S.W.
Atlanta, GA 30303

Mr. Barry Turner, Deputy Attorney General
Office of the Tennessee Attorney General
Environmental Division
P. O. Box 20207
Nashville, TN 37202

Mr. Patrick Parker, Assistant General Counsel
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:

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 January 1, 2011 through March 31, 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).

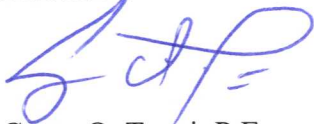
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage 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,

Handwritten signature of Scott A. Potter in black ink.

Scott A. Potter, P.E.
Director

Handwritten signature of Cyrus Q. Toosi in blue ink.

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

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

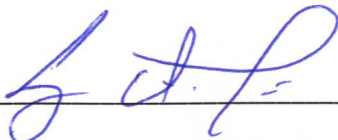
**Metropolitan Government of Nashville
and
Davidson County, Tennessee**

Department of Water and Sewerage Services

**Consent Decree
Quarterly Progress Report**

January 1, 2011 through March 31, 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

4/28/2011

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 eighth Quarterly Progress Report required under the Consent Decree. The report covers the period from January 1, 2011, through March 31, 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.

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 to discuss and finalize modeled alternatives to address capacity-related SSOs in the Whites Creek service area, the Dry Creek service area, and the Central service area were held, with proposed CAP/ER improvements selected.

On February 9, 2011, the preliminary CAP/ER improvements to address capacity-related SSOs were presented during a teleconference meeting between Metro, EPA, and TDEC.

Consent Decree Completion Date: September 12, 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 2010.

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: As of March 12, 2011, 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, the trunk sewer which will take the pumping station out of service has not been constructed. The property rights were acquired at this location in March 2011. A temporary generator has also been placed at the Munn Road Pumping Station where, due to difficulties in obtaining property rights, Metro has been unable to complete the stationary generator installation.

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: In accordance with the NMC compliance schedule, bids for the construction of solids and floatables controls at the Benedict & Crutcher and Schrader outfalls

were received on January 7, 2011. Construction of these improvements began with a Notice to Proceed on February 16, 2011.

Design is underway 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.

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: Computer models simulating the Cumberland River's water quality and combined sewer system (CSS) hydraulics continue to be used to establish the potential impacts to water quality for each modification to the CSS under consideration. Preliminary project costs and water quality impacts have been developed for multiple options, which were presented to the Citizens Advisory Committee (CAC) on January 27, 2011. A subsequent CAC meeting held on March 22, 2011, focused on the financial implications of both the LTCP and CAP/ER elements of the Consent Decree.

Three public meetings were conducted on March 24, March 26, and March 28, 2011, in order to provide preliminary project costs and water quality impact information to the public and gain additional feedback beyond CAC activities. The March 24, 2011, meeting was video recorded for future playback on our government access cable channel and is planned to be made available for viewing through Metro's Consent Decree website.

On February 9, 2011, the status of the LTCP development, particularly the approach for screening and selecting CSO control alternatives, was presented during a teleconference meeting between Metro, EPA, and TDEC.

Consent Decree Completion Date: September 12, 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 January 1, 2011 through March 31, 2011

Event Start Date	Event End Date	Rainfall	Duration (hours)	Overflow Volume (MG)	Overflow Cause	Location Manhole ID	Location	Unpermitted Discharge	Building Backup
01-Jan-11	01-Jan-11	0.63	3.00	0.0001	Blockage	07107044	1907 Dickerson Pk.	Yes	No
01-Jan-11	01-Jan-11	0.76	3.75	0.118	Rainfall	09011002	516 Basswood Dr.	Yes	No
03-Jan-11	03-Jan-11	0.00	0.50	0.0001	Blockage	WMN056J05	1946 Ashburn Ct.	No	No
04-Jan-11	05-Jan-11	0.03	30.33	1.775	Blockage	09011002	516 Basswood Dr.	Yes	No
04-Jan-11	04-Jan-11	0.00	7.00	0.0001	Blockage	07102052	201 Grizzard Ave.	Yes	No
07-Jan-11	07-Jan-11	0.00	0.25	0.0001	Blockage	08303022	1201 Porter Rd.	No	No
07-Jan-11	07-Jan-11	0.00	3.50	0.001	Blockage	13515049	2330 Murfreesboro Pk.	Yes	No
12-Jan-11	12-Jan-11	0.00	3.50	0.00001	Blockage	13611005	3644 Anderson Rd.	No	No
13-Jan-11	13-Jan-11	0.00	0.50	0.0001	Blockage	16206084	165 Tusculum Rd.	No	No
13-Jan-11	13-Jan-11	0.00	4.00	0.00001	Blockage	07104068	2520 Flamingo Dr.	No	No
13-Jan-11	13-Jan-11	0.00	0.75	0.0001	Blockage	10807019	3108 Elm Hill Pk.	No	No
14-Jan-11	14-Jan-11	0.15	5.50	0.0001	Blockage	17308003	5618 Pettus Rd.	Yes	No
17-Jan-11	17-Jan-11	0.04	0.25	0.00001	Blockage	08204021	998 McFerrin Ave.	No	No
17-Jan-11	17-Jan-11	0.01	0.75	0.001	Blockage	01215005	100 Northfork Ln.	No	No
18-Jan-11	18-Jan-11	0.58	2.00	0.0001	Blockage	05010088	3307 Brick Church Pk.	No	No
18-Jan-11	18-Jan-11	0.43	1.58	0.011	Rainfall	09011002	516 Basswood Dr.	Yes	No
18-Jan-11	18-Jan-11	0.59	2.50	0.00001	Blockage	05915005CO	723 Ringgold Dr.	Yes	No
18-Jan-11	19-Jan-11	0.59	1.50	0.0001	Blockage	06008012	228 Broadmoor Dr.	Yes	No
18-Jan-11	18-Jan-11	0.43	25.00	0.001	Blockage	10203046	637 Galaxy Dr.	No	No
19-Jan-11	19-Jan-11	0.00	1.00	0.00001	Blockage	10404032	1105 17th Ave. S.	No	No
25-Jan-11	25-Jan-11	0.49	2.00	0.001	Blockage	07515141	825 Netherlands Dr.	Yes	No
27-Jan-11	27-Jan-11	0.00	7.00	0.00001	Blockage	05104001	223 Madison St.	Yes	No
01-Feb-11	01-Feb-11	1.13	2.25	0.02	Rainfall	01416001	Joelton SPS	Yes	No
01-Feb-11	02-Feb-11	1.08	6.08	0.32	Rainfall	10210012	Davidson Branch SPS	Yes	No
01-Feb-11	02-Feb-11	0.99	26.91	3.138	Rainfall	06915003	Whites Creek SPS	Yes	No

Quarterly SSO Report January 1, 2011 through March 31, 2011

Event Start Date	Event End Date	Rainfall	Duration (hours)	Overflow Volume (MG)	Overflow Cause	Location Manhole ID	Location	Unpermitted Discharge	Building Backup
01-Feb-11	01-Feb-11	1.01	2.92	0.018	Rainfall	07114041	Cowan St. SPS	Yes	No
01-Feb-11	01-Feb-11	0.00	1.00	0.001	Blockage	08610110	3300 Lakeside Place	Yes	No
05-Feb-11	05-Feb-11	0.04	2.50	0.001	Blockage	16107039	483 Huntington Ridge Pkwy.	No	No
08-Feb-11	08-Feb-11	0.00	1.80	0.0001	Blockage	09515040	26 Century Blvd.	Yes	No
11-Feb-11	11-Feb-11	0.00	0.50	0.1	Force Main Break	09705001	585 Stewarts Ferry Pk.	Yes	No
13-Feb-11	13-Feb-11	0.00	0.30	0.00001	Blockage	07408061	335 Bonnavue Dr.	No	No
14-Feb-11	14-Feb-11	0.00	1.00	0.0001	Blockage	06013002	2141 Old Matthews Rd.	Yes	No
18-Feb-11	18-Feb-11	0.05	0.50	0.00001	Blockage	17212115	509 Bradford Hills Pl.	No	No
21-Feb-11	21-Feb-11	0.35	1.50	0.001	Blockage	08212033CO	314 N. 9th St.	No	No
22-Feb-11	22-Feb-11	0.00	0.50	0.00001	Blockage	11902063	98 Peachtree St.	No	No
22-Feb-11	22-Feb-11	0.00	1.50	0.0001	Blockage	07408032CO	7022 Bonnavent	No	Yes
24-Feb-11	25-Feb-11	2.46	16.45	0.2	Rainfall	05207007	Berwick Trail SPS / Center St.	Yes	No
24-Feb-11	25-Feb-11	2.46	8.90	0.05	Rainfall	05213002	Madison Heights SPS	Yes	No
24-Feb-11	25-Feb-11	2.52	14.40	0.1	Rainfall	07008061	Riverside SPS	Yes	No
24-Feb-11	25-Feb-11	2.52	2.67	0.024	Rainfall	09104025	28th Ave. SPS / Centennial Blvd.	Yes	No
24-Feb-11	24-Feb-11	2.21	2.83	0.031	Rainfall	08601134	Dodson Chapel SPS	Yes	No
24-Feb-11	24-Feb-11	2.74	10.92	0.04	Rainfall	01416001	Joelton SPS	Yes	No
24-Feb-11	25-Feb-11	2.46	20.00	0.4	Rainfall	05216026	Neelys Bend SPS	Yes	No
24-Feb-11	25-Feb-11	2.64	18.20	0.1	Rainfall	WLS053A020	Langford Farms SPS	Yes	No
24-Feb-11	25-Feb-11	2.57	18.00	0.001	Rainfall	05013010	Briley Parkway	No	No
24-Feb-11	25-Feb-11	2.57	26.00	0.001	Rainfall	05010029	Brick Church Pk.	No	No
24-Feb-11	25-Feb-11	2.57	20.00	0.001	Rainfall	06001011	Brick Church Pk-Richmond Hill	No	No
24-Feb-11	25-Feb-11	2.57	23.00	0.001	Rainfall	06001013	3258 Brick Church Pk.	No	No
24-Feb-11	25-Feb-11	2.34	22.67	1.071	Rainfall	04312004	Vandiver SPS	Yes	No
24-Feb-11	26-Feb-11	2.21	30.67	0.872	Rainfall	08410007	149 Barker Rd.	Yes	No
24-Feb-11	25-Feb-11	2.59	16.75	0.934	Rainfall	09011002	516 Basswood Dr.	Yes	No
24-Feb-11	27-Feb-11	2.61	72.17	7.51	Rainfall	06915003	Whites Creek SPS	Yes	No

Quarterly SSO Report January 1, 2011 through March 31, 2011

Event Start Date	Event End Date	Rainfall	Duration (hours)	Overflow Volume (MG)	Overflow Cause	Location Manhole ID	Location	Unpermitted Discharge	Building Backup
24-Feb-11	25-Feb-11	2.22	27.95	0.3	Rainfall	06201001	Holiday Travel Park SPS	Yes	No
24-Feb-11	25-Feb-11	2.59	4.42	1.82	Rainfall	09105090	West Park SPS	Yes	No
24-Feb-11	25-Feb-11	2.59	23.25	1.812	Rainfall	10210012	Davidson Branch SPS	Yes	No
24-Feb-11	25-Feb-11	2.46	11.41	0.335	Rainfall	05116016	Loves Branch SPS	Yes	No
24-Feb-11	26-Feb-11	2.46	37.92	8.168	Rainfall	03411009	Dry Creek SPS	Yes	No
24-Feb-11	25-Feb-11	2.57	31.92	2.781	Rainfall	07114041	Cowan St. SPS	Yes	No
24-Feb-11	25-Feb-11	2.46	13.92	2.141	Rainfall	05205001	Gibson Creek SPS	Yes	No
24-Feb-11	25-Feb-11	2.57	2.50	0.215	Rainfall	09403030	Shelby Park SPS	Yes	No
25-Feb-11	25-Feb-11	2.22	13.00	0.001	Rainfall	09510050	501 Bismark Dr.	Yes	No
25-Feb-11	25-Feb-11	2.17	0.17	0.004	Rainfall	09409003	Browns Creek SPS / Visco Dr.	Yes	No
25-Feb-11	25-Feb-11	2.22	4.60	0.01	Rainfall	09709040	Farmingham Woods SPS	Yes	No
25-Feb-11	25-Feb-11	2.57	2.42	0.069	Rainfall	06213035	Williamson Ferry SPS	Yes	No
25-Feb-11	25-Feb-11	2.59	1.00	0.00001	Rainfall	11507055	612 Davidson Rd.	No	No
25-Feb-11	26-Feb-11	2.22	24.50	0.001	Rainfall	08606106	5301 Old Hickory Blvd.	No	No
25-Feb-11	26-Feb-11	2.22	24.00	0.001	Rainfall	08602062	Old Lebanon Dirt Rd.	No	No
25-Feb-11	26-Feb-11	0.00	1.75	0.001	Blockage	16413006	5424 Cedar Ash Crossing	Yes	No
25-Feb-11	25-Feb-11	2.52	2.75	0.016	Rainfall	08101015	River Dr. SPS	Yes	No
25-Feb-11	26-Feb-11	2.57	24.00	0.001	Rainfall	05910048	3800 Dunbar Dr.	No	No
25-Feb-11	25-Feb-11	2.59	unknown	0.00001	Rainfall	11507059	622 Davidson Rd.	No	No
26-Feb-11	26-Feb-11	0.00	1.00	0.0001	Blockage	07416003CO	5007 Bonnaside Dr.	No	Yes
28-Feb-11	28-Feb-11	2.78	4.25	0.02	Rainfall	08011001	Bordeaux Hospital SPS	Yes	No
28-Feb-11	28-Feb-11	2.18	11.10	0.1	Rainfall	WLS053A020	Langford Farms SPS	Yes	No
28-Feb-11	28-Feb-11	1.91	1.00	0.001	Rainfall	10314008	47 Brookwood Terrace	Yes	No
28-Feb-11	28-Feb-11	1.96	3.25	0.05	Rainfall	10203057	Cleeces Ferry SPS	Yes	No
28-Feb-11	28-Feb-11	1.96	2.00	0.01	Rainfall	09015045	Sunliner SPS	Yes	No
28-Feb-11	28-Feb-11	1.95	7.25	0.08	Rainfall	05207007	Berwick Trail SPS / Center St.	Yes	No
28-Feb-11	28-Feb-11	2.78	9.75	0.06	Rainfall	07008061	Riverside SPS	Yes	No

Quarterly SSO Report January 1, 2011 through March 31, 2011

Event Start Date	Event End Date	Rainfall	Duration (hours)	Overflow Volume (MG)	Overflow Cause	Location Manhole ID	Location	Unpermitted Discharge	Building Backup
28-Feb-11	28-Feb-11	1.95	6.45	0.03	Rainfall	05213002	Madison Heights SPS	Yes	No
28-Feb-11	28-Feb-11	1.79	7.60	0.01	Rainfall	09709040	Farmingham Woods SPS	Yes	No
28-Feb-11	28-Feb-11	1.91	1.50	0.0001	Rainfall	09012110	6303 Henry Ford Dr.	No	No
28-Feb-11	01-Mar-11	2.39	23.00	0.001	Rainfall	05013010	3300 Brick Church Pk.	No	No
28-Feb-11	28-Feb-11	1.91	1.00	0.0001	Rainfall	10306040	5605 Stoneway Tr.	Yes	No
28-Feb-11	01-Mar-11	1.79	13.85	0.1	Rainfall	06201001	Holiday Travel Park SPS	Yes	No
28-Feb-11	01-Mar-11	1.95	32.20	0.6	Rainfall	05216026	Neelys Bend SPS	Yes	No
28-Feb-11	28-Feb-11	2.39	12.42	2.587	Rainfall	09403030	Shelby Park SPS	Yes	No
28-Feb-11	02-Mar-11	2.69	50.42	2.245	Rainfall	06915003	Whites Creek SPS	Yes	No
28-Feb-11	01-Mar-11	1.91	16.34	1.317	Rainfall	09011002	516 Basswood Dr.	Yes	No
28-Feb-11	28-Feb-11	1.91	11.33	0.901	Rainfall	10210012	Davidson Branch SPS	Yes	No
28-Feb-11	28-Feb-11	2.69	6.25	0.162	Rainfall	08101015	River Dr. SPS	Yes	No
28-Feb-11	02-Mar-11	1.75	32.09	1.973	Rainfall	08410007	149 Barker Rd.	Yes	No
28-Feb-11	28-Feb-11	1.97	12.67	1.173	Rainfall	04312004	Vandiver SPS	Yes	No
28-Feb-11	28-Feb-11	1.08	1.50	0.001	Rainfall	14405017	1318 Chickering Rd.	No	No
28-Feb-11	01-Mar-11	2.39	18.59	1.976	Rainfall	07114041	Cowan St. SPS	Yes	No
28-Feb-11	28-Feb-11	1.10	6.75	0.001	Rainfall	17308004	Pettus Road at Blue Hole Rd.	Yes	No
28-Feb-11	28-Feb-11	1.91	9.83	2.402	Rainfall	05205001	Gibson Creek SPS	Yes	No
28-Feb-11	28-Feb-11	1.91	10.75	1.103	Rainfall	05116016	Loves Branch SPS	Yes	No
28-Feb-11	03-Mar-11	1.91	66.09	6.978	Rainfall	03411009	Dry Creek SPS	Yes	No
28-Feb-11	28-Feb-11	2.69	8.83	2.743	Rainfall	09104025	28th Ave. SPS / Centennial Blvd.	Yes	No
28-Feb-11	01-Mar-11	1.75	13.33	0.093	Rainfall	08601134	Dodson Chapel SPS	Yes	No
28-Feb-11	28-Feb-11	1.54	0.50	0.001	Rainfall	09409003	Browns Creek SPS / Visco Dr.	Yes	No
28-Feb-11	28-Feb-11	2.14	0.75	0.00001	Blockage	08111055	1714 Dr. D. B. Todd Blvd.	No	No
28-Feb-11	28-Feb-11	2.03	1.00	0.0001	Blockage	08115021	245 Riverside Dr.	No	No
28-Feb-11	28-Feb-11	2.39	5.67	0.403	Rainfall	06213035	Williamson Ferry SPS	Yes	No
28-Feb-11	01-Mar-11	2.39	24.75	0.001	Rainfall	05010029	Brick Church Pk.	No	No

Quarterly SSO Report January 1, 2011 through March 31, 2011

Event Start Date	Event End Date	Rainfall	Duration (hours)	Overflow Volume (MG)	Overflow Cause	Location Manhole ID	Location	Unpermitted Discharge	Building Backup
28-Feb-11	01-Mar-11	2.39	8.00	0.001	Rainfall	08204007	Apex Ave.	No	No
28-Feb-11	01-Mar-11	2.39	8.00	0.001	Rainfall	08204006	McFerrin Ave.	No	No
28-Feb-11	01-Mar-11	2.39	14.00	0.001	Rainfall	07309066	2301 Cooper Ln.	Yes	No
28-Feb-11	01-Mar-11	1.76	18.00	0.0001	Rainfall	09611116	3218 Cloverwood Dr.	Yes	No
28-Feb-11	28-Feb-11	1.91	6.25	2.335	Rainfall	09105090	West Park SPS	Yes	No
28-Feb-11	01-Mar-11	1.76	14.00	0.001	Rainfall	09510050	501 Bismark Dr.	Yes	No
28-Feb-11	01-Mar-11	2.39	23.00	0.001	Rainfall	06001013	3258 Brick Church Pk.	No	No
28-Feb-11	01-Mar-11	2.39	23.00	0.001	Rainfall	06001011	Brick Church Pk- Richmond Hill	No	No
28-Feb-11	28-Feb-11	2.39	0.75	0.001	Rainfall	08208025	727 Myrtle Ave.	Yes	No
28-Feb-11	28-Feb-11	2.39	7.00	0.0001	Rainfall	06108059CO	1501 Winding Way	No	No
28-Feb-11	01-Mar-11	2.03	31.00	0.001	Rainfall	71140071	1300 Vashti St.	Yes	No
28-Feb-11	01-Mar-11	1.61	21.00	0.001	Rainfall	13005007	4302 Harding Pl.	No	No
28-Feb-11	01-Mar-11	1.91	9.00	0.001	Rainfall	11507059	622 Davidson Rd.	No	No
28-Feb-11	01-Mar-11	1.91	1.00	0.001	Rainfall	11507055	612 Davidson Rd.	No	No
28-Feb-11	04-Mar-11	1.08	unknown	0.001	Rainfall	13010031	1202 Chickering Rd.	No	No
01-Mar-11	01-Mar-11	0.00	1.00	0.00001	Blockage	10405085CO	515 Acklen Park	No	Yes
02-Mar-11	02-Mar-11	0.00	0.67	0.099	Electrical	09409003	Browns Creek SPS / Visco Dr.	Yes	No
03-Mar-11	03-Mar-11	0.00	0.75	0.0001	Blockage	06003022	120 Oak Valley Dr.	No	No
04-Mar-11	04-Mar-11	0.00	1.25	0.00001	Blockage	16206138	5237 Tusculum Ct.	No	No
05-Mar-11	07-Mar-11	1.25	6.92	0.059	Rainfall	08410007	149 Barker Rd.	Yes	No
05-Mar-11	05-Mar-11	1.33	9.58	0.107	Rainfall	10210012	Davidson Branch SPS	Yes	No
05-Mar-11	07-Mar-11	1.36	36.91	5.653	Rainfall	06915003	Whites Creek SPS	Yes	No
05-Mar-11	05-Mar-11	1.35	3.17	0.012	Rainfall	09011002	516 Basswood Ave.	Yes	No
05-Mar-11	05-Mar-11	1.35	2.00	0.001	Rainfall	09004005	6601 Centennial Blvd. (TDOT)	Yes	No
05-Mar-11	06-Mar-11	1.25	13.00	0.01	Rainfall	06201001	Holiday Travel Park SPS	Yes	No
06-Mar-11	06-Mar-11	1.25	1.50	0.004	Rainfall	08601134	Dodson Chapel SPS	Yes	No
06-Mar-11	06-Mar-11	0.00	3.50	0.00001	Blockage	09611008	338 Hickory Place	No	No

**Quarterly SSO Report
January 1, 2011 through March 31, 2011**

Event Start Date	Event End Date	Rainfall	Duration (hours)	Overflow Volume (MG)	Overflow Cause	Location Manhole ID	Location	Unpermitted Discharge	Building Backup
06-Mar-11	06-Mar-11	1.14	0.70	0.005	Rainfall	05216026	Neelys Bend SPS	Yes	No
07-Mar-11	07-Mar-11	0.00	0.75	0.00001	Blockage	11616035	4004 Wallace Ln.	No	No
08-Mar-11	08-Mar-11	0.00	1.00	0.00001	Blockage	07112072	714 Ward St.	No	No
08-Mar-11	09-Mar-11	0.88	4.25	0.005	Rainfall	06201001	Holiday Travel Park SPS	Yes	No
09-Mar-11	09-Mar-11	0.81	1.00	0.001	Blockage	08204034	820 Seymour Ave.	No	No
09-Mar-11	10-Mar-11	0.88	1.17	0.017	Rainfall	08410007	149 Barker Rd.	Yes	No
09-Mar-11	10-Mar-11	0.76	20.50	1.374	Rainfall	06915003	Whites Creek SPS	Yes	No
09-Mar-11	09-Mar-11	0.88	1.10	0.005	Rainfall	08514004	Munn Rd. SPS	Yes	No
11-Mar-11	11-Mar-11	0.00	0.17	0.017	Electrical	09409003	Browns Creek SPS / Visco Dr.	Yes	No
16-Mar-11	16-Mar-11	0.00	2.00	0.0001	Blockage	01513002	7305 Whites Creek Pk.	Yes	No
17-Mar-11	17-Mar-11	0.00	0.75	0.00001	Blockage	18608046	8117 Middlewick Ln.	No	No
23-Mar-11	23-Mar-11	0.36	2.00	0.00001	Blockage	06007018	2925 Rich Acres Dr.	No	No
25-Mar-11	25-Mar-11	0.13	0.50	0.0001	Blockage	09308019	601 Crutcher St.	Yes	No
28-Mar-11	28-Mar-11	0.18	1.50	0.0001	Blockage	14711085	0 Cotton Ln.	Yes	No
29-Mar-11	29-Mar-11	0.09	1.50	0.0001	Blockage	97101002CO	2528 Old Mathews Rd.	No	No
30-Mar-11	30-Mar-11	0.93	0.50	0.001	Blockage	13404012	1601 Citation Dr.	No	No
30-Mar-11	30-Mar-11	1.31	1.00	0.006	Rainfall	08410007	149 Barker Rd.	Yes	No
30-Mar-11	30-Mar-11	1.11	3.83	0.052	Rainfall	10210012	Davidson Branch SPS	Yes	No

**Quarterly Dry Weather CSO Report
January 1, 2011 through March 31, 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: Prioritization and phasing of proposed improvements will continue, as will the preparation of the CAP/ER document itself.

Additional meetings are anticipated between Metro, EPA, and TDEC for coordination and communication during the upcoming quarter with meetings scheduled on April 6, 2011, and in late June 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 which will eliminate the Holiday Travel Park Pumping Station is anticipated to commence in the upcoming quarter. Completion of that project is anticipated prior to the end of 2011. Condemnation action for acquisition of the additional property rights required at the Munn Road Pumping Station will begin during the upcoming quarter. 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: Construction of the improvements at the Washington outfall, the Benedict & Crutcher outfall, and the Schrader outfall will continue during the upcoming quarter. Design of the regulator modifications at the 1st & Broadway and the Van Buren outfalls will be completed in accordance with their approved schedule and will be scheduled for construction promptly upon completion of design.

LTCP

Planned work for upcoming quarter: Input from the CAC and comments received during public meetings will be used to formulate final alternatives for the LTCP. These alternatives will be evaluated for the resulting water quality improvements using the models, and the anticipated project costs will be more fully developed in anticipation of completion of the LTCP for submission to the PDR in July 2011.

Additional meetings are anticipated between Metro, EPA, and TDEC for coordination and communication during the upcoming quarter, with meetings scheduled on April 6, 2011, and in late June 2011.

Supplemental Environmental Projects

Planned work for upcoming quarter: SEP projects have been completed, and the SEP completion report was approved on March 8, 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	28 th 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	7/1/2011 (estimated)	10/1/2012 (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	9/1/2011 (estimated)	7/1/2013 (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		